ProP  
system for organizing a social event

Process Report

Course: ProP

Date: 27 February 2015

Group : D

Group Name: ProShots

Students: Ilia Nikushev **[321166]**

Georgi Chishirkov **[319354]**

Mikael Shaghelani Lor **[315860]** Angel Doychinov **[2507579]**

Table of Contents

[Preface 8](#_Toc422529141)

[Weekly Report 8](#_Toc422529142)

[[Week 2] 8](#_Toc422529143)

[Planned activities 8](#_Toc422529144)

[Performed activities 8](#_Toc422529145)

[Agreements 8](#_Toc422529146)

[Problems and Challenges 8](#_Toc422529147)

[Solutions and Decisions 8](#_Toc422529148)

[Extra achieved / completed 8](#_Toc422529149)

[Table with activities and hours per group member 8](#_Toc422529150)

[[Week 3] 8](#_Toc422529151)

[Planned activities 8](#_Toc422529152)

[Performed activities 8](#_Toc422529153)

[Agreements 8](#_Toc422529154)

[Problems and Challenges 8](#_Toc422529155)

[Solutions and Decisions 8](#_Toc422529156)

[Extra achieved / completed 8](#_Toc422529157)

[Table with activities and hours per group member 8](#_Toc422529158)

[[Week 4] 8](#_Toc422529159)

[Planned activities 8](#_Toc422529160)

[Performed activities 8](#_Toc422529161)

[Agreements 8](#_Toc422529162)

[Problems and Challenges 8](#_Toc422529163)

[Solutions and Decisions 8](#_Toc422529164)

[Extra achieved / completed 8](#_Toc422529165)

[Table with activities and hours per group member 8](#_Toc422529166)

[[Week 5] 8](#_Toc422529167)

[Planned activities 8](#_Toc422529168)

[Performed activities 8](#_Toc422529169)

[Agreements 8](#_Toc422529170)

[Problems and Challenges 8](#_Toc422529171)

[Solutions and Decisions 8](#_Toc422529172)

[Extra achieved / completed 8](#_Toc422529173)

[Table with activities and hours per group member 8](#_Toc422529174)

[[Week 6] 8](#_Toc422529175)

[Planned activities 8](#_Toc422529176)

[Performed activities 8](#_Toc422529177)

[Agreements 8](#_Toc422529178)

[Problems and Challenges 8](#_Toc422529179)

[Solutions and Decisions 8](#_Toc422529180)

[Extra achieved / completed 8](#_Toc422529181)

[Table with activities and hours per group member 8](#_Toc422529182)

[[Week 7] 8](#_Toc422529183)

[Planned activities 8](#_Toc422529184)

[Performed activities 8](#_Toc422529185)

[Agreements 8](#_Toc422529186)

[Problems and Challenges 8](#_Toc422529187)

[Solutions and Decisions 8](#_Toc422529188)

[Extra achieved / completed 8](#_Toc422529189)

[Table with activities and hours per group member 8](#_Toc422529190)

[[Week 9] 8](#_Toc422529191)

[Planned activities 8](#_Toc422529192)

[Performed activities 8](#_Toc422529193)

[Agreements 8](#_Toc422529194)

[Problems and Challenges 8](#_Toc422529195)

[Solutions and Decisions 8](#_Toc422529196)

[Extra achieved / completed 8](#_Toc422529197)

[Table with activities and hours per group member 8](#_Toc422529198)

[[Week 10] 8](#_Toc422529199)

[Planned activities 8](#_Toc422529200)

[Performed activities 8](#_Toc422529201)

[Agreements 8](#_Toc422529202)

[Problems and Challenges 8](#_Toc422529203)

[Solutions and Decisions 8](#_Toc422529204)

[Extra achieved / completed 8](#_Toc422529205)

[Table with activities and hours per group member 8](#_Toc422529206)

[[Week 11] 8](#_Toc422529207)

[Planned activities 8](#_Toc422529208)

[Performed activities 8](#_Toc422529209)

[Agreements 8](#_Toc422529210)

[Problems and Challenges 8](#_Toc422529211)

