

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

# Call Calendar



**Test Report**

**Version 2.0**

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

**Title:**

Call Calendar

**Course:**

Distributed Software Development

**Document:**

Test Report

**Participants:**

Biljana Stanić

Md. Abdur Razzaque

Hrvoje Pavlović

Marko Vuglec

Marko Veličković

Damian Marušić

**Supervisors:**

Federico Ciccozzi

Ivana Bosnić

**Date:**

16<sup>th</sup> January 2015

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

## Revision History

| <b>Date</b> | <b>Version</b> | <b>Description</b>                             | <b>Author</b>    |
|-------------|----------------|--|------------------|
| 2015-01-10  | 0.1            | Initial Draft                                  | Marko Vuglec     |
| 2015-01-10  | 0.2            | Added system overview, document overview       | Marko Vuglec     |
| 2015-01-10  | 0.4            | Added security measures                        | Marko Vuglec     |
| 2015-01-11  | 0.5            | Added admin (RECO) test cases                  | Marko Veličković |
| 2015-01-11  | 0.6            | Added a few admin (RECO) test cases            | Abdur Razzaque   |
| 2015-01-12  | 0.7            | Added researcher test cases                    | Abdur Razzaque   |
| 2015-01-12  | 1.0            | Transferred everything to word/pdf and publish | Biljana Stanić   |
| 2015-01-16  | 1.1            | Formatted document (tables)                    | Biljana Stanić   |
| 2015-01-16  | 2.0            | Transferred everything to word/pdf and publish | Biljana Stanić   |

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

## Table of Contents

|  |           |
|--|-----------|
| <b>1. Introduction .....</b>             | <b>5</b>  |
| <b>1.1 System overview .....</b>         | <b>5</b>  |
| <b>1.2 Document overview .....</b>       | <b>5</b>  |
| <b>1.3 Security measures .....</b>       | <b>5</b>  |
| <b>1.4 Definitions and acronyms.....</b> | <b>5</b>  |
| <b>1.5 Related documents.....</b>        | <b>5</b>  |
| <b>2. Requirements definition .....</b>  | <b>6</b>  |
| <b>3. Test cases .....</b>               | <b>9</b>  |
| <b>3.1 Admin (RECO).....</b>             | <b>9</b>  |
| <b>3.1 Researcher .....</b>              | <b>13</b> |
| <b>4. Functional testing.....</b>        | <b>33</b> |

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

## 1. Introduction

### 1.1 System overview

The division for Research Coordination (RECO) constantly looks out for funding possibilities, helps the researchers with updated information about conditions, budget, consortia, and, also, helps putting the applications together. It is crucial to keep calls and deadlines in mind. RECO and the ES researchers would all benefit from a "Call calendar" containing information about funding bodies, different calls and their respective deadlines.

The goal of this project is to extend current functionalities of existing system at ES. Currently, there are researchers profiles/areas of interest, funding bodies and funding programs. System is divided into back and front office. Back office is used to manage researchers, projects and funding agencies. In front office researchers profiles/areas of interest and funding bodies/programs are shown.

System will be upgraded so it could support adding funding agencies calls, as well as researches' applications to specific calls. It will also match calls with researchers profiles/research interests in order to ensure maximum user satisfaction. Moreover, it will contain information about different calls and their respective topics, deadlines and links to more information. Alongside viewing available calls list, in front office, functionality of sorting and filtering calls will be added. Users will be able to get various generated reports about calls and applications as well.

The purpose of this document is to present acceptance test cases for determining if the requirements of a specification are met.

### 1.2 Document overview

The purpose of this document is to present all test cases that are captured. Document has the following structure:

- Introduction of the system overview, security measures and table of definitions and acronyms;
- Related documents where audience can find more information about the specific details of the system;
- Requirements, that were identified previously, have been listed and then a set of test cases has been created.
- Functional test cases and results.

### 1.3 Security measures

In order to have a secured system and avoid possible errors on the system, all users are required to have credentials to login (required for the back-office). That way we have the system that will have a limited number of users.

### 1.4 Definitions and acronyms

In the following table will be present and explained abbreviations that will be used in the document.

| Acronym or abbreviation | Definitions  |
|-------------------------|--|
| <b>MDH</b>              | Mälardalen University, Västerås, Sweden                          |
| <b>FER</b>              | Faculty of Electrical Engineering and Computing, Zagreb, Croatia |
| <b>DSD</b>              | Distributed Software Development                                 |
| <b>ES</b>               | Embedded Systems   |
| <b>RECO</b>             | Research Coordination  |

**Table 1. Abbreviations and definitions**

### 1.5 Related documents

More information about the description of the system, requirements and design decisions can be found in:

- *Project Plan Document.pdf*;
- *Requirements Definition Document.pdf*;
- *Design Description Document.pdf*
- *Acceptance Test Report.pdf*

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

## 2. Requirements definition

In this section will be presented functional requirements for which will be created acceptance test cases. Those requirements were identified from the customer and each of them has the corresponding priority. Priorities can have labels “high”, “medium” or “low”.

In the following table are listed functional requirements, with corresponding ids, names, descriptions and number of test cases where they were verified.

| ID    | Functional | Name  | Description   |
|-------|------------|---|---|
| FR-01 | Yes        | Add new call  | Add the call  |
| FR-02 | Yes        | View all calls  | View all past/active calls  |
| FR-03 | Yes        | Filtering calls by agencies                               | Filter calls by Admin (RECO)’s name   |
| FR-04 | Yes        | Filtering calls by status                                 | Filtering calls by status (past/active)                                     |
| FR-05 | Yes        | View specific call  | Detail view of specific call  |
| FR-06 | Yes        | Send notification to researchers                          | Send email notification to all researchers who are interested in call       |
| FR-07 | Yes        | Adding application form to the call                       | Researcher’s application is added to the specific call                      |
| FR-08 | Yes        | Storing application’s forms                               | All created applications are saved and stored                               |
| FR-09 | Yes        | Viewing and generating reports about the call             | Generate report with all important information about the specific call      |
| FR-10 | Yes        | Generating reports about all applications for the call    | Generate report about all applications for the specific call                |
| FR-11 | Yes        | Custom filters and possibility to export results to excel | Filter calls and export retrieved data to excel file                        |
| FR-12 | Yes        | Custom filter - option to choose which fields to return   | Filter calls using custom fields  |
| FR-13 | Yes        | Create a project  | The project should be created once the application is labeled as “granted”  |
| FR-14 | Yes        | Create a news feed  | For every granted application should be created a news feed on the web page |
| FR-15 | Yes        | Add new call type   | Add the call type that will be attached to the call                         |

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

|       |     |  |   |
|-------|-----|--|---|
| FR-16 | Yes | Add new call status                      | Add the call status that will be attached to the call               |
| FR-17 | Yes | Add attachment to the call               | Add the attachment (documentation) to the call                      |
| FR-18 | Yes | Add deadline for the call                | Add the deadline (internal/external) for the specific call          |
| FR-19 | Yes | View all attachments for the call        | View all added attachments for the specific call                    |
| FR-20 | Yes | Download attachment from the call        | Download a specific attachment from the chosen call                 |
| FR-21 | Yes | Add new application status               | Add the application status that will be attached to the application |
| FR-22 | Yes | Add attachment to the application        | Add the attachment (documentation) to the application               |
| FR-23 | Yes | View all attachments for the application | View all attachments for the application                            |
| FR-24 | Yes | Add funding program                      | Add funding program   |
| FR-25 | Yes | Remove existing call                     | Remove existing call  |
| FR-26 | Yes | Edit existing call                       | Edit data about the existing call                                   |
| FR-27 | Yes | Deny a certain application               | Deny a certain application that is not valuable                     |
| FR-28 | Yes | Edit existing application                | Edit data about the existing application                            |
| FR-29 | Yes | Remove existing application              | Remove existing application   |
| FR-30 | Yes | Edit existing call type                  | Edit data about the existing call type                              |
| FR-31 | Yes | Remove existing call type                | Remove existing call type   |
| FR-32 | Yes | Edit existing call status                | Edit data about the existing call status                            |
| FR-33 | Yes | Remove existing call status              | Remove existing call status   |
| FR-34 | Yes | Edit existing application status         | Edit data about the existing application status                     |
| FR-35 | Yes | Remove existing application status       | Remove existing application status                                  |
| FR-36 | Yes | Edit existing attachment of the call     | Edit data about the existing attachment of the call                 |
| FR-37 | Yes | Remove existing                          | Remove existing attachment of the                                   |

