



# Call Calendar Beta presentation

Distributed Software Development  
2014/2015

Damian Marušić, Marko  
Vuglec, Hrvoje Pavlović



# Team members



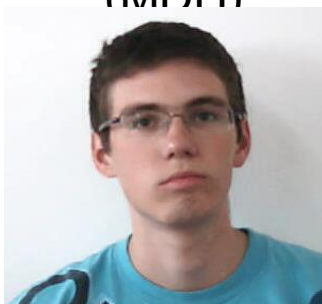
**Biljana  
Stanić**  
(MDH)



**Marko  
Veličković**  
(MDH)



**Hrvoje  
Pavlović**  
(FER)



**Damian  
Marušić**  
(MDH/FER)



**Md. Abdur  
Razzaque**  
(MDH)



**Marko Vuglec**  
(FER)

# Content

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# Project Overview

- ❖ Customers: Malin Rosqvist & Irfan Šljivo
- ❖ Enable researchers to find a perfect project call
- ❖ Enable customers easier manipulation with applications and projects
- ❖ Functionalities: calls, applications, reports, automatic project and news creation



# Important Events

- ❖ Meeting with customers
- ❖ Refined requirements, added new details
- ❖ Presented alpha prototype
- ❖ Completed database design
- ❖ Implemented database
- ❖ Implemented high and medium priority user requirements

# Changes in product

## ❖ Database changes

- updated: call\_attachment, call, deadline, customer, application\_attachment
- dropped: call\_interest, keywords, keywords\_researcher, deadline\_type, member
- added: application\_customer, application\_status

## ❖ Changes in implementation

- keywords implementation changed
  - removed interests solution
- deadline implementation changed
  - removed predefined deadlines

# Database structure

## ❖ Call

- call\_type, call\_status, call\_deadline, deadline, call\_attachment
- funding\_agency, attachment

## ❖ Application

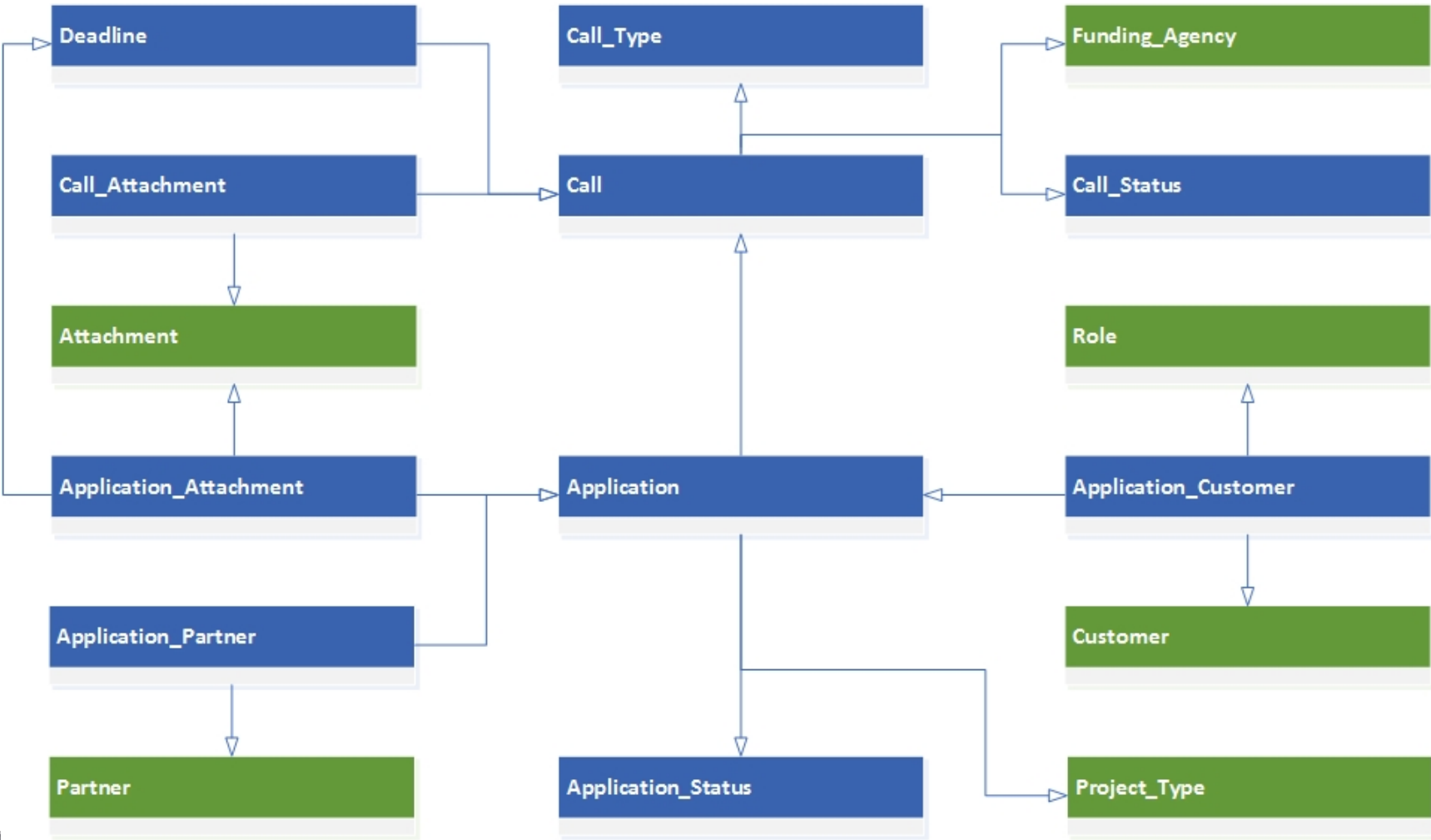
- application\_status, application\_partner, application\_customer, application\_attachment
- call, deadline
- partner, project\_type, role, customer, attachment