[Solutions and Decisions 8](#_Toc422529212)

[Extra achieved / completed 8](#_Toc422529213)

[Table with activities and hours per group member 8](#_Toc422529214)

[[Week 12] 8](#_Toc422529215)

[Planned activities 8](#_Toc422529216)

[Performed activities 8](#_Toc422529217)

[Agreements 8](#_Toc422529218)

[Problems and Challenges 8](#_Toc422529219)

[Solutions and Decisions 8](#_Toc422529220)

[Extra achieved / completed 8](#_Toc422529221)

[Table with activities and hours per group member 8](#_Toc422529222)

[[Week 13] 8](#_Toc422529223)

[Planned activities 8](#_Toc422529224)

[Performed activities 8](#_Toc422529225)

[Agreements 8](#_Toc422529226)

[Problems and Challenges 8](#_Toc422529227)

[Solutions and Decisions 8](#_Toc422529228)

[Extra achieved / completed 8](#_Toc422529229)

[Table with activities and hours per group member 8](#_Toc422529230)

[[Week 14] 8](#_Toc422529231)

[Planned activities 8](#_Toc422529232)

[Performed activities 8](#_Toc422529233)

[Agreements 8](#_Toc422529234)

[Problems and Challenges 8](#_Toc422529235)

[Solutions and Decisions 8](#_Toc422529236)

[Extra achieved / completed 8](#_Toc422529237)

[Table with activities and hours per group member 8](#_Toc422529238)

[[Week 15] 8](#_Toc422529239)

[Planned activities 8](#_Toc422529240)

[Performed activities 8](#_Toc422529241)

[Agreements 8](#_Toc422529242)

[Problems and Challenges 8](#_Toc422529243)

[Solutions and Decisions 8](#_Toc422529244)

[Extra achieved / completed 8](#_Toc422529245)

[Table with activities and hours per group member 8](#_Toc422529246)

[[Week 16] 8](#_Toc422529247)

[Planned activities 8](#_Toc422529248)

[Performed activities 8](#_Toc422529249)

[Agreements 8](#_Toc422529250)

[Problems and Challenges 8](#_Toc422529251)

[Solutions and Decisions 8](#_Toc422529252)

[Extra achieved / completed 8](#_Toc422529253)

[Table with activities and hours per group member 8](#_Toc422529254)

[[Week 17] 8](#_Toc422529255)

[Planned activities 8](#_Toc422529256)

[Performed activities 8](#_Toc422529257)

[Agreements 8](#_Toc422529258)

[Problems and Challenges 8](#_Toc422529259)

[Solutions and Decisions 8](#_Toc422529260)

[Table with activities and hours per group member 8](#_Toc422529261)

[Individual Reflection 8](#_Toc422529262)

[Georgi 8](#_Toc422529263)

[Mikael 8](#_Toc422529264)

[Ilia 8](#_Toc422529265)

[Angel 8](#_Toc422529276)

[Agendas and Minutes, Action lists 8](#_Toc422529277)

[Project Plan 8](#_Toc422529278)

[Project Statement 8](#_Toc422529279)

[Formal Client 8](#_Toc422529280)

[Project Leader 8](#_Toc422529281)

[Current Situation 8](#_Toc422529282)

[Project Justification 8](#_Toc422529283)

[Project Product 8](#_Toc422529284)

[Project Deliverables and Non-Deliverables 8](#_Toc422529285)

[Project Constraints 8](#_Toc422529286)

[Project Risks 8](#_Toc422529287)

[Project Phasing 8](#_Toc422529288)

[M1 Deliverables 8](#_Toc422529289)

[M2 Deliverables 8](#_Toc422529290)

[M3 Deliverables 8](#_Toc422529291)

[M4 Deliverables 8](#_Toc422529292)

[M5 Deliverables 8](#_Toc422529293)

[Interview Report 8](#_Toc422529294)

[Hourly Overview 8](#_Toc422529295)

# Preface

Preface:   
- Short description of the chapters

Weekly Report:   
- Report about each week’s planned and performed activities, the challenges and solutions faced and extra work done.