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

|       |     | attachment of the call                        | call   |
|-------|-----|---|--|
| FR-38 | Yes | Edit existing deadline for the call           | Edit data about the existing deadline for the call         |
| FR-39 | Yes | Remove existing deadline for the call         | Remove existing deadline for the call                      |
| FR-40 | Yes | Edit existing attachment of the application   | Edit data about the existing attachment of the application |
| FR-41 | Yes | Remove existing attachment of the application | Remove existing attachment of the application              |
| FR-42 | Yes | Remove existing funding program               | Remove existing funding program                            |
| FR-43 | Yes | Edit existing funding program                 | Edit data about the existing funding program               |
| FR-44 | Yes | View all applications                         | View all past/active applications                          |
| FR-45 | Yes | View specific application                     | Detail view of specific application                        |
| FR-46 | Yes | View all call types                           | View all call types  |
| FR-47 | Yes | View specific call type                       | Detail view of the specific call type                      |
| FR-48 | Yes | View all call statuses                        | View all call statuses                                     |
| FR-49 | Yes | View specific call status                     | Detail view of the specific call status                    |
| FR-50 | Yes | View all deadlines for the call               | View all deadlines for the call                            |
| FR-51 | Yes | View specific deadline for the call           | Detail view of the specific deadline for the call          |
| FR-52 | Yes | View all application statuses                 | View all application statuses                              |
| FR-53 | Yes | View specific application status              | Detail view of the specific application status             |
| FR-54 | Yes | View all funding programs                     | View all funding programs                                  |
| FR-55 | Yes | View specific funding program                 | Detail view of the specific funding program                |

**Table 2. Functional requirements**



|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

### 3. Test cases

This section contains test cases related to functionalities that are enabled for Admin (RECO) and researcher. The following two subsections will provide description for each case.

#### 3.1 Admin (RECO)

**Test Name:** Test Case 01: **Add New Call**  
**Description:** Admin (RECO) should be able to add new call.  
**Prerequisites:** 1. Admin (RECO) has access to back office

| Step | Operator Action                                  | Expected Results                                   | Observed Results                               | Pass/ Fail |
|------|--|--|--|------------|
| 1.1  | Put mouse on Calls drop-down menu in back office | Drop-down menu will show the contents              | Drop-down menu will show the contents          | Pass       |
| 1.2  | Click on Call from the menu                      | Open call page                                     | Call page opened                               | Pass       |
| 1.3  | At the upper right corner click add new button   | “New call” empty form is displayed                 | “New call” empty form is opened                | Pass       |
| 1.4  | Admin (RECO) fills in the form                   | All required fields are marked with a star         | All required fields are marked with a star     | Pass       |
| 1.5  | Admin (RECO) submits filled form                 | Call is created and added to the list of all calls | Call is created and added to list of all calls | Pass       |
| 1.6  | Requested fields are incorrectly filled in       | Alert about incorrectly filled fields is shown     | Alert about incorrectly filled fields is shown | Pass       |

**Table 3. Add New Call test case**

**Test Name:** Test Case 02: **Notify Interested Researchers**  
**Description:** Potentially interested researchers are notified about certain call.  
**Prerequisites:** 1. Call is created

| Step | Operator Action           | Expected Results  | Observed Results                           | Pass/ Fail |
|------|---------------------------|---|--|------------|
| 2.1  | Admin (RECO) makes a call | System identifies all the researchers that may be interested in call and sends them notification about the new call | Call is created and notifications are sent | Pass       |

**Table 4. Notify Interested Researchers test case**

**Test Name:** Test Case 03: **Edit Existing Call**  
**Description:** Potentially interested researchers are notified about certain call.  
**Prerequisites:** 1. Admin (RECO) has access to back office  
2. Admin (RECO) has created call

| Step | Operator Action                                  | Expected Results                      | Observed Results                      | Pass/ Fail |
|------|--|---------------------------------------|---------------------------------------|------------|
| 3.1  | Put mouse on Calls drop-down menu in back office | Drop-down menu will show the contents | Drop-down menu will show the contents | Pass       |
| 3.2  | Click on Call from the menu                      | Open call page                        | Call page opened                      | Pass       |

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

|     |                                       |  |  |      |
|-----|---------------------------------------|--|--|------|
| 3.3 | Select specific call to modify        | Form filled with existing data is shown        | Form filled with existing data is shown        | Pass |
| 3.4 | Admin (RECO) makes changes            | Form is filled with new data                   | Form is filled with new data                   | Pass |
| 3.5 | Admin (RECO) submits changes          | Changes are saved                              | Changes are saved                              | Pass |
| 3.6 | Some fields are incorrectly filled in | Alert about incorrectly filled fields is shown | Alert about incorrectly filled fields is shown | Pass |

**Table 5. Edit Existing Call test case**

**Test Name:** Test Case 04: **Remove Call**  
**Description:** Call is removed.  
**Prerequisites:** 1. Admin (RECO) has created call

| Step | Operator Action                                  | Expected Results                      | Observed Results                       | Pass/ Fail |
|------|--|---------------------------------------|--|------------|
| 4.1  | Put mouse on Calls drop-down menu in back office | Drop-down menu will show the contents | Drop-down menu will show the contents. | Pass       |
| 4.2  | Click on Call from the menu                      | List of all calls should be shown     | List of all calls is shown             | Pass       |
| 4.3  | Select specific call to remove                   | Call is removed                       | Call is removed                        | Pass       |

**Table 6. Remove Call test case**

**Test Name:** Test Case 05: **Add New Application to the Call**  
**Description:** Admin (RECO) should be able to add new application for the call.  
**Prerequisites:** 1. Admin (RECO) has access to back office

| Step | Operator Action  | Expected Results   | Observed Results   | Pass/ Fail |
|------|--|--|--|------------|
| 5.1  | Put mouse on Application drop-down menu in back office | Drop-down menu will show the contents                            | Drop-down menu will show the contents.                       | Pass       |
| 5.2  | Click on applications from the menu                    | Open Applications page   | Applications page opened                                     | Pass       |
| 5.3  | Admin (RECO) clicks new application                    | "New Application" empty form is displayed                        | "New Application" empty form is opened                       | Pass       |
| 5.4  | Admin (RECO) fills in the form                         | All required fields are marked with a star                       | All required fields are marked with a star                   | Pass       |
| 5.5  | Admin (RECO) submits filled form                       | Application is created and added to the list of all applications | Application is created and added to list of all applications | Pass       |
| 5.6  | Requested fields are incorrectly filled in             | Alert about incorrectly filled fields is shown                   | Alert about incorrectly filled fields is shown               | Pass       |

**Table 7. Add New Application to the Call test case**

**Test Name:** Test Case 06: **View all call's applications**  
**Description:** All applications related to selected call are listed.  
**Prerequisites:** 1. Admin (RECO) has created call

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

2. Researcher applied for a call

| Step | Operator Action   | Expected Results                       | Observed Results                       | Pass/ Fail |
|------|---|--|--|------------|
| 6.1  | Put mouse on Application drop-down menu in back office. | Drop-down menu will show the contents. | Drop-down menu will show the contents. | Pass       |
| 6.2  | Click on applications from menu                         | List of all calls application is shown | List of all calls application is shown | Pass       |

**Table 8. View all call's applications**

**Test Name:** Test Case 07: **Grant certain application**  
**Description:** Application is granted and new project is automatically created.  
**Prerequisites:** 1. Admin (RECO) has created call  
2. Researcher applied for a call

| Step | Operator Action   | Expected Results   | Observed Results   | Pass/ Fail |
|------|---|--|--|------------|
| 7.1  | Put mouse on Application drop-down menu in back office. | Drop-down menu will show the contents  | Drop-down menu will show the contents.   | Pass       |
| 7.2  | Click on applications from menu                         | List of all calls application is shown   | List of all calls application is shown   | Pass       |
| 7.3  | Select specific application to grant                    | Application status should be updated and automatically create new project from the granted application | Application status should be updated and automatically create new project from the granted application | Pass       |

**Table 9. Grant certain application test case**

**Test Name:** Test Case 08: **Convert granted application to a new project**  
**Description:** New project is automatically created from application.  
**Prerequisites:** 1. There is granted application

| Step | Operator Action  | Expected Results                                     | Observed Results                                     | Pass/ Fail |
|------|--|--|--|------------|
| 8.1  | Put mouse on Application drop-down menu in back office.                        | Drop-down menu will show the contents                | Drop-down menu will show the contents.               | Pass       |
| 8.2  | Click on applications from menu  | List of all calls application is shown               | List of all calls application is shown               | Pass       |
| 8.3  | Select specific application to grant   | Application status should be updated                 | Application status is updated                        | Pass       |
| 8.4. | Granted application is automatically converted into the new project and stored | New project is created from the granted application. | New project is created from the granted application. | Pass       |