- customer - keywords

## ❖ Project



# Database structure diagram





# Biljana Stanić

## ❖ 2nd sprint:

- Updating Project Plan document
- Working on Requirements, Definition Document and Design Description Document
- Set up local environment for development
- Making Status presentation

## ❖ 3rd sprint:

- Design and implement application views - Call,
- Functional testing
- Finish Call part of project
- Design and implement application views - Application
- Check testing of AJAX components with Selenium IDE

# Marko Veličković

## ❖ 2nd sprint:

- Updating Project Plan document
- Working on Design Description document
- Set up local environment for development
- Making Status presentation

## ❖ 3rd sprint:

- Design and implement application views - Call
- Functional testing
- Finish Call part of project
- Design and implement application views - Application

# Hrvoje Pavlović

## ❖ 2nd sprint:

- Updating Project Plan document
- Working on Design Description document
- Set up local environment for development
- Making Status presentation
- Working on database design
- Setting up mirror server

## ❖ 3rd sprint:

- Work on application models and controllers-Application
- Database design and implementation

# Damian Marušić

## ❖ 2nd sprint:

- Updating Project Plan document
- Working on Design Description document
- Set up local environment for development
- Making Status presentation

## ❖ 3rd sprint:

- Read Prestashop documentation and doing research
- Work on application models and controllers-Call
- Work on application models and controllers-Application
- Work on server setup and transfer from localhost to live server

# Md. Abdur Razzaque

## ❖ 2nd sprint:

- Updating Project Plan document
- Working on Design Description document
- Set up local environment for development
- Making Status presentation

## ❖ 3rd sprint:

- Read Prestashop documentation and doing research
- Work on application models and controllers-Call
- Work on application models and controllers-Application
- Check PHPUnit testing

# Marko Vuglec

## ❖ 2nd sprint:

- Updating Project Plan document
- Working on Requirements, Definition Document and Design Description Document
- Set up local environment for development
- Making Status presentation
- Working on database design
- Setting up mirror server
- Researching about git

## ❖ 3rd sprint:

- Database design and implementation
- Work on server setup and transfer from localhost to live server

# Current Project Status: Achievements

Sprint and date	Planned	Achieved	Details
01.12.- 14.12.	Full database deployment and link local to server	<b>100%</b>	DONE!
	Documentation	<b>80%</b>	Documents are incomplete
	Presentations	<b>100%</b>	DONE!
	Communication with customer	<b>100%</b>	Clarified requirements
	Finish Call implementation	<b>100%</b>	Missing document part and deadlines

# Current Project Status: Achievements

Sprint and date	Planned	Achieved	Details
01.12.- 14.12.	Implement Application part	<b>100%</b>	DONE!
	Create custom filters	<b>0%</b>	Moved into the next sprint
	Prepare live beta product demo	<b>100%</b>	Clarified requirements
	Documents tests and results of testing	<b>40%</b>	Missing document part and deadlines