Individual Reflection:  
- Report about each person’s thought on the project, their contribution and what they can improve

Agendas and Minutes, Action lists  
- Report including the agendas, minutes and actions during meetings

Project Plan  
- The project plan itself

Peer Reviews  
- Report containing the peer’s reviews.

Interview Report  
- Report on the interview with the client

Hourly Overview  
- Hours workd overview per group member

# Weekly Report

## [Week 2]

### Planned activities

The planned activities for week 2 will be starting the Project plan v1 document, creating a name for the group with a suitable logo, opening up a google code project and the first drafts for agenda and notes.

### Performed activities

The group logo was worked on and finished by Mikaeil. We later started work on the Project plan and wrote down first drafts on the formal client, project leader, current situation, justification, deliverables, phasing, time and quality. The research framework of the project was also created using the five strategies. Later during the week Ilia created our google code page where we could upload the latest versions of files each of us were working on and keep track of everything happening. Work on the agendas and notes during the meetings was also started by Georgi.

### Agreements

No agreement were reached during the week.

### Problems and Challenges

The main challenge we encountered during the week was thinking of the general structure of how the event might go and finding a place to keep all files that were currently being worked on.

### Solutions and Decisions

We decided to create a google code page where we can upload all the versions of the files we were currently working on using Tortoise SVN.

### Extra achieved / completed

All planned activities were completed and nothing extra was done.

### Table with activities and hours per group member

|  |  |  |  |
| --- | --- | --- | --- |
| Project plan v1 | Georgi and Ilia | 19.02. || 14:20 | 100 |
| Group logo | Mikaeil | 21.02. || 19:10 | 120 |
| Base documents (agenda, notes and meeting) | Georgi | 23.02. || 15:30 | 60 |
| DOT research Framework | Group | 25.02. || 15:00 | 60 |
| SVN:Google code | Ilia | 26.02. || 15:50 | 5 |
| Phidgit Authenticator testing | Ilia | 02.03. || 16:45 | 65 |

## [Week 3]

### Planned activities

The only planned activity for week 3 was finishing up the first draft of the project plan.

### Performed activities

After a couple of hours of brainstorming we managed to finish up the first draft of the project plan. In it we updated justification, listed the product and added some of the risks and constraints that were mainly related to the hardware part of the event.

### Agreements

Deadline for project plan is on week 4, for the setup document it is on week 7 and also for the use of physical authenticators.

### Problems and Challenges

The main problem with the project plan we encountered was with the structure of the product and the various risks and constraints.

### Solutions and Decisions

After some discussion we listed the main points of what the product should have and also came up with a couple

### Extra achieved / completed

During the week we got an authenticator to see how we could make the system function and after some work with the code and hardware we managed to get it to work. We also started work on how the design of the website might look.

### Table with activities and hours per group member

|  |  |  |  |
| --- | --- | --- | --- |
| Base documents (agenda, notes and meeting) | Georgi | 05.03. || 17:20 | 50 |
| Process report | Georgi | 05.03. || 18:10 | 90 |
| Project plan v2 | Georgi and Ilia and Mikaeil | 06.03. || 15:00 | 120 |
| Website design/code | Angel | 07.03. || 14:20 | 60 |

## [Week 4]

### Planned activities

The planned activities for week 4 were to finish up the final version of the project plan, start working on the ERD, the GUI and the database for the event.

### Performed activities

In the group meeting that was held on Monday Mikaeil and Ilia started the base work on the event erd for the database while Georgi and Angel focused on the documentation park and first looks on the wireframes for the website. In the next few days Ilia took care of the final parts of the project plan and the initial application setup. Mikaeil started work on the user interface, graphical design and the database implementation while Georgi continued updating the documentation.

### Agreements

No agreements were reached during the week.

### Problems and Challenges

One problem that arised during the week was the announcement that Google code was to be closed, meaning that we had to find a new place to store all of our files.

### Solutions and Decisions

The decision was made to transfer to GitHub and resume all updates either with TortoiseGit or with the provided GitHub program.