**Table 10. Convert granted application to a new project test case**

**Test Name:** Test Case 09: **Publish granted application on news page**  
**Description:** Granted application automatically generates news about it on the news page.  
**Prerequisites:** 1. There is granted application

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

| Step | Operator Action        | Expected Results  | Observed Results                              | Pass/ Fail |
|------|------------------------|---|---|------------|
| 9.1  | Application is granted | News about the application is automatically created and published in front-office | Application is granted and news are generated | Pass       |

**Table 11. Publish granted application on news page test case**

**Test Name:** Test Case 10: **Generate report about all call's applications**  
**Description:** Admin (RECO) can create and save report about all applications  
**Prerequisites:** 1. Call is created

| Step | Operator Action   | Expected Results                             | Observed Results                             | Pass/ Fail |
|------|---|--|--|------------|
| 10.1 | Put mouse on Application drop-down menu in back office. | Drop-down menu will show the contents.       | Drop-down menu will show the contents.       | Pass       |
| 10.2 | Click on applications from menu                         | List of all calls application is shown       | List of all calls application is shown       | Pass       |
| 10.3 | Select filtering and/or sorting parameters              | List of filtered calls applications in shown | List of filtered calls applications in shown | Pass       |
| 10.4 | In the upper right corner click on export               | Export all calls information to CSV          | All call information are exported to CSV     | Pass       |

**Table 12. Generate report about all call's applications test case**

**Test Name:** Test Case 11: **Filter fields that will appear in report**  
**Description:** Admin (RECO) can choose which fields will be in report  
**Prerequisites:** 1. Call is created

| Step | Operator Action  | Expected Results  | Observed Results  | Pass/ Fail |
|------|--|---|---|------------|
| 11.1 | Put mouse on funding agencies drop-down menu in back office. | Drop-down menu will show the contents.                  | Drop-down menu is shown content.                        | Pass       |
| 11.2 | Click on funding agencies from menu                          | List of all information about funding agencies is shown | List of all information about funding agencies is shown | Pass       |
| 11.3 | Select filtering and/or sorting parameters                   | List of filtered funding agencies in shown              | List of filtered funding agencies in shown              | Pass       |
| 11.4 | In the upper right corner click on export                    | Export all calls information to CSV                     | All call information are exported to CSV                | Pass       |

**Table 13. Filter fields that will appear in report test case**

**Test Name:** Test Case 12: **Deny certain application**  
**Description:** Admin (RECO) can choose which fields will be in report  
**Prerequisites:** 1. Call is created

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

| Step | Operator Action  | Expected Results                        | Observed Results                        | Pass/ Fail |
|------|--|---|---|------------|
| 12.1 | Admin (RECO) selects application that it wants to deny | Details about the application are shown | Details about the application are shown | Pass       |
| 12.2 | Admin (RECO) denies selected application               | Application is denied                   | Application is denied                   | Pass       |

**Table 14. Deny certain application test case**

### 3.1 Researcher

**Test Name:** Test Case 13: **View All Calls**  
**Description:** Researcher opens a page with all calls  
**Prerequisites:** -

| Step | Operator Action                                   | Expected Results                       | Observed Results                 | Pass/ Fail |
|------|---|--|----------------------------------|------------|
| 13.1 | Put mouse on Calls drop-down menu in back office. | Drop-down menu will show the contents. | Drop-down menu is shown content. | Pass       |
| 13.2 | Click on Call from the menu to view all calls     | List of all calls is shown             | List of all calls is shown       | Pass       |

**Table 15. View All Calls test case**

**Test Name:** Test Case 14: **Filter and sort calls dynamically**  
**Description:** Filtered and/or sorted calls are shown  
**Prerequisites:** There is at least one call

| Step | Operator Action                                   | Expected Results                       | Observed Results                 | Pass/ Fail |
|------|---|--|----------------------------------|------------|
| 14.1 | Put mouse on Calls drop-down menu in back office. | Drop-down menu will show the contents. | Drop-down menu is shown content. | Pass       |
| 14.2 | Click on Call from the menu                       | Opened call page                       | Call page is opened              | Pass       |
| 14.3 | Select filtering and/or sorting parameters        | List of filtered calls is shown        | List of filtered calls is shown  | Pass       |

**Table 16. Filter and sort calls dynamically test case**

**Test Name:** Test Case 15: **View details about specific call**  
**Description:** Details about specific call are shown  
**Prerequisites:** There is at least one call

| Step | Operator Action                                   | Expected Results                         | Observed Results                  | Pass/ Fail |
|------|---|--|-----------------------------------|------------|
| 15.1 | Put mouse on Calls drop-down menu in back office. | Drop-down menu will show the contents.   | Drop-down menu is shown content.  | Pass       |
| 15.2 | Click on Call from the menu                       | Opened call page                         | Call page is opened               | Pass       |
| 15.3 | Click on specific call to view the details        | Details of specific call should be shown | Details of specific call is shown | Pass       |

**Table 17. View details about specific call test case**

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

**Test Name:** Test Case 16: **Storing application's forms**  
**Description:** All created applications are saved and stored  
**Prerequisites:** There is at least one call

| Step | Operator Action  | Expected Results   | Observed Results   | Pass/ Fail |
|------|--|--|--|------------|
| 16.1 | Put mouse on Application drop-down menu in back office                         | Drop-down menu will show the contents.   | Drop-down menu is shown content.   | Pass       |
| 16.2 | Click on Applications from menu  | Opened Applications page   | Application page is opened   | Pass       |
| 16.3 | In the upper right corner click on Add new button.                             | A new page should be opened with few fields and drop-down menus for the entry                              | The new page is opened with few fields and drop-down menus for the entry                                   | Pass       |
| 16.4 | Fill all the required fields and hit the save button on the upper right corner | Applications page with the information in the upper part: "Creation successful" and with new entry showed. | Applications page with the information in the upper part: "Creation successful" and with new entry showed. | Pass       |

**Table 18. Storing application's forms**

**Test Name:** Test Case 17: **Viewing and generating reports about the call**  
**Description:** Viewing and generating reports about the call  
**Prerequisites:** Admin (RECO) has created call

| Step | Operator Action                                   | Expected Results                       | Observed Results                         | Pass/ Fail |
|------|---|--|--|------------|
| 17.1 | Put mouse on Calls drop-down menu in back office. | Drop-down menu will show the contents. | Drop-down menu will show the contents.   | Pass       |
| 17.2 | Click on call from menu                           | Opened Call page                       | Call page is opened                      | Pass       |
| 17.3 | In the upper right corner click on export         | Export all calls information to CSV    | All call information are exported to CSV | Pass       |

**Table 19. Viewing and generating reports about the call**

**Test Name:** Test Case 18: **Custom filters and possibility to export results to excel**  
**Description:** Custom filters and possibility to export results to excel  
**Prerequisites:**

| Step | Operator Action                       | Expected Results  | Observed Results  | Pass/ Fail |
|------|---------------------------------------|---|---|------------|
| 18.1 | Admin (RECO) clicks on button export. | New download window is open with question for filename. | New download window is open with question for filename. | Fail       |

**Table 20. Custom filters and possibility to export results to excel**

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

**Test Name:** Test Case 19: **Custom filter - option to choose which fields to return**

**Description:** Custom filter - option to choose which fields to return

**Prerequisites:**

| Step | Operator Action                                      | Expected Results                                | Observed Results                                | Pass/ Fail |
|------|--|---|---|------------|
| 19.1 | Admin (RECO) selects fields that have to be returned | Filtered view of the call/application are shown | Filtered view of the call/application are shown | Fail       |

**Table 21. Custom filter - option to choose which fields to return**

**Test Name:** Test Case 20: **Add new call type**

**Description:** Add new call type

**Prerequisites:**

| Step | Operator Action   | Expected Results   | Observed Results   | Pass/ Fail |
|------|---|--|--|------------|
| 20.1 | Put mouse on Calls drop-down menu in back office                  | Drop-down menu will show the contents  | Drop-down menu is shown content  | Pass       |
| 20.2 | Click on call type from menu                                      | Opened call types page   | Call type page is opened   | Pass       |
| 20.3 | In the upper right corner click on Add new button                 | A new page should be opened with a field for the entry   | The new page is opened with a field for the entry  | Pass       |
| 20.4 | Fill in the field and click Save button in the upper right corner | Call type page with the information in the upper part: "Creation successful" and with new entry showed | Call type page with the information in the upper part: "Creation successful" and with new entry showed | Pass       |