# Current Project Status: Call Part results

- ❖ First part of our system
- ❖ Exists in front-office and back-office
  
- ❖ Implemented functionalities:
  - Add new:
    - call
    - call type
    - call status
    - attachment to call
    - call deadline

# Current Project Status: Call Part results

- ❖ Implemented functionalities:
  - View:
    - all calls
    - specific call
    - all attachments in one call
  - Filtering calls by:
    - agencies
    - status
  - Download attachment from call
  - **Send notification to researchers**

# Current Project Status: Application part results

- ❖ Second part of our system
- ❖ Exists in back-office
- ❖ Adding interested parties (applicants) to call
  
- ❖ Implemented functionalities:
  - Add new:
    - application status,
    - application form to the call,
    - attachment to application,
    - **add attachment to deadline**
  - Storing application's form
  - **Create: project (from granted application)**
  - **Create a news feed (from granted application)**

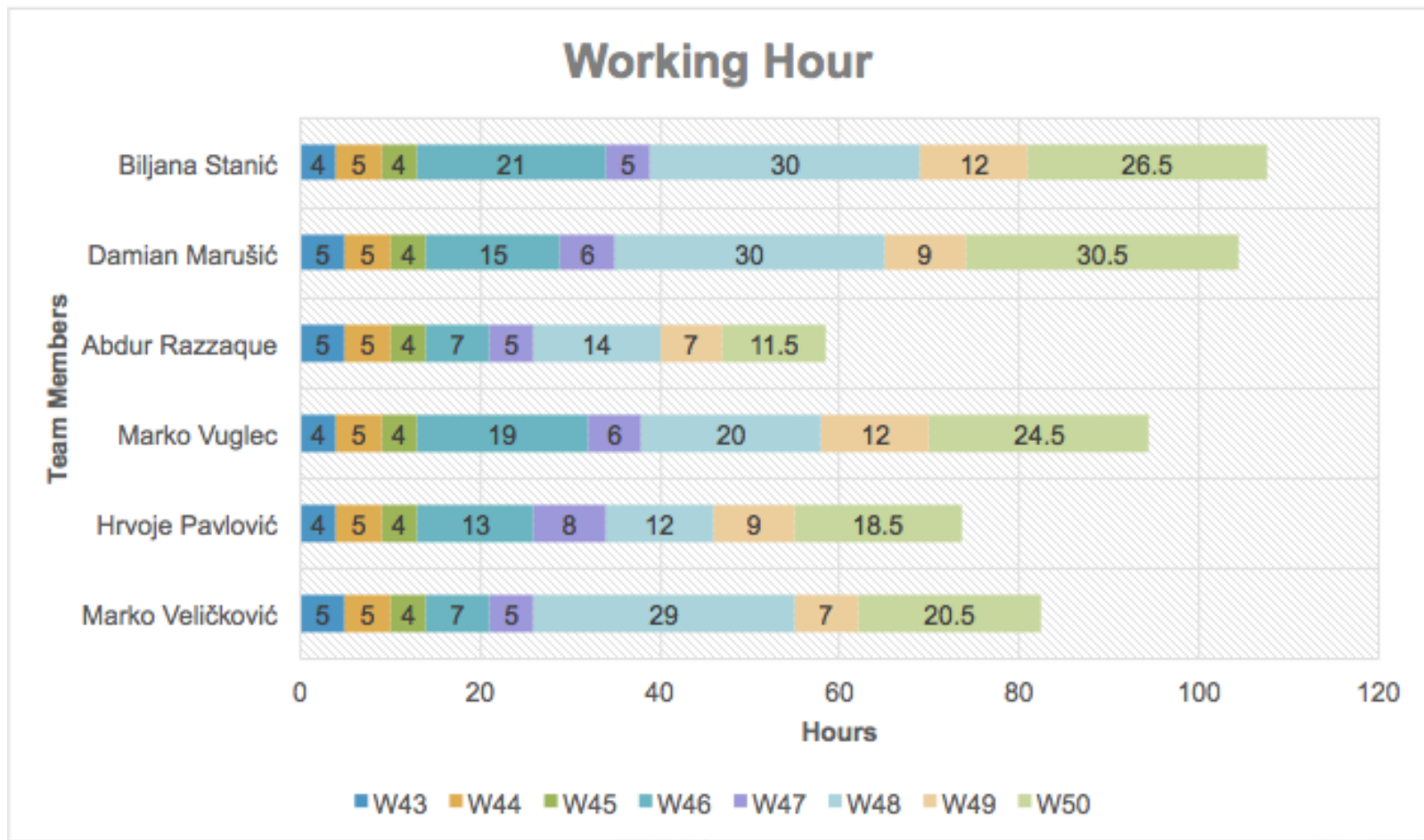
# Current Project Status:

## Reports part results

- ❖ Third part of our system
- ❖ Exists in back-office
- ❖ Functionalities:
  - Viewing and generating reports about the call
  - Generating reports about all applications for the call
  - Custom filters and possibility to export results to excel
  - Custom filter - option to choose which fields to return

# Current Project Status: Working hours

❖ Last week - 132 Hours and Total - 521 Hours



# Work hours through sprints

Member	1st sprint	2nd sprint	3rd sprint	4th sprint	Total
Biljana Stanić	9	25	35	38.5	107.5
Damian Marušić	10	19	36	39.5	104.5
Md. Abdur Razzaque	10	11	19	18.5	58.5
Marko Vuglec	9	23	26	36.5	94.5
Hrvoje Pavlović	9	17	20	27.5	73.5
Marko Veličković	10	11	34	27.5	82.5
Total	57	106	170	188	521

# Project Management Tools

- ❖ Tools that we use during our project development:
  - Project tracking
    - Github
  - Documentation
    - Google Drive
  - Communication
    - Skype, Viber, Email
  - Testing
    - Selenium IDE

# Experiences

- ❖ Learning PrestaShop is time consuming
- ❖ Problems with implementing attachment functionalities
- ❖ Unplanned activities



# Testing

## ❖ Functional testing - Selenium IDE

The screenshot displays the Selenium IDE 2.8.0 interface. The window title is "TestCaseB2 (untitled suite) - Selenium IDE 2.8.0". The Base URL is set to "http://localhost/prestashop-skeleton/back-office/". The interface is divided into several sections:

- Test Case:** Shows "TestCaseB2".
- Table:** A table listing test commands, their targets, and values.
- Command:** A dropdown menu currently showing "type".
- Target:** A dropdown menu showing "name=keywords\_1".
- Value:** A text input field containing "word1 word 2 word3".
- Log:** A log window showing the execution of the test case, including the command "type | id=url | http://www.es.mdh.se/divisions /18-Division\_of\_Research\_Coordination |", "type | name=keywords\_1 | word1 word 2 word3 |", and "clickAndWait | css=span.process-icon-save. | |". The log concludes with "[info] Test suite completed: 1 played, all passed!".

Command	Target	Value
select	id=id_call	label=Call 2
click	css=option[value="2"]	
type	id=name_1	new test application 1
type	id=acronym_1	nta1
select	id=id_project_type	label=Research project with...
click	css=#id_project_type > option[...	
select	id=id_application_status	label=Pending
click	css=#id_application_status > o...	
type	id=money_requested	1000022
type	id=mdhPartBudget	1005033
type	id=url	http://www.es.mdh.se/divis...
type	name=keywords_1	word1 word 2 word3
clickAndWait	css=span.process-icon-save.	

