

Call Calendar	Version: 1.0
Acceptance Test Report	Date: 2014-12-31

Call Calendar



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Title:

Call Calendar

Course:

Distributed Software Development

Document:

Acceptance Test Report

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2014-12-27	0.1	Initial Draft	Biljana Stanić
2014-12-27	0.2	Added system overview, document overview	Biljana Stanić
2014-12-27	0.3	Added funding agency test cases	Marko Vuglec
2014-12-27	0.4	Added security measures	Biljana Stanić
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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 acceptance test cases for determining if the requirements of a specification are met. 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 acceptance test cases has been created.

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
MDH	Mälardalen University, Västerås, Sweden
FER	Faculty of Electrical Engineering and Computing, Zagreb, Croatia
DSD	Distributed Software Development
ES	Embedded Systems
RECO	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*

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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	Name	Description	Test case where verified
FR-01	Add new call	Add the call	1
FR-02	View all calls	View all past/active calls	13
FR-03	Filtering calls by agencies	Filter calls by funding agency’s name	14
FR-04	Filtering calls by status	Filtering calls by status (past/active)	14
FR-05	View specific call	Detail view of specific call	15
FR-06	Send notification to researchers	Send email notification to all researchers who are interested in call	2
FR-07	Adding application form to the call	Researcher’s application is added to the specific call	5
FR-08	Storing application’s forms	All created applications are saved and stored	5
FR-09	Viewing and generating reports about the call	Generate report with all important information about the specific call	10
FR-10	Generating reports about all applications for the call	Generate report about all applications for the specific call	10
FR-11	Custom filters and possibility to export results to excel	Filter calls and export retrieved data to excel file	10, 11, 14
FR-12	Custom filter - option to choose which fields to return	Filter calls using custom fields	14
FR-13	Create a project	The project should be created once the application is labeled as “granted”	8
FR-14	Create a news feed	For every granted application should be created a news feed on the web page	9

Table 2. Functional requirements

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3. Test cases

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

3.1 Funding agency

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

Step	Operator Action	Expected Results	Observed Results	Pass/ Fail
1. 1.	Funding agency clicks new call	“New call” empty form is displayed	“New call” empty form is opened	Pass
2. 2.	Funding agency fills in the form	All required fields are marked with a star	All required fields are marked with a star	Pass
3. 3.	Funding agency 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
4. 4.	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
5. 1.	Funding agency 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, but notifications are not sent	Fail

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. Funding Agency has access to back office
2. Funding Agency has created call

Step	Operator Action	Expected Results	Observed Results	Pass/ Fail
6. 1.	Funding agency chooses to edit previously made call	Form filled with existing data is shown	Form filled with existing data is shown	Pass
7.2.	Funding agency makes changes	Form is filled with new data	Form is filled with new data	Pass

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8.3	Funding agency submits changes	Changes are saved	Changes are saved	Pass
9.4.	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. Funding Agency has created call

Step	Operator Action	Expected Results	Observed Results	Pass/ Fail
10. 1.	Funding Agency decides to remove existing call	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: Funding Agency should be able to add new application for the call.
Prerequisites: 1. Funding Agency has access to back office

Step	Operator Action	Expected Results	Observed Results	Pass/ Fail
11. 1.	Funding agency clicks new application	“New Application” empty form is displayed	“New Application” empty form is opened	Pass
12. 2.	Funding agency fills in the form	All required fields are marked with a star	All required fields are marked with a star	Pass
13. 3.	Funding agency 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
14. 4.	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. Funding Agency has created call
2. Researcher applied for a call

Step	Operator Action	Expected Results	Observed Results	Pass/ Fail
15. 1.	Funding Agency views all applications for a specific call	All applications of the specific call are listed	All applications of the specific call are listed	Pass

Table 8. View all call's applications

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

Step	Operator Action	Expected Results	Observed Results	Pass/ Fail
16. 1.	Funding Agency picks application to grant	Application is selected	Application is selected	Pass
17.2.	Funding Agency grant application for a certain call	Application is granted and new project is created	Application is granted and new project is created	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
18. 1.	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

Step	Operator Action	Expected Results	Observed Results	Pass/ Fail
19. 1.	Application is granted	News about the application is automatically created and published in front-office	Application is granted but news are not generated	Fail

Table 11. Publish granted application on news page test case

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

Step	Operator Action	Expected Results	Observed Results	Pass/ Fail
20. 1.	Funding agency chooses to generate the report	Report is generated and offered to be saved	No action is shown	Fail

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

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

Step	Operator Action	Expected Results	Observed Results	Pass/ Fail
21. 1.	Funding agency chooses fields to include in generated report	Report is generated with selected fields and offered to be saved	No action is shown	Fail

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

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

Step	Operator Action	Expected Results	Observed Results	Pass/ Fail
22. 1.	Funding Agency selects application that it wants to deny	Details about the application are shown	Details about the application are shown	Pass
23.2.	Funding Agency 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
24. 1.	Researcher clicks on Calls in navigation	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: -

Step	Operator Action	Expected Results	Observed Results	Pass/ Fail
25. 1.	Researcher chooses 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

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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
26. 1.	Researcher chooses specific call	Details about the call is displayed	Details about the call is displayed	Pass

Table 17. View details about specific call test case