**Table 22. Add new call type**

**Test Name:** Test Case 21: **Add new call status**

**Description:** Add new call status

**Prerequisites:**

| Step | Operator Action                                  | Expected Results                      | Observed Results                | Pass/ Fail |
|------|--|---------------------------------------|---------------------------------|------------|
| 21.1 | Put mouse on Calls drop-down menu in back office | Drop-down menu will show the contents | Drop-down menu is shown content | Pass       |
| 21.2 | Click on Call Statuses from menu                 | Opened Call Statuses page             | Call Statuses page is opened    | Pass       |

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

|      |   |  |  |      |
|------|---|--|--|------|
| 21.3 | In the upper right corner click on Add new button                 | A new page should be opened with a field for the entry   | The new page is opened with a field for the entry  | Pass |
| 21.4 | Fill in the field and click Save button in the upper right corner | Call Statuses page with the information in the upper part: "Creation successful" and with new entry showed | Call Statuses page with the information in the upper part: "Creation successful" and with new entry showed | Pass |

**Table 23. Add new call status**

**Test Name:** Test Case 22: **Add attachment to the call**

**Description:** Add attachment to the call

**Prerequisites:**

| Step | Operator Action   | Expected Results   | Observed Results   | Pass/ Fail |
|------|---|--|--|------------|
| 22.1 | Put mouse on Attachments drop-down menu in back office and click on Attachments                 | Opened Attachments page  | Attachments page is opened   | Pass       |
| 22.2 | In the upper right corner click on Add new button   | A new page should be opened with a fields for the entry and field for file upload                        | The new page is opened with a fields for the entry and field for file upload                             | Pass       |
| 22.3 | Fill in the field, choose file for upload and click Save button in the upper right corner       | Attachments page with the information in the upper part: "Creation successful" and with new entry showed | Attachments page with the information in the upper part: "Creation successful" and with new entry showed | Pass       |
| 22.4 | Put mouse on Calls drop-down menu in back office and click on Call Attachment                   | Opened Call Attachment page  | Call Attachment page is opened   | Pass       |
| 22.5 | In the upper right corner click on Add new button   | A new page should be opened with two drop-down menu and one date picker                                  | A new page is opened with two drop-down menu and one date picker   | Pass       |
| 22.6 | Choose the desired Call, Attachment, date and click Save button in the upper right corner click | Call Attachments page with the information in the upper part: "Creation successful" and with new entry   | Call Attachments page with the information in the upper part: "Creation                                  | Pass       |



|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

|  |  |        |                                       |  |
|--|--|--------|---------------------------------------|--|
|  |  | showed | successful" and with new entry showed |  |
|--|--|--------|---------------------------------------|--|

**Table 24. Add attachment to the call**

**Test Name:** Test Case 23: **Add deadline for the call**

**Description:** Add deadline for the call

**Prerequisites:**

| Step | Operator Action  | Expected Results   | Observed Results   | Pass/ Fail |
|------|--|--|--|------------|
| 23.1 | Put mouse on Calls drop-down menu in back office                             | Drop-down menu will show the contents  | Drop-down menu is shown content  | Pass       |
| 23.2 | Click on Deadlines from menu   | Opened Deadlines page  | Deadlines page is opened   | Pass       |
| 23.3 | In the upper right corner click on Add new button                            | A new page should be opened with a field for the entry, drop-down menu, date picker and radio buttons  | A new page is opened with a field for the entry, drop-down menu, date picker and radio buttons         | Pass       |
| 23.4 | Fill in and pick required fields and click Save button in upper right corner | Deadlines page with the information in the upper part: "Creation successful" and with new entry showed | Deadlines page with the information in the upper part: "Creation successful" and with new entry showed | Pass       |

**Table 25. Add deadline for the call**

**Test Name:** Test Case 24: **View all attachments for the call**

**Description:** View all attachments for the call

**Prerequisites:**

| Step | Operator Action                               | Expected Results   | Observed Results   | Pass/ Fail |
|------|---|--|--|------------|
| 24.1 | Click on Calls from left menu in front office | All Calls should be listed on page                                     | All calls are listed on page                                     | Pass       |
| 24.2 | Click on desired call from list               | All call details should be displayed on page                           | Call details are displayed                                       | Pass       |
| 24.3 | Click on Attachments tab on page              | Attachment link and description should be displayed in Attachments tab | Attachment link and description are displayed in Attachments tab | Pass       |

**Table 26. View all attachments for the call**

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

**Test Name:** Test Case 25: **Download attachment from the call**

**Description:** Download attachment from the call

**Prerequisites:**

| Step | Operator Action                               | Expected Results   | Observed Results   | Pass/ Fail |
|------|---|--|--|------------|
| 25.1 | Click on Calls from left menu in front office | All Calls should be listed on page                                     | All calls are listed on page                                     | Pass       |
| 25.2 | Click on desired call from list               | All call details should be displayed on page                           | Call details are displayed                                       | Pass       |
| 25.3 | Click on Attachments tab on page              | Attachment link and description should be displayed in Attachments tab | Attachment link and description are displayed in Attachments tab | Pass       |
| 25.4 | Click on link in Attachment tab               | Document download should start automatically                           | Document download has started automatically                      | Pass       |

**Table 27. Download attachment from the call**

**Test Name:** Test Case 26: **Add new application status**

**Description:** Add new application status

**Prerequisites:**

| Step | Operator Action   | Expected Results  | Observed Results   | Pass/ Fail |
|------|---|---|--|------------|
| 26.1 | Put mouse on Application drop-down menu in back office            | Drop-down menu will show the contents   | Drop-down menu is shown content  | Pass       |
| 26.2 | Click on Application Statuses from menu                           | Opened Application Statuses page  | Application Statuses page is opened  | Pass       |
| 26.3 | In the upper right corner click on Add new button                 | A new page should be opened with a field for the entry  | The new page is opened with a field for the entry  | Pass       |
| 26.4 | Fill in the field and click Save button in the upper right corner | Application Statuses page with the information in the upper part: "Creation successful" and with new entry showed | Call Statuses page with the information in the upper part: "Creation successful" and with new entry showed | Pass       |

**Table 28. Add new application status**

**Test Name:** Test Case 27: **Add attachment to the application**

**Description:** Add attachment to the application

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

**Prerequisites:**

| Step | Operator Action  | Expected Results   | Observed Results   | Pass/ Fail |
|------|--|--|--|------------|
| 27.1 | Put mouse on Attachments drop-down menu in back office and click on Attachments  | Opened Attachments page  | Attachments page is opened   | Pass       |
| 27.2 | In the upper right corner click on Add new button  | A new page should be opened with a fields for the entry and field for file upload                                    | The new page is opened with a fields for the entry and field for file upload   | Pass       |
| 27.3 | Fill in the field, choose file for upload and click Save button in the upper right corner  | Attachments page with the information in the upper part: "Creation successful" and with new entry showed             | Attachments page with the information in the upper part: "Creation successful" and with new entry showed             | Pass       |
| 27.4 | Put mouse on Applications drop-down menu in back office and click on Application Attachment  | Opened Application Attachment page   | Application Attachment page is opened  | Pass       |
| 27.5 | In the upper right corner click on Add new button  | A new page should be opened with two drop-down menu, description field and one date picker                           | A new page is opened with two drop-down menu, description field and one date picker                                  | Pass       |
| 27.6 | Choose the desired application, attachment, fill in description, pick a date and click Save button in the upper right corner click | Application Attachments page with the information in the upper part: "Creation successful" and with new entry showed | Application Attachments page with the information in the upper part: "Creation successful" and with new entry showed | Pass       |

**Table 29. Add attachment to the application**

**Test Name:** Test Case 28: **View all attachments for the application**

**Description:** View all attachments for the application

**Prerequisites:**

| Step | Operator Action  | Expected Results                      | Observed Results                | Pass/ Fail |
|------|--|---------------------------------------|---------------------------------|------------|
| 28.1 | Put mouse on Application drop-down menu in back office | Drop-down menu will show the contents | Drop-down menu is shown content | Pass       |

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

|      |   |                                     |  |      |
|------|---|-------------------------------------|--|------|
| 28.2 | Click on Application attachments from menu                          | Opened Application attachments page | Application attachments page is opened | Pass |
| 28.3 | Pick Application from drop-down menu to see attachment if any exist | Show attachments on page            | Show attachments on page               | Pass |