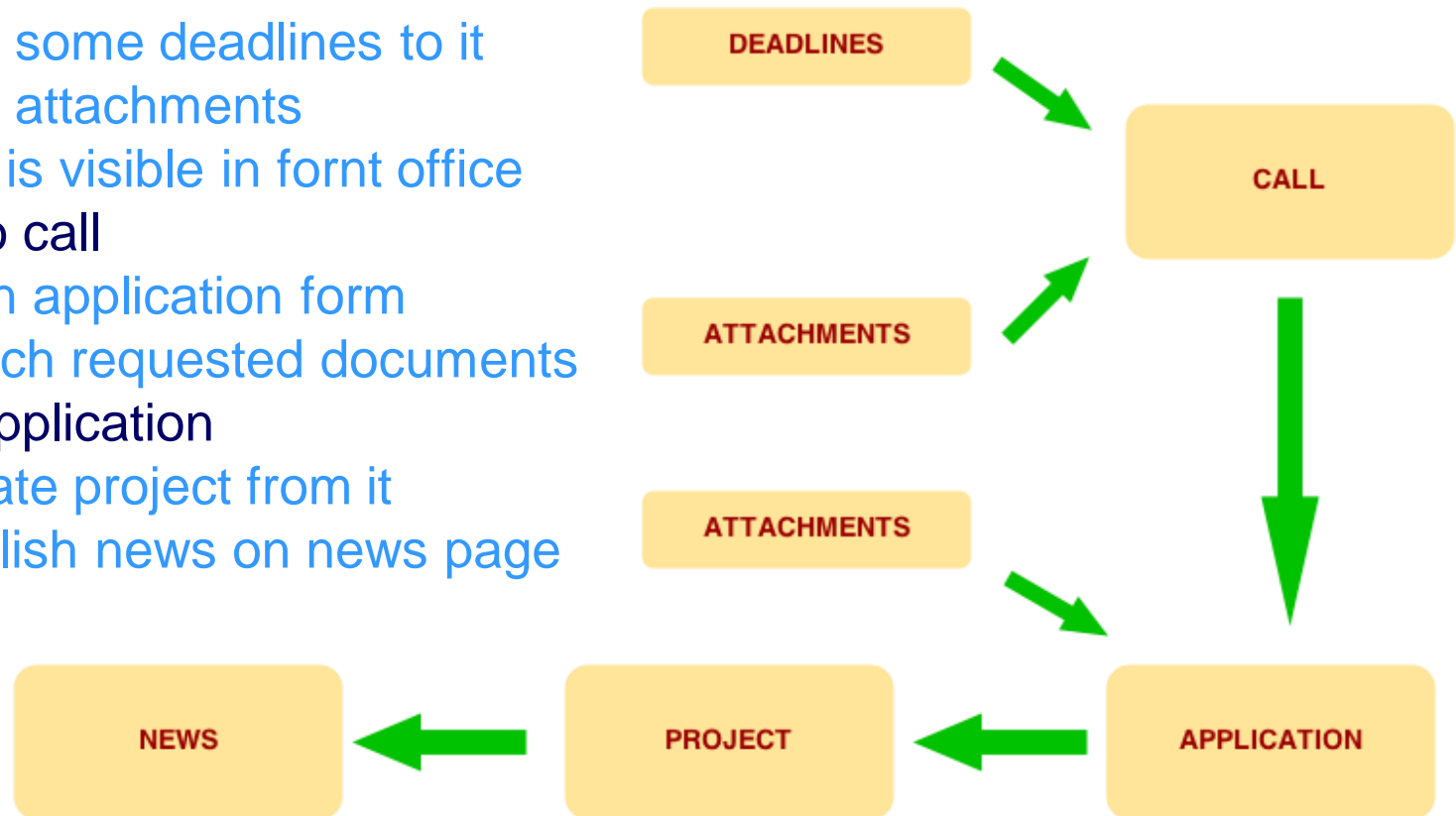
Runs: 1  
Failures: 0

Log Reference UI-Element Rollup Info Clear

```
[info] Executing: |type | id=url | http://www.es.mdh.se/divisions /18-Division_of_Research_Coordination |  
[info] Executing: |type | name=keywords_1 | word1 word 2 word3 |  
[info] Executing: |clickAndWait | css=span.process-icon-save. | |  
[info] Test suite completed: 1 played, all passed!
```

# Application workflow

- ❖ Create call
  - add some deadlines to it
  - add attachments
  - call is visible in front office
- ❖ Apply to call
  - fill in application form
  - attach requested documents
- ❖ Grant application
  - create project from it
  - publish news on news page



# Beta prototype demo



MÄLARDALEN UNIVERSITY  
SWEDEN

Mälardalen University

Home

People

Projects

Calls

MDH Home

IDT Home

IDT Education

## Call 1

**Status:** active  
**Type:** Call type 1  
**Funding agency:** EU FP7  
**Repeating:** YES

Description

Requirements

Partners

Attachments

Sed justo nibh, lacinia sit amet posuere eu, tincidunt a lacus. Duis eget metus a enim venenatis semper. Suspendisse vehicula massa a dolor consequat pellentesque. Nunc et odio eget ligula tincidunt euismod. Nulla convallis leo eu cursus luctus. Aenean gravida consectetur eros, vitae semper nibh ornare vel. Suspendisse dictum bibendum consequat. Sed at rutrum ipsum. Ut venenatis non ex in vestibulum. Aenean ornare nunc dapibus erat fermentum dictum. Proin pulvinar diam vitae ligula bibendum, ac tincidunt mauris mollis. Praesent aliquet posuere lobortis. Duis enim orci, finibus quis lorem nec, tincidunt tincidunt lectus. Nam mollis volutpat massa sed lacinia. Fusce scelerisque at mi malesuada mollis.

EMBEDDED SYSTEMS

MDH | IDT | ES | IPR | Admin



FUNDING AGENCIES



The RECO Call Calendar is maintained by the Division of Research Coordination

Thank you!

Questions?