### Extra achieved / completed

During the week Ilia did some extra research on future teach to be used as well as possible ways to make the paypal converter, our files were moved from Google code to GitHub

### Table with activities and hours per group member

|  |  |  |  |
| --- | --- | --- | --- |
| Event ERD | Mikaeil and Ilia | 9.03. || 10:40 | 40 |
| Project plan v2 | Ilia | 10.03. || 20:00 | 180 |
| Initial application setup | Ilia | 10.03. || 19:00 | 60 |
| Paypal converter for C# | Ilia | 10.03. || 23:20 | 10 |
| Project plan v2 | Ilia | 11.03. || 18:48 | 120 |
| Research on future tech | Ilia | 11.03. || 22:00 | 60 |
| Base documents (agenda, notes and meeting) | Georgi | 12.03. || 16:10 | 60 |
| Database design and implementation | Mikaeil | 12.03. ||19:00 | 60 |
| Graphical design | Mikaeil | 12.03. || 20:00 | 30 |
| User interface | Mikaeil | 12.03. || 20:30 | 40 |
| Tasks file interface improvement | Ilia and Georgi | 13.03. || 16:40 | 61 |
| Transfer to GITHub | Ilia | 14.03. || 02:10 | 5 |
| Process report | Georgi | 14.03. || 02:40 | 60 |

## [Week 5]

### Planned activities

The planned activities for week 5 were to start work on the first draft for the setup document, start work on teh website implementation and continue with the database implementation.

### Performed activities

The group meetings during this week were to figure out in which direction we should take the event and all the small details that needed clariffication. The wireframe and the first website looks were created by Angel while Mikaeil continued work on the database and Ilia and Georgi focused on getting teh setup document draft ready.

### Agreements

Setup document first draft for next week, make GUI for website and wireframe, Angel’s contribution as first point for next week.

### Problems and Challenges

The main problem that arose during this week was the overall vision we had for the event due to the fact that it was a Robocup gathering and besides Mikaeil we had very little clues what had to be done to make it succesful.

### Solutions and Decisions

We decided that we will need more time together in a group setting to figure out what had to be done and take care of the little details. This was included in the processes section of the setup document.

### Extra achieved / completed

No extra tasks were completed during this week.

### Table with activities and hours per group member

|  |  |  |  |
| --- | --- | --- | --- |
| Group meeting | Georgi, Mikaeil and Ilia | 16.03. || 11:00 | 40 |
| Base documents (agenda, notes and meeting) | Georgi | 17.03. || 16:00 | 40 |
| Group meeting | Georgi, Mikaeil and Ilia | 18.03. || 12:20 | 40 |
| Wireframe | Angel | 21.03. || 15:30 | 60 |
| Database design and implementation | Mikaeil | 21.03. || 15:30 | 120 |
| Website design | Angel | 21.03. || 16:30 | 60 |
| Setup document v1 | Georgi and Ilia | 21.03. || 17:00 | 120 |

## [Week 6]

### Planned activities

The planned activities for week 6 were to continue work on the GUI until it reached a presentable state, work on the second version of the setup document and continue with the website design.

### Performed activities

In our first meeting we managed to make some important decisions about the strucutre of the event procedures and therefore make it easy to write down the processes in the setup document. During the week Georgi did most of the writing for the Setup document, meanwhile Ilia worked on the GUI and Angel did the website frontpage design with some code.

### Agreements

We will be contacted with a new meeting proposal and deadline for the setup document.

### Problems and Challenges

The main problem that became evident was that we didnt have a good idea of how things were suppose to go during the starting parts of the event and that made the Setup document even harder to complete.

### Solutions and Decisions

We had to call in some extra meetings during the week so as to talk about the way the event will be started and how people will get their RFID tags and tickets. We decided to make the visitors pick up their tags 1 week before to event so as to not create queues at the opening.

### Extra achieved / completed

Ilia did some work on the database helpers and Georgi and Angel reviewed the first pages in the website structure.