**Table 30. View all attachments for the application**

**Test Name:** Test Case 29: **Add funding program**

**Description:** Add funding program

**Prerequisites:**

| Step  | Operator Action  | Expected Results   | Observed Results   | Pass/ Fail |
|-------|--|--|--|------------|
| 29.1  | Put mouse on Funding Agencies drop-down menu in back office                          | Drop-down menu will show the contents  | Drop-down menu is shown content  | Pass       |
| 29.2. | Click on Funding program from menu   | Opened Funding program page  | Funding program page is opened   | Pass       |
| 29.3  | In the upper right corner click on Add new button                                    | A new page should be opened with one field and one drop-down menu  | A new page is opened with one field and one drop-down menu   | Pass       |
| 29.4  | Fill in the field, pick Admin (RECO) and click Save button in the upper right corner | Funding Program page with the information in the upper part: "Creation successful" and with new entry showed | Funding Program page with the information in the upper part: "Creation successful" and with new entry showed | Pass       |

**Table 31. Add funding program**

**Test Name:** Test Case 30: **Edit existing call**

**Description:** Edit existing call

**Prerequisites:**

| Step | Operator Action                                 | Expected Results                     | Observed Results                | Pass/ Fail |
|------|---|--------------------------------------|---------------------------------|------------|
| 30.1 | Put mouse on Call drop-down menu in back office | Drop-down menu will show the content | Drop-down menu is shown content | Pass       |

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

|      |   |   |   |      |
|------|---|---|---|------|
| 30.2 | Click on Call from menu                                       | Opened Call page  | Call page is opened   | Pass |
| 30.3 | Click on one of the calls listed below                        | Edit page should be opened with a field for the entry                 | Edit page is opened with a field for the entry                        | Pass |
| 30.4 | After editing is done click Save button in upper right corner | Call page with the information in the upper part: "Update successful" | Call page with the information in the upper part: "Update successful" | Pass |

**Table 32. Edit existing call**

**Test Name:** Test Case 31: **Deny a certain application**

**Description:** Deny a certain application

**Prerequisites:**

| Step | Operator Action  | Expected Results  | Observed Results   | Pass/ Fail |
|------|--|---|--|------------|
| 31.1 | Put mouse on Application drop-down menu in back office         | Drop-down menu will show the content  | Drop-down menu is shown content  | Pass       |
| 31.2 | Click on Application from menu                                 | Opened Application page   | Application page is opened   | Pass       |
| 31.3 | Click on one of the applications listed below                  | Edit page should be opened with a field for the entry                         | Edit page is opened with a field for the entry                               | Pass       |
| 31.4 | Click on application status drop-down menu and select Declined | Applications page with the information in the upper part: "Update successful" | Application page with the information in the upper part: "Update successful" | Pass       |

**Table 33. Deny a certain application**

**Test Name:** Test Case 32: **Edit existing application**

**Description:** Edit existing application

**Prerequisites:**

| Step | Operator Action  | Expected Results                            | Observed Results                         | Pass/ Fail |
|------|--|---|--|------------|
| 32.1 | Put mouse on Application drop-down menu in back office | Drop-down menu will show the content        | Drop-down menu is shown content          | Pass       |
| 32.2 | Click on Application from menu                         | Opened Application page                     | Application page is opened               | Pass       |
| 32.3 | Click on one of the applications listed below          | Edit page should be opened with a field for | Edit page is opened with a field for the | Pass       |

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

|      |   |   |  |      |
|------|---|---|--|------|
|      |   | the entry   | entry  |      |
| 32.4 | After editing is done click Save button in upper right corner | Applications page with the information in the upper part: "Update successful" | Application page with the information in the upper part: "Update successful" | Pass |

**Table 34. Edit existing application**

**Test Name:** Test Case 33: **Remove existing application**

**Description:** Remove existing application

**Prerequisites:**

| Step | Operator Action  | Expected Results                      | Observed Results                      | Pass/ Fail |
|------|--|---------------------------------------|---------------------------------------|------------|
| 33.1 | Put mouse on Application drop-down menu in back office | Drop-down menu will show the contents | Drop-down menu will show the contents | Pass       |
| 33.2 | Click on applications from menu                        | Opened Applications page              | Applications page is opened           | Pass       |
| 33.3 | Remove specific applications                           | Changes are saved                     | Changes are saved                     | Pass       |

**Table 35. Remove existing application**

**Test Name:** Test Case 34: **Edit existing call type**

**Description:** Edit existing call type

**Prerequisites:**

| Step | Operator Action                                  | Expected Results                                | Observed Results                                | Pass/ Fail |
|------|--|---|---|------------|
| 34.1 | Put mouse on Calls drop-down menu in back office | Drop-down menu will show the contents           | Drop-down menu is shown content                 | Pass       |
| 34.2 | Click on call type from menu                     | Opened call types page                          | Call type page is opened                        | Pass       |
| 34.3 | Click on specific call type to edit              | Form filled with existing data is shown         | Form filled with existing data is shown         | Pass       |
| 34.4 | Modify existing call type                        | Form is filled with new data                    | Form is filled with new data                    | Pass       |
| 34.5 | Submit changes                                   | Changes are saved                               | Changes are saved                               | Pass       |
| 34.6 | Some fields are incorrectly filled in            | Alert about incorrectly filled fields are shown | Alert about incorrectly filled fields are shown | Pass       |

**Table 36. Edit existing call type**

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

**Test Name:** Test Case 35: **Remove existing call type**

**Description:** Remove existing call type

**Prerequisites:**

| Step | Operator Action                                  | Expected Results                      | Observed Results                | Pass/ Fail |
|------|--|---------------------------------------|---------------------------------|------------|
| 35.1 | Put mouse on Calls drop-down menu in back office | Drop-down menu will show the contents | Drop-down menu is shown content | Pass       |
| 35.2 | Click on call type from menu                     | Opened call types page                | Call type page is opened        | Pass       |
| 35.3 | Remove specific call type                        | Changes are saved                     | Changes are saved               | Pass       |

**Table 37. Remove existing call type**

**Test Name:** Test Case 36: **Edit existing call status**

**Description:** Edit existing call status

**Prerequisites:**

| Step | Operator Action                                  | Expected Results                                | Observed Results                                | Pass/ Fail |
|------|--|---|---|------------|
| 36.1 | Put mouse on Calls drop-down menu in back office | Drop-down menu will show the contents           | Drop-down menu is shown content                 | Pass       |
| 36.2 | Click on Call Statuses from menu                 | Opened Call Statuses page                       | Call Statuses page is opened.                   | Pass       |
| 36.3 | Click on specific call status to edit            | Form filled with existing data is shown         | Form filled with existing data is shown         | Pass       |
| 36.4 | Modify existing call status                      | Form is filled with new data                    | Form is filled with new data                    | Pass       |
| 36.5 | Submit changes                                   | Changes are saved                               | Changes are saved                               | Pass       |
| 36.6 | Some fields are incorrectly filled in            | Alert about incorrectly filled fields are shown | Alert about incorrectly filled fields are shown | Pass       |

**Table 38. Edit existing call status**

**Test Name:** Test Case 37: **Remove existing call status**

**Description:** Remove existing call status

**Prerequisites:**

| Step | Operator Action                                  | Expected Results                      | Observed Results                | Pass/ Fail |
|------|--|---------------------------------------|---------------------------------|------------|
| 37.1 | Put mouse on Calls drop-down menu in back office | Drop-down menu will show the contents | Drop-down menu is shown content | Pass       |

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

|      |                                  |                           |                               |      |
|------|----------------------------------|---------------------------|-------------------------------|------|
| 37.2 | Click on Call Statuses from menu | Opened Call Statuses page | Call Statuses page is opened. | Pass |
| 37.3 | Remove specific call status      | Changes are saved         | Changes are saved             | Pass |

**Table 39. Remove existing call status**

**Test Name:** Test Case 38: **Edit existing application status**

**Description:** Edit existing application status

**Prerequisites:**

| Step | Operator Action  | Expected Results                                | Observed Results                                | Pass/ Fail |
|------|--|---|---|------------|
| 38.1 | Put mouse on Application drop-down menu in back office | Drop-down menu will show the contents           | Drop-down menu is shown content                 | Pass       |
| 38.2 | Click on Application Statuses from menu                | Opened Application Statuses page                | Application Statuses page is opened             | Pass       |
| 38.3 | Click on specific application status to edit           | Form filled with existing data is shown         | Form filled with existing data is shown         | Pass       |
| 38.4 | Modify existing application status                     | Form is filled with new data                    | Form is filled with new data                    | Pass       |
| 38.5 | Submit new changes                                     | Changes are saved                               | Changes are saved                               | Pass       |
| 38.6 | Some fields are incorrectly filled in                  | Alert about incorrectly filled fields are shown | Alert about incorrectly filled fields are shown | Pass       |

