

# Process report



## ProP

**Group : MAD projects (ProP-17)**

**Group Members:**

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**Fontys ICT**

English stream

**Date :**

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## Revision history

Version	Description
0.1	Added week 1 Minutes and Who did what
0.2	Added week 2 Minutes and Who did what
0.3	Added week 3 Minutes and Who did what
0.4	Added week 4 Minutes and Who did what
0.5	Added week 5 Minutes and Who did what
0.6	Added week 6 Minutes and Who did what
0.7	Added week 7 Minutes and Who did what
0.8	Added week 8,9,10,11,12,13 Minutes and Who did what

# 1. Global work division

## 2. Weeks

### 2.1. Week 1

#### 2.1.1. Minutes

Place	Date	Time
Fontys	5 <sup>th</sup> of February	12:45-13:45
Online meeting	9 <sup>th</sup> of February	12:00-16:00
Online meeting	10 <sup>th</sup> of February	15:00-18:00
Individual work	-	-

#### 2.1.2. Who did what

Name of the member	What was done
Maria Khovanskaya	Brainstorming project, communicating with teachers, creating project plan structure, assembling parts of draft plan, deliverables
Dimitar Ivanov	Brainstorming project, creating project logo, estimation of deliverables
David Hooi	Brainstorming project, creating project name, project goal and description, deliverables,
Martin Grigorov	Brainstorming project, creating project name, estimation of deliverables

### 2.2. Week 2

#### 2.2.1. Minutes

Place	Date	Time
Fontys	11 <sup>th</sup> of February	11:30-13:00
Fontys	12 <sup>th</sup> of February	12:00-16:00
Online meeting	16 <sup>th</sup> of February	10:00-14:00
Individual work	-	-

#### 2.2.2. Who did what

Name of the member	What was done
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Maria Khovanskaya	Brainstorming project, communicating with teachers, creating agenda's report, creating process report, assembling parts of project plan, version overview edited
Dimitar Ivanov	Brainstorming project, introduction and current situation of project
David Hooi	Brainstorming project, risks of project
Martin Grigorov	Brainstorming project, constraints of project, uploading files to Git

## 2.3. Week 3

### 2.3.1. Minutes

Place	Date	Time
Fontys	19 <sup>th</sup> of February	12:00-16:00
Online meeting	23 <sup>rd</sup> of February	16:00-19:00
Individual work	-	-

### 2.3.2. Who did what

#### David Hooi:

This week I mostly worked on the first version of the setup document. I did the use cases, functional requirements for the website/applications and the GUIs for the applications. I also did the client section for the project plan and the helped with the tasks and milestones section

#### Martin Grigorov:

This week I was the group secretary. I took notes of the meeting. I started the list of our tasks, but i did mostly the first block. And it is not quite complete, because we have not discussed as a group who will do what.

#### Dimitar Ivanov:

This week, after discussing the layout of the website with the team. I started to work on the wireframe of the website.

#### Maria Khovanskaya:

This week, after discussing the team I started to create the entity relationship diagram of the database.

## 2.4. Week 4

### 2.4.1. Minutes

Place	Date	Time
Fontys	26 <sup>th</sup> of February	12:00-16:00
Online meeting	1 <sup>ST</sup> of March	16:00-19:00
Individual work David	4 <sup>th</sup> of March - 9 <sup>th</sup> of March	14:00-19:00
Individual work Maria	7 <sup>th</sup> of March - 9 <sup>th</sup> of March	16:00-20:00
Individual work Martin	6 <sup>th</sup> of March - 9 <sup>th</sup> of March	15:00-18:00
Individual work Dimitar	6 <sup>th</sup> of March - 10 <sup>th</sup> of March	16:00-18:00

### 2.4.2. Who did what

#### **David Hooi:**

This week I mostly worked on learning how to use WPF to improve the first version of the GUIs I made for the applications. After learning a bit I started remaking the GUIs with WPF. I was also the secretary so I took notes during the meeting and then updated the agenda.

#### **Martin Grigorov:**

This week I completed the time visualization of the task that the group needs to complete in this project.

#### **Dimitar Ivanov:**

This week, after discussing design of the website with the team. I started to work on the design of the website.

#### **Maria Khovanskaya:**

This week, after a discussion with team, I continued working on database, according to notes that were told by group and mentor.

## 2.5. Week 5

### 2.5.1. Minutes

Place	Date	Time
Fontys	12 <sup>th</sup> of March	12:00-16:00
Online meeting	14 <sup>th</sup> of March	16:00-19:00
Individual work David	13 <sup>th</sup> of March - 17 <sup>th</sup> of March	15:00-19:00
Individual work Maria	15 <sup>th</sup> of March – 17 <sup>th</sup> of March	16:00-20:00
Individual work Martin	16 <sup>th</sup> of March - 17 <sup>th</sup> of March	13:00-18:00
Individual work Dimitar	16 <sup>th</sup> of March - 17 <sup>th</sup> of March	13:00-18:00

### 2.5.2. Who did what

**David Hooi:**

This week I worked the GUIs of the applications. I continued remaking the first designs of the GUIs and I also updated the setup document because we taught of more features and a extra application.