### Table with activities and hours per group member

|  |  |  |  |
| --- | --- | --- | --- |
| Group meeting | Group | 23.03. || 11:00 | 40 |
| Database design and implementation | Mikaeil | 23.03. || 11:00 | 120 |
| Base documents (agenda, notes and meeting) | Georgi | 23.03. || 10:30 | 120 |
| Application GUI | Mikaeil and Ilia | 23.03. || 11:00 | 140 |
| Setup document v2 | Georgi | 23.03. || 11:10 | 100 |
| GUI design | Ilia | 23.03. || 09:00 | 120 |
| Website wireframe | Angel | 23.03. || 13:20 | 60 |
| Database design and implementation | Mikaeil | 24.03. || 13:00 | 120 |
| GUI design | Ilia | 25.03. || 20:00 | 120 |
| Database review | Ilia | 25.03. || 22:00 | 30 |
| Website frontpage | Angel | 25.03. || 16:00 | 180 |
| Website review | Angel and Georgi | 26.03. || 12:00 | 40 |
| Database utilities | Ilia | 27.03. || 10:00 | 140 |
| Website | Angel | 28.03. || 07:30 | 210 |
| Database helper | Ilia | 28.03. || 12:30 | 180 |

## [Week 7]

### Planned activities

We had to continue work on the setup document and website implementation.

### Performed activities

We had a meeting earlier in the week to discuss any final issues we may have had with the setup document. After that Georgi and later Ilia finished up most of the processes in the documentation. Angel continued his work on the website front end and managed to complete the homepage. Mikaeil did some extra work on the GUI for the application and later helped out with the user requirements on the setup document.

### Agreements

No agreements were reached during this week.

### Problems and Challenges

There were no actual problems during the week with the exception of a small part of the GUI that quickly got resolved during the first group meeting (the way some of the information was going to be displayed to the user and how much of it should we give them).

### Solutions and Decisions

It was decided that we were going to keep it as simple as possible for the users and not overwhelm them with information.

### Extra achieved / completed

Ilia continued with the database helpers for the application.

### Table with activities and hours per group member

|  |  |  |  |
| --- | --- | --- | --- |
| Database helper | Ilia | 29.03. || 11:20 | 60 |
| Setup document | Ilia and Georgi | 30.03. || 08:10 | 120 |
| Setup document | Ilia | 30.03. || 10:30 | 60 |
| Base documents (agenda, notes and meeting) | Georgi | 31.03. || 10:30 | 10 |
| Website implementation | Angel | 01.04. || 15:30 | 60 |

## [Week 9]

### Planned activities

The tasks for week 9 were to work on the setup document, refine the application’s GUI, MAP feature for the applications and the website’s html implementation.

### Performed activities

We made detailed drafts for the applications and started to implement them.

### Agreements

We agreed that we would keep to the idea of replacing the current presented application form, instead having pop-ups for every action.  
We agreed that we would have the database working earlier than scheduled and start working on the dynamic part of the website sooner.

### Problems and Challenges

The map had to be done from scratch.  
The transfer of the control from one form to another was also a challenge.  
Fitting the website’s elements in their proper layout seemed a lot easier on paper.

### Solutions and Decisions

No specific solutions or decisions were made.

### Extra achieved / completed

An Auto-Complete functionality for searching was implemented for the map, with zoom-in/out features.

### Table with activities and hours per group member

|  |  |  |  |
| --- | --- | --- | --- |
| Setup document | Georgi | 12.04. || 05:40 | 60 |
| Base documents (agenda, notes and meeting) | Georgi | 12.04. || 08:30 | 60 |
| GUI design | Mikaeil | 13.04. || 16:30 | 180 |
| Website implementation | Angel | 15.04. || 12:00 | 120 |
| Map feature | Ilia | 16.04. || 8:30 | 60 |
| Map zoom | Ilia | 16.04. || 11:30 | 30 |
| Website implementation | Angel | 17.04. || 12:00 | 120 |
| Map translation | Ilia | 17.04. || 01:30 | 60 |
| Process report | Georgi | 17.04. || 12:00 | 180 |
| Setup document | Georgi | 18.04. || 13:00 | 60 |
| GUI design | Mikaeil | 18.04. || 13:00 | 180 |
| Map search function | Ilia | 18.04. || 04:30 | 120 |
| Menu Inheritance | Ilia | 19.04. || 10:30 | 150 |
| GUI design | Mikaeil | 19.04. || 16:30 | 180 |
| Website implementation | Angel | 19.04. || 12:00 | 120 |

## [Week 10]

### Planned activities

For week 10 we planed to have the database working on the athena server, with all of the basic tables.  
In paralel classes for the applications to use with the database were also created.  
The GUI had to continue being implemented.  
Fitting the GUI part in the Setup Document.

### Performed activities

The database was implemented, simple list of classes and list of classes to add at a later stage was generated.

The setup document was updated with the GUI design.

The GUI was worked on to get to a more real feel.

### Agreements

24.04 deadline of the setup document.

### Problems and Challenges

We forgot to use the Cisco-AnyConnect when we first used it in the applications which resulted in some time lost wondering why we cannot connect.

Our solution’s layout keeps track of a lot of data which resulted in a big database and many classes.

### Solutions and Decisions

In order to provide more flexibility to the end user, our solution keeps track of a lot of information.

Database helpers to use with the applications were implemented.

### Extra achieved / completed

Database helpers to help with the transfer of the data from the database to the applications were implemented.

### Table with activities and hours per group member

|  |  |  |  |
| --- | --- | --- | --- |
| Group meeting | Group | 20.04. || 10:30 | 165 |
| GUI design | Mikaeil | 20.04. || 13:00 | 180 |
| Website design | Angel | 21.04. || 12:00 | 120 |
| Group meeting | Group | 22.04. || 13:30 | 120 |
| Setup document | Angel | 23.04. || 19:00 | 30 |
| Website | Angel | 23.04. || 19:30 | 100 |
| Setup document review | Georgi | 23.04. || 21:00 | 60 |
| Database SQL | Ilia | 23.04. || 20:00 | 120 |
| GUI design | Mikaeil | 23.04. || 13:00 | 180 |
| Classes | Ilia | 23.04. || 22:00 | 120 |
| Schedule and website review | Georgi and Angel | 24.04. || 11:30 | 80 |
| Setup document | Georgi | 24.04. || 12:40 | 30 |
| Group meeting: Schedule, Setup document, Website, GitHub | Group | 24.04. || 16:30 | 90 |
| Database | Mikaeil | 24.04. || 17:00 | 60 |
| Database research | Georgi | 25.04. || 12:00 | 180 |
| Programming | Mikaeil | 26.04. || 12:00 | 120 |

## [Week 11]

### Planned activities

For week 11 we planned on working on the dynamic part of the website, logging in/out.  
We planned on integrating the applications with the database and start using them together with our GUI.  
We planned also on confirming the layout of the database

### Performed activities

The dynamic part of the applications was implemented.  
The login-logout functionality was implemented on the website  
We confirmed the database that those are the tables and columns we need.

### Agreements

No specific agreements were made this week.

### Problems and Challenges

The dynamic part of the website was a new step for everybody and we did not know what to expect.

### Solutions and Decisions

No specific decisions were made nor solutions made.

### Extra achieved / completed

Ilia made ‘unit tests’ which would result in future easier testing of the applications.  
We made the relations in the tables.

### Table with activities and hours per group member

|  |  |  |  |
| --- | --- | --- | --- |
| Base documents (agenda, notes and meeting) | Georgi | 28.04. || 18:30 | 60 |
| Website functionality | Angel | 29.04. || 20:00 | 120 |
| Website functionality | Angel | 30.04. || 16:00 | 120 |
| Database implementation | Georgi | 01.05. || 12:00 | 60 |
| Website functionality | Angel | 01.05. || 13:00 | 180 |
| Website functionality | Angel | 02.05. || 12:00 | 240 |
| Database connection | Georgi and Ilia | 03.05. || 16:30 | 60 |
| Website functionality | Angel | 03.05. || 17:00 | 120 |
| SQL adaptation | Ilia | 04.05. || 20:30 | 75 |
| Database connection | Angel Georgi and Ilia | 05.05. || 18:00 | 60 |
| Database | Ilia | 06.05. || 13:00 | 90 |
| Website | Angel | 06.05. || 14:00 | 120 |
| SQL adaptation | Ilia | 06.05. || 15:00 | 50 |
| Database review and foreign key structure | Georgi | 07.05. || 12:00 | 120 |
| Base documents (agenda, notes and meeting) | Georgi | 08.05. || 12:00 | 60 |
| Website | Angel | 08.05. || 13:00 | 120 |
| Process report | Georgi | 09.05. || 18:00 | 120 |
| Website | Angel | 09.05. || 13:00 | 120 |
| Website | Angel | 10.05. || 13:00 | 180 |

## [Week 12]

### Planned activities

The planned activities for week 12 were to create a MySQL working database hosted on Athena with the basic tables, add some further functionality to the website and continue with the application GUI.

### Performed activities

The basic tables for the database and the foreign key structure was created by Georgi and later updated and further extended by Ilia. In a group meeting on Tuesday we changed up the Schedule so it shows responsibilities and came up with a commucation plan for which hours to work during the week. Angel started work on ordering the tickets from the website and Ilia and Georgi later helped him finish it.

### Agreements

The agreements were to mention which person was responsible for what in the Schedule document and to think of a commucation plan on when we can work together.

### Problems and Challenges

### Solutions and Decisions

We decided that we will need more time together in a group setting to figure out what had to be done and take care of the little details. This was included in the processes section of the setup document.

### Extra achieved / completed

The RFID code was implemented in the program by Ilia

### Table with activities and hours per group member

|  |  |  |  |
| --- | --- | --- | --- |
| PHP ticket func | Angel and Ilia | 11.05. || 11:00 | 120 |
| Base documents (agenda, notes and meeting) | Georgi | 11.05. || 12:00 | 60 |
| RFID | Ilia | 12.05. || 16:00 | 180 |
| Website functionality | Angel | 12.05. || 19:00 | 60 |
| Website functionality | Angel Georgi and Ilia | 12.05. || 20:00 | 120 |
| Process report | Georgi | 14.05. || 16:00 | 60 |
| Database to class conversion | Ilia | 14.05. || 21:00 | 180 |
| Group meeting | Group | 15.05. || 21:00 | 120 |
| Class revision | Ilia and Georgi | 15.05. || 12:00 | 60 |
| Group meeting | Mikaeil Angel and Ilia | 16.05. ||21:00 | 60 |
| Appointments GUI | Georgi | 16.05. || 16:00 | 90 |
| Renting GUI | Georgi | 17.05. || 12:00 | 120 |
| Group meeting | Group | 17.05. || 21:00 | 120 |

## [Week 13]

### Planned activities

The planned activities for week 13 were to have the website version 2 ready and add needed tables to the database. For the application part the administrator additional functionaity and pages, and check in system. On the website paypal sytem and profile functionality GUI.

### Performed activities

The relation between the tables in database has been modified, and shop order, database login have been checked and confirmed by Illia. Website and PayPal funtionality, Admin pages and functions have been modified by Mikaeil. Angel almost finished with the ticket and Twitter logics on the website. Renting and appointment logic and GUI has been started by Georgi. In a group meeting we talked about how to communicate more on the meetings and disscuss the problem.

### Agreements

To finish with version 1 of our product package as soon as possible.

### Problems and Challenges

As our client didn’t make any contact with our group during the developing process (not even on analyses phase), we needed to know what is our clients perspective on the whole project.

### Solutions and Decisions

We decided to choose the best and uniquest idea that our developer group comes up with while trying to consider that “ we are not our users “.

### Extra achieved / completed

Nothing extra was achieved during the week.

### Table with activities and hours per group member

|  |  |  |  |
| --- | --- | --- | --- |
| Base documents (agenda, notes and meeting) | Georgi | 18.05. || 12:00 | 60 |
| Group meeting | Group | 18.05. || 14:00 | 120 |
| Website functionality | Angel | 18.05. || 16:00 | 60 |
| C# Admin GUI | Mikaeil | 18.05. || 15:00 | 280 |
| Shop order confirm | Ilia | 19.05. || 17:00 | 60 |
| Database relations check | Ilia | 19.05. || 18:20 | 5 |
| Website functionality | Angel | 19.05. || 16:00 | 60 |
| GUI Logic and design | Georgi | 19.05. || 15:00 | 120 |
| Group meeting | Group | 19.05. || 21:00 | 120 |
| Website functionality | Mikaeil | 20.05. || 20:00 | 300 |
| Shop order confirm | Ilia | 20.05. || 00:00 | 60 |
| Ticket functionality | Angel | 20.05. || 21:00 | 60 |
| Ticket and twitter func | Angel | 22.05. || 12:00 | 120 |
| Database logging | Ilia | 27.05. || 13:00 | 120 |
| Base documents (agenda, notes and meeting) | Georgi | 18.05. || 12:00 | 60 |

## [Week 14]

### Planned activities

The planned activities for week 14 were to have the twitter system ready on web site . For the application part the administrator last overview and additional function. Stroes restock and record and loging the actions.

### Performed activities

Search in shops, booking overview, Application, database, cheking has been done by Illia, Website Paypal deposite and log file finished by Michael. Renting Logic and GUI has been finished by Georgi and Angel wa busy with developing the website.

### Agreements

Finish our tasks to start with the testing part.

### Problems and Challenges

Ilia and Mikaeil's discussion on Mikaeil’s performance, And Discussion on group cooperation and group work importance.

### Solutions and Decisions

We decided to have group meeting every night on skype. Even we planned 3 meetings per week in school.

### Extra achieved / completed

Nothing extra was achieved during the week.

### Table with activities and hours per group member

|  |  |  |  |
| --- | --- | --- | --- |
| Search at shops | Ilia | 24.05. || 20:00 | 30 |
| Application division | Ilia | 24.05. || 16:00 | 60 |
| Renting logic | Georgi | 26.05. || 12:00 | 120 |
| Website paypal doc | Mikaeil | 25.05. || 12:00 | 300 |
| Database Integrity | Ilia | 26.05. || 13:00 | 60 |
| Classes Integrity | Ilia | 26.05. || 18:30 | 60 |
| Booking overview | Ilia | 28.05. || 13:30 | 60 |
| Renting GUI | Georgi | 28.05. || 12:00 | 120 |
| Booking application | Ilia | 28.05. || 20:00 | 150 |
| GUI issues | Ilia | 29.05. || 00:00 | 120 |
| Renting logic | Georgi | 31.05. || 16:00 | 120 |

## [Week 15]

### Planned activities

The planned activities for week 15 were to make the website connection to database by Georgi, shop restocking logic by Illia and event managment by Mikaeil. Angel was suppose to make progress toward the version 3 of the website.

### Performed activities

Illia finished the store art and Mikaeil made ADMIN interface V1. Angel and Georgi made website connection to the database and are in the last revision to deliver website V3. During the week we also had several meetings to share and check what each of us had done and to try and resolve any issues that were present.

### Agreements

Think about presentation context and and structure. Also think about what we need to cover when presenting.

### Problems and Challenges

We ran into some issues with the application that halted our progress for around a day. The issues had something to do with teh database connection not working properly and our testing couldnt even start.

### Solutions and Decisions

It seemed the issue was with cisco not connecting properly on Ilia and Mikaeils laptops. They managed to get it working by reconnecting a couple of times.

### Extra achieved / completed

Georgi worked on the PCDoctor functionality and Mikaeil on the Admin GUI.

### Table with activities and hours per group member

|  |  |  |  |
| --- | --- | --- | --- |
| Map | Ilia | 01.06 || 02:00 | 30 |
| PCDoc GUI func | Georgi | 02.06 || 11:00 | 120 |
| Admin func | Mikaeil | 03.06. || 16:00 | 120 |
| Classes functionality | Ilia | 04.06 || 02:00 | 60 |
| Info desk func | Angel | 05.06. || 03:00 | 120 |
| Database Helpers fixes | Ilia | 06.06 || 22:00 | 30 |

## [Week 16]

### Planned activities

The planned activities for week 16 were to finish version 3 of the website and to start testing it for errors.

Also it was planned to start the testing of the C# applications.

### Performed activities