**Table 40. Edit existing application status**

**Test Name:** Test Case 39: **Remove existing application status**

**Description:** Remove existing application status

**Prerequisites:**

| Step | Operator Action  | Expected Results                      | Observed Results                     | Pass/ Fail |
|------|--|---------------------------------------|--------------------------------------|------------|
| 39.1 | Put mouse on Application drop-down menu in back office | Drop-down menu will show the contents | Drop-down menu is shown content      | Pass       |
| 39.2 | Click on Application Statuses from menu.               | Opened Application Statuses page.     | Application Statuses page is opened. | Pass       |
| 39.3 | Remove specific application status.                    | Changes are saved.                    | Changes are saved.                   | Pass       |

**Table 41. Remove existing application status**



|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

**Test Name:** Test Case 40: **Edit existing attachment of the call**

**Description:** Edit existing attachment of the call

**Prerequisites:**

| Step | Operator Action                                  | Expected Results   | Observed Results   | Pass/ Fail |
|------|--|--|--|------------|
| 40.1 | Click on Calls from left menu in front office    | All Calls should be listed on page                                     | All calls are listed on page   | Pass       |
| 40.2 | Click on desired call from list                  | All call details should be displayed on page                           | All call details should be displayed on page                           | Pass       |
| 40.3 | Click on desired call from list                  | Attachment link and description should be displayed in Attachments tab | Attachment link and description should be displayed in Attachments tab | Pass       |
| 40.4 | Click on specific attachment of the call to edit | Form filled with existing data is shown                                | Form filled with existing data is shown                                | Pass       |
| 40.5 | Modify existing attachment of the call           | Form is filled with new data   | Form is filled with new data   | Pass       |
| 40.6 | Submit new changes                               | Changes are saved  | Changes are saved  | Pass       |
| 40.7 | Some fields are incorrectly filled in            | Alert about incorrectly filled fields are shown                        | Alert about incorrectly filled fields are shown                        | Pass       |

**Table 42. Edit existing attachment of the call**

**Test Name:** Test Case 41: **Remove existing attachment of the call**

**Description:** Remove existing attachment of the call

**Prerequisites:**

| Step | Operator Action                               | Expected Results   | Observed Results   | Pass/ Fail |
|------|---|--|--|------------|
| 41.1 | Click on Calls from left menu in front office | All Calls should be listed on page                                     | All calls are listed on page   | Pass       |
| 41.2 | Click on desired call from list               | All call details should be displayed on page                           | All call details should be displayed on page                           | Pass       |
| 41.3 | Click on Attachments tab on page              | Attachment link and description should be displayed in Attachments tab | Attachment link and description should be displayed in Attachments tab | Pass       |
| 41.4 | Remove existing attachment of                 | Changes are saved  | Changes are saved  | Pass       |

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

|  |          |  |  |  |
|--|----------|--|--|--|
|  | the call |  |  |  |
|--|----------|--|--|--|

**Table 43. Remove existing attachment of the call**

**Test Name:** Test Case 42: **Edit existing deadline for the call**

**Description:** Edit existing deadline for the call

**Prerequisites:**

| Step | Operator Action                                      | Expected Results                                | Observed Results                                | Pass/ Fail |
|------|--|---|---|------------|
| 42.1 | Put mouse on Calls drop-down menu in back office     | Drop-down menu will show the contents           | Drop-down menu will show the contents           | Pass       |
| 42.2 | Click on Deadlines from menu                         | Opened Deadlines page                           | Opened Deadlines page                           | Pass       |
| 42.3 | Click on specific call to edit the existing deadline | Form filled with existing data is shown         | Form filled with existing data is shown         | Pass       |
| 42.4 | Modify deadline for the call                         | Form is filled with new data                    | Form is filled with new data                    | Pass       |
| 42.5 | Submit new changes                                   | Changes are saved                               | Changes are saved                               | Pass       |
| 42.6 | Some fields are incorrectly filled in                | Alert about incorrectly filled fields are shown | Alert about incorrectly filled fields are shown | Pass       |

**Table 44. Edit existing deadline for the call**

**Test Name:** Test Case 43: **Remove existing deadline for the call**

**Description:** Remove existing deadline for the call

**Prerequisites:**

| Step | Operator Action                                  | Expected Results                                  | Observed Results                                  | Pass/ Fail |
|------|--|---|---|------------|
| 43.1 | Put mouse on Calls drop-down menu in back office | Drop-down menu will show the contents             | Drop-down menu will show the contents             | Pass       |
| 43.2 | Click on Deadlines from menu                     | Opened Deadlines page                             | Opened Deadlines page                             | Pass       |
| 43.3 | Select specific deadline for the call to remove  | Detail of specific deadline for the call is shown | Detail of specific deadline for the call is shown | Pass       |
| 43.4 | Remove existing deadline for the call            | Changes are saved                                 | Changes are saved                                 | Pass       |

**Table 45. Remove existing deadline for the call**

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

**Test Name:** Test Case 44: **Edit existing attachment of the application**

**Description:** Edit existing attachment of the application

**Prerequisites:**

| Step | Operator Action   | Expected Results   | Observed Results   | Pass/ Fail |
|------|---|--|--|------------|
| 44.1 | Put mouse on Attachment drop-down menu in back office and click on Attachment | Open Attachment page                                       | Open Attachment page                                       | Pass       |
| 44.2 | Click on specific attachment to edit  | Details of specific attachment with data and file is shown | Details of specific attachment with data and file is shown | Pass       |
| 44.3 | Modify existing data or file  | Form is filled with new data and file                      | Form is filled with new data and file                      | Pass       |
| 44.4 | Submit new changes  | Changes are saved  | Changes are saved  | Pass       |
| 44.5 | Some fields are incorrectly filled in   | Alert about incorrectly filled fields are shown            | Alert about incorrectly filled fields are shown            | Pass       |

**Table 46. Edit existing attachment of the application**

**Test Name:** Test Case 45: **Remove existing attachment of the application**

**Description:** Remove existing attachment of the application

**Prerequisites:**

| Step | Operator Action   | Expected Results                        | Observed Results                        | Pass/ Fail |
|------|---|---|---|------------|
| 45.1 | Put mouse on Application drop-down menu in back office and click on Application | Open application page                   | Open application page                   | Pass       |
| 45.2 | Click on desired application to edit application attachment                     | Form filled with existing data is shown | Form filled with existing data is shown | Pass       |
| 45.3 | Remove existing application attachment.   | Attachment is removed                   | Attachment is removed.                  | Pass       |
| 45.4 | Submit new changes.   | Changes are saved.                      | Changes are saved.                      | Pass       |

**Table 47. Remove existing attachment of the application**

**Test Name:** Test Case 46: **Edit existing attachment of the application to the deadline**

**Description:** Edit existing attachment of the application to the deadline

**Prerequisites:**

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

| Step | Operator Action  | Expected Results                                 | Observed Results                                 | Pass/ Fail |
|------|--|--|--|------------|
| 46.1 | Put mouse on Attachments drop-down menu in back office and click on Attachments. | Open attachment page.                            | Open attachment page.                            | Pass       |
| 46.2 | Click on desired application attachment to edit                                  | Form filled with existing data and file is shown | Form filled with existing data and file is shown | Pass       |
| 46.3 | Modify existing application attachment.  | Form is filled with new data.                    | Form is filled with new data.                    | Pass       |
| 46.4 | Submit new changes.  | Changes are saved.                               | Changes are saved.                               | Pass       |
| 46.5 | Some fields are incorrectly filled in.   | Alert about incorrectly filled fields are shown. | Alert about incorrectly filled fields are shown. | Pass       |