**Martin Grigorov:**

I did GUI for the admin app the employee window and for the loan stand.

**Dimitar Ivanov:**

I worked on the visual aspects of the website

**Maria Khovanskaya:**

I finished ERD and made database creation SQL code. I also made some small changes in documents.

## 2.6. Week 6

### 2.6.1. Minutes

Place	Date	Time
Fontys	19 <sup>th</sup> of March	12:00-16:00
Individual work David	20 <sup>th</sup> of March - 24 <sup>th</sup> of March	15:00-19:00
Individual work Maria	20 <sup>th</sup> of March – 22 <sup>th</sup> of March	16:00-19:00
Individual work Martin	20 <sup>th</sup> of March - 25 <sup>th</sup> of March	16:00-18:00
Individual work Dimitar	20 <sup>th</sup> of March - 25 <sup>th</sup> of March	16:00-18:00

### 2.6.2. Who did what

**David Hooi:**

This week I worked on completing the GUIs of the applications. I continued remaking the first designs of the GUIs and I also updated some of the use cases in the setup document.

**Martin Grigorov:**

This week I worked on completing the GUIs of the applications

**Dimitar Ivanov:**

I worked on the visual aspects of the website

**Maria Khovanskaya:**

I created use cases diagrams for website and application, edited existing use cases. I also made some more changed in ERD according to new ideas our team had after discussing applications.



## 2.7. Week 7

### 2.7.1. Minutes

Place	Date	Time
Fontys	26 <sup>th</sup> of March	12:00-16:00
Individual work David	27 <sup>th</sup> of March - 29 <sup>th</sup> of March	16:00-20:00
Individual work Maria	27 <sup>th</sup> of March – 28 <sup>th</sup> of March	16:00-20:00
Individual work Martin	28 <sup>th</sup> of March - 30 <sup>th</sup> of March	16:00-18:00
Individual work Dimitar	27 <sup>th</sup> of March - 29 <sup>th</sup> of March	17:00-19:00

### 2.7.2. Who did what

#### **David Hooi:**

This week I worked on the GUIs of the applications. I edited setup document, finalizing it and adding agreements with client.

#### **Martin Grigorov:**

I worked with agenda's of meeting and finalizing documents, adding logos and all the necessary information.

#### **Dimitar Ivanov:**

I worked on the website creation and editing, I also updated visual overview of time in project plan.

#### **Maria Khovanskaya:**

I edited documents, completing them with missing information (like page of content and title pages). I finalized ERD and SQL code for it, made a to-do file with list of required changes and divided the work among group.

## 2.8. Week 8 – Exam week

## 2.9. Week 9 – Exam week

## 2.10. Week 10

### 2.10.1. Minutes

Place	Date	Time
Fontys	16 <sup>th</sup> of April	12:00-16:00
Individual work David	16 <sup>th</sup> – 19 <sup>th</sup> of April	13:00-19:00
Individual work Maria	15 <sup>th</sup> – 17 <sup>th</sup> of April	16:00-19:00
Individual work Martin	15 <sup>th</sup> – 17 <sup>th</sup> of April	12:00-16:00
Individual work Dimitar	16 <sup>th</sup> – 17 <sup>th</sup> of April	12:00-15:30

### 2.10.2. Who did what

#### David Hooi:

In week 10 i learned how to code using viewmodels and models. I also started using Commands. I implemented logging in the applications and uploaded the database to the server.

#### Martin Grigorov:

Worked on documentation, time management and applications.

#### Dimitar Ivanov:

I updated information and some design stuff in the website.

#### Maria Khovanskaya:

I researched php and database connection practices applicable for our project (website-database connection and good queries). I studied use cases for website and was making a draft of php implementation. The project folder was sorted so that all the files would be in suitable folders.

## 2.11. Week 11

### 2.11.1. Minutes

Place	Date	Time
Fontys	23 <sup>rd</sup> of April	12:00-16:00
Individual work David	23 <sup>rd</sup> of April – 26 <sup>th</sup> of April	13:00-19:00
Individual work Maria	22 <sup>nd</sup> of April – 24 <sup>th</sup> of April	16:00-19:00
Individual work Martin	22 <sup>st</sup> of April – 24 <sup>th</sup> of April	13:00-16:00
Individual work Dimitar	23 <sup>rd</sup> of April – 25 <sup>th</sup> of April	13:00-15:30

### 2.11.2. Who did what

#### David Hooi:

This week i worked on the shop application. I implemented:

- Can now get items from database
- Show items in tabs with picture and stock
- Can search for items
- Can select item and show in listview

Also implementing rfid scanning library

Make employee only see the apps they have access to

Can now inspect employee which show there information

**Martin Grigorov:**

Worked on apps and checked if the database is suitable for the app.

**Dimitar Ivanov:**

I updated the agenda and process report and searched how to implement php in the website.

**Maria Khovanskaya:**

Tested php implementation that was developing during week 10 on my own server. After several successful tests it was decided to make my server the working server of our website.

## 2.12. Week 12

### 2.12.1. Minutes

Place	Date	Time
Fontys	7 <sup>th</sup> of May	12:00-16:00
Individual work David	7 <sup>th</sup> - 10 <sup>th</sup> of May	13:00-19:00
Individual work Maria	7 <sup>th</sup> - 9 <sup>th</sup> of May	16:00-19:00
Individual work Martin	6 <sup>th</sup> - 9 <sup>th</sup> of May	13:00-16:00
Individual work Dimitar	7 <sup>th</sup> - 9 <sup>th</sup> of May	13:00-15:30

### 2.12.2. Who did what

**David Hooi:**

This week i used Zxing and Aforge libarys to create a qr scanner that is used in the Check in video.

Window title changes when user logins

Can now get visitor from qr code

Added background music and some sound effects

Get camping information from rfid chip

Added regex to converter app so that incorrect formats turn red, the date of the file is also shown

Can now add employee

remove employee

Added back button if user has access to more than one apps and they are in a app

Shop option is only availbe when job description has shop app in it

Impleteted conveters

**Martin Grigorov:**

I worked on the app. Made some small changes on our classes.

**Dimitar Ivanov:**

I fixed some CSS problems on the website and changed some php implementations.

**Maria Khovanskaya:**

Assembled everything that was developed the previous weeks and implemented it. Most of the use cases for website were covered in the developed solution. Login, logout and session data storage was added. Menu bar was changed to be different for logged in and not logged in users. Registration was implemented with connection to the main working database. Info about user is displayed on profile page. A todo file with list

of not yet implemented tasks was created. Ticket purchase with merch selection was implemented, a special table in database was created for it. Topping up balance function was implemented.

## 2.13. Week 13

### 2.13.1. Minutes

Place	Date	Time
Fontys	14 <sup>th</sup> of May	12:00-16:00
Individual work David	14 <sup>th</sup> - 17 <sup>th</sup> of May	13:00-19:00
Individual work Maria	13 <sup>th</sup> - 15 <sup>th</sup> of May	16:00-19:00
Individual work Martin	13 <sup>th</sup> - 15 <sup>th</sup> of May	13:00-16:00
Individual work Dimitar	14 <sup>th</sup> - 16 <sup>th</sup> of May	13:00-15:30

### 2.13.2. Who did what

#### David Hooi:

This week i worked on starting to finish the apps. Mainly the checkin , shop and admin windows.

Can now sell ticket

can set rfid code of visitor

can now see camera in Check in view

switches tabs in shop view if search item is only in the other tab

Seperated items in food and beverage tabs

Made list with employees in admin view

#### Martin Grigorov:

I wrote us a To do list for the week.

Started The status view in the application. I made it possible to inspect how many people are expected for the event, how much event currency is sold and how much money the event made. I spent most of my time on SQL queries

#### Dimitar Ivanov:

I was working on Front end website and documents.

#### Maria Khovanskaya:

Fixed several bugs in php, implemented review use case with database usage. Updated todo for website.

After front-end fix – implemented possibility of leaving an anonymous review. Made it possible for reviews to be shown on reviews page, uploaded from database.

## 2.14. Week 14

### 2.14.1. Minutes

Place	Date	Time
Fontys	21 <sup>st</sup> of May	12:00-16:00
Individual work David	20 <sup>th</sup> -27 <sup>th</sup> of May	17:00-20:00

Individual work Maria	20 <sup>th</sup> – 22 <sup>nd</sup> of May	16:00 – 19:00
Individual work Martin		
Individual work Dimitar		

## 2.14.2. Who did what

### David Hooi:

This week I worked on implementing the camping, loan stand and checkout windows. I also worked on displaying information to the user. And started handling exceptions.

Implemented the following:

Send email to visitor that purchased ticket at the gate

Can now deselect shop and loan stand items in itemview

Pay for camping spot in camping window

Loan and return items at loanstand

Can increase loan days(amount of days the visitor wants to loan the item) for each item

Can now determine when an item is overdue and charge extra for that item. This happens at checkout and loanstand

Can see visitor balance and unreturned items in checkout window

Can checkout temporally or permanently

Can Change employee

Get jobs from database

### Martin Grigorov:

Finalized the status view of our app. Now the feature of inspecting the event is possible.

I was writing SQL queries most of the time. Made a To do list for next week.

### Dimitar Ivanov:

### Maria Khovanskaya:

Updated process report for the last several weeks.

## 2.15. Week 15

2.15.1. Minutes

2.15.2. Who did what

## 2.16. Week 16

2.16.1. Minutes

2.16.2. Who did what

**2.17. Week 17**  
2.17.1. Minutes  
2.17.2. Who did what

**2.18. Week 18**  
2.18.1. Minutes  
2.18.2. Who did what

**2.19. Week 19**  
2.19.1. Minutes  
2.19.2. Who did what

**2.20. Week 20**  
2.20.1. Minutes  
2.20.2. Who did what

## 3. Mark justification

### 3.1 Opinion about deserved mark

### 3.2 Justifying the mark

## 4. Individual reflections

### 4.1 Strong/weak traits that affected the project

### 4.2 Learning moments from the project

### 4.3 Evaluation of spent effort

### 4.4 Improvements for next project



## 5. Appendix A: Report of the interview with the client