**Table 48. Edit existing attachment of the application to the deadline**

**Test Name:** Test Case 47: **Edit existing funding program**

**Description:** Edit existing funding program

**Prerequisites:** Admin (RECO) has access to the back office

| Step | Operator Action                               | Expected Results                                | Observed Results                                | Pass/ Fail |
|------|---|---|---|------------|
| 47.1 | Click on desired funding program to edit one. | Form filled with existing data is shown.        | Form filled with existing data is shown         | Pass       |
| 47.2 | Modify existing funding program               | Form is filled with new data                    | Form is filled with new data                    | Pass       |
| 47.3 | Submit new changes                            | Changes are saved                               | Changes are saved                               | Pass       |
| 47.4 | Some fields are incorrectly filled in         | Alert about incorrectly filled fields are shown | Alert about incorrectly filled fields are shown | Pass       |

**Table 49. Edit existing funding program**

**Test Name:** Test Case 48: **View all applications**

**Description:** View all applications

**Prerequisites:** Admin (RECO) has created call

| Step | Operator Action  | Expected Results                      | Observed Results                      | Pass/ Fail |
|------|--|---------------------------------------|---------------------------------------|------------|
| 48.1 | Put mouse on Application drop-down menu in back office | Drop-down menu will show the contents | Drop-down menu will show the contents | Pass       |

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

|      |  |                                      |                                      |      |
|------|--|--------------------------------------|--------------------------------------|------|
| 48.2 | Click on applications to view all applications | Details of all applications is shown | Details of all applications is shown | Pass |
|------|--|--------------------------------------|--------------------------------------|------|

**Table 50. View all applications**

**Test Name:** Test Case 49: **View specific application**

**Description:** View specific application

**Prerequisites:** Admin (RECO) has created call

| Step | Operator Action  | Expected Results                         | Observed Results                         | Pass/ Fail |
|------|--|--|--|------------|
| 49.1 | Put mouse on Application drop-down menu in back office | Drop-down menu will show the contents    | Drop-down menu will show the contents    | Pass       |
| 49.2 | Click on applications from menu                        | Opened applications page                 | Applications page is opened              | Pass       |
| 49.3 | Click on specific application to view details          | Details of specific application is shown | Details of specific application is shown | Pass       |

**Table 51. View specific application**

**Test Name:** Test Case 50: **View all call types**

**Description:** View all call types

**Prerequisites:** Admin (RECO) has created call

| Step  | Operator Action                                  | Expected Results                              | Observed Results                              | Pass/ Fail |
|-------|--|---|---|------------|
| 50.1  | Put mouse on Calls drop-down menu in back office | Drop-down menu will show the contents         | Drop-down menu is shown content               | Pass       |
| 50.2. | Click on calls to view all call type             | Details of all calls with call types is shown | Details of all calls with call types is shown | Pass       |

**Table 52. View all call types**

**Test Name:** Test Case 51: **View specific call type**

**Description:** View specific call type

**Prerequisites:** Admin (RECO) has created call

| Step | Operator Action                                  | Expected Results                      | Observed Results                | Pass/ Fail |
|------|--|---------------------------------------|---------------------------------|------------|
| 51.1 | Put mouse on Calls drop-down menu in back office | Drop-down menu will show the contents | Drop-down menu is shown content | Pass       |
| 51.2 | Click on Calls from menu                         | Opened calls page                     | Calls page is opened            | Pass       |
| 51.3 | Select specific call to view the                 | Details of specific call              | Details of specific             | Pass       |

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

|  |           |                         |                              |  |
|--|-----------|-------------------------|------------------------------|--|
|  | call type | with call type is shown | call with call type is shown |  |
|--|-----------|-------------------------|------------------------------|--|

**Table 53. View specific call type**

**Test Name:** Test Case 52: **View all call statuses**

**Description:** View all call statuses

**Prerequisites:** Admin (RECO) has created call

| Step | Operator Action                                     | Expected Results                            | Observed Results                            | Pass/ Fail |
|------|---|---|---|------------|
| 52.1 | Put mouse on Calls drop-down menu in back office    | Drop-down menu will show the contents       | Drop-down menu is shown content             | Pass       |
| 52.2 | Click on Calls from menu to view all calls statuses | Details of all calls with statuses is shown | Details of all calls with statuses is shown | Pass       |

**Table 54. View all call statuses**

**Test Name:** Test Case 53: **View specific call status**

**Description:** View specific call status

**Prerequisites:** Admin (RECO) has created call

| Step | Operator Action                                  | Expected Results                                     | Observed Results                                     | Pass/ Fail |
|------|--|--|--|------------|
| 53.1 | Put mouse on Calls drop-down menu in back office | Drop-down menu will show the contents                | Drop-down menu is shown content                      | Pass       |
| 53.2 | Click on Calls from menu                         | Opened calls page                                    | Calls page is opened                                 | Pass       |
| 53.3 | Select specific call to view the call status     | Details about the specific call with status is shown | Details about the specific call with status is shown | Pass       |

**Table 55. View specific call status**

**Test Name:** Test Case 54: **View all deadlines for the call**

**Description:** View all deadlines for the call

**Prerequisites:** Admin (RECO) has created call

| Step  | Operator Action                                  | Expected Results                                  | Observed Results                                  | Pass/ Fail |
|-------|--|---|---|------------|
| 54.1  | Put mouse on Calls drop-down menu in back office | Drop-down menu will show the contents             | Drop-down menu is shown content                   | Pass       |
| 54.2. | Click on deadlines to view all deadline          | Details about all deadlines for the call is shown | Details about all deadlines for the call is shown | Pass       |

**Table 56. View all deadlines for the call**

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

**Test Name:** Test Case 55: **View specific deadline for the call**  
**Description:** View specific deadline for the call  
**Prerequisites:** Admin (RECO) has created call

| Step  | Operator Action                                  | Expected Results                      | Observed Results                     | Pass/ Fail |
|-------|--|---------------------------------------|--------------------------------------|------------|
| 55.1  | Put mouse on Calls drop-down menu in back office | Drop-down menu will show the contents | Drop-down menu is shown content      | Pass       |
| 55.2  | Click on Deadlines from menu                     | Opened deadlines page                 | Deadlines page is opened             | Pass       |
| 55.3. | Select specific call to view the deadline        | Details about specific call is shown  | Details about specific call is shown | Pass       |

**Table 57. View specific deadline for the call**

**Test Name:** Test Case 56: **View all application statuses**  
**Description:** View all application statuses  
**Prerequisites:** 1. Admin (RECO) has created call  
2. Researcher applied for a call

| Step | Operator Action  | Expected Results                          | Observed Results                          | Pass/ Fail |
|------|--|---|---|------------|
| 56.1 | Put mouse on Application drop-down menu in back office         | Drop-down menu will show the contents     | Drop-down menu is shown content           | Pass       |
| 56.2 | Click on Applications from menu to view all application status | List of all application statuses is shown | List of all application statuses is shown | Pass       |

**Table 58. View all application statuses**

**Test Name:** Test Case 57: **View specific application status**  
**Description:** View specific application status  
**Prerequisites:** 1. Admin (RECO) has created call  
2. Researcher applied for a call

| Step | Operator Action  | Expected Results                       | Observed Results                       | Pass/ Fail |
|------|--|--|--|------------|
| 57.1 | Put mouse on Application drop-down menu in back office | Drop-down menu will show the contents  | Drop-down menu is shown content        | Pass       |
| 57.2 | Click on Applications from menu                        | Opened Applications page               | Applications page is opened            | Pass       |
| 57.3 | Select specific application to view the status         | Details about the application is shown | Details about the application is shown | Pass       |

**Table 59. View specific application status**

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

**Test Name:** Test Case 58: **View all funding programs**

**Description:** View all funding programs

**Prerequisites:**

| Step | Operator Action   | Expected Results                      | Observed Results                      | Pass/ Fail |
|------|---|---------------------------------------|---------------------------------------|------------|
| 58.1 | Put mouse on Funding Agencies drop-down menu in back office     | Drop-down menu will show the contents | Drop-down menu will show the contents | Pass       |
| 58.2 | Click on funding program from menu to view all funding programs | List of all funding programs is shown | List of all funding programs is shown | Pass       |

**Table 60. View all funding programs**

**Test Name:** Test Case 59: **View specific funding program**

**Description:** View specific funding program

**Prerequisites:** There is at least one funding program

| Step | Operator Action   | Expected Results                               | Observed Results                               | Pass/ Fail |
|------|---|--|--|------------|
| 59.1 | Put mouse on Funding Agencies drop-down menu in back office | Drop-down menu will show the contents          | Drop-down menu will show the contents          | Pass       |
| 59.2 | Click on funding program from menu                          | Opened funding program page                    | Funding program page is opened                 | Pass       |
| 59.3 | Select specific funding program to view                     | Details about the funding program is displayed | Details about the funding program in displayed | Pass       |

**Table 61. View specific funding program**

**Test Name:** Test Case 60: **Remove existing funding program**

**Description:** Remove existing deadline for the call

**Prerequisites:**

| Step | Operator Action   | Expected Results                       | Observed Results                       | Pass/ Fail |
|------|---|--|--|------------|
| 60.1 | Put mouse on Funding agencies drop-down menu in back office | Drop-down menu will show the contents  | Drop-down menu will show the contents  | Pass       |
| 60.2 | Click on Funding programs from menu                         | Opened Funding programs page           | Opened Funding programs page           | Pass       |
| 60.3 | Select specific funding program to remove                   | Detail of specific funding programs is | Detail of specific funding programs is | Pass       |



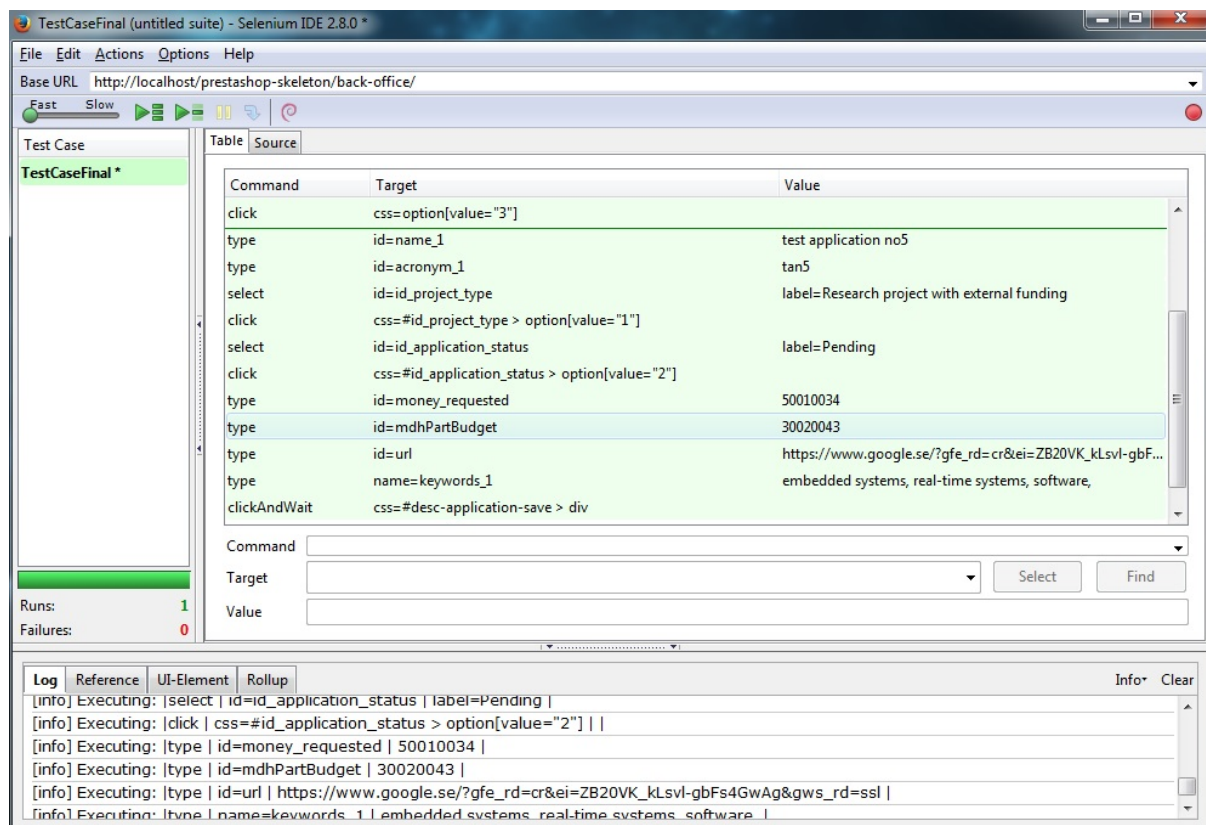
|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |

|      |                                 |                   |                   |      |
|------|---------------------------------|-------------------|-------------------|------|
|      |                                 | shown             | shown             |      |
| 60.4 | Remove existing funding program | Changes are saved | Changes are saved | Pass |

**Table 62. Remove existing deadline for the call**

#### 4. Functional testing

We use Selenium IDE<sup>1</sup> (Integrated Development Environment) Firefox extension for the purposes of functional testing. When we open extension’s window, we can start recording our activities on web pages. Each click, selection, added text or numerical value will be saved in test case. As soon as we finish with desired activities, recording has to be stopped. Saved test case can be played all over again in order to automatically test functionality. We also have a possibility to change values in our test cases. In the following figure are shown test steps captured from the application.



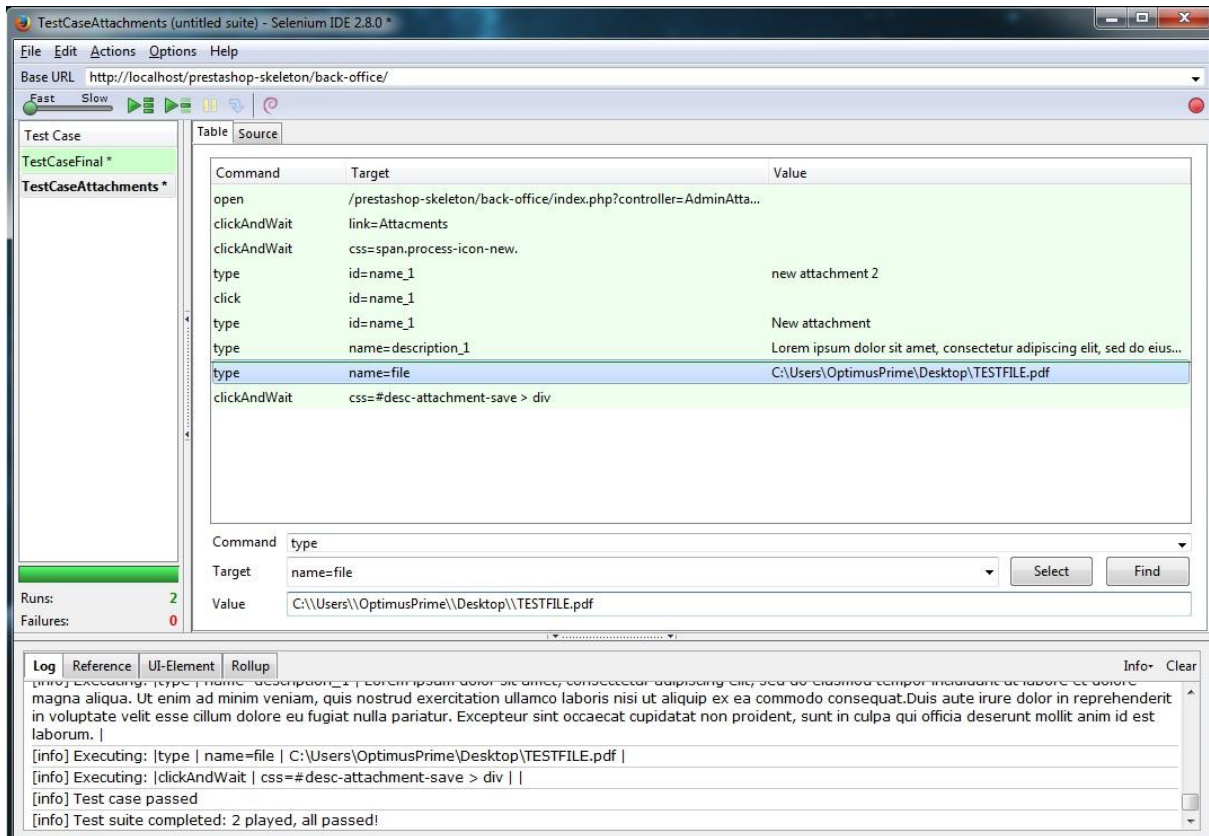
**Figure 1. Add application Selenium testing**

As it can be seen, in the Table, from the Figure 1., is listed a set of activities that are captured on Add Application page. Green color indicates that each step in testing process is passed. That confirms label Failures that has value 0.

Other test case is shown in the following figure.

<sup>1</sup> <http://www.seleniumhq.org/projects/ide/>

|               |                  |
|---------------|------------------|
| Call Calendar | Version: 2.0     |
| Test Report   | Date: 2015-01-16 |



**Figure 2. Adding attachment Selenium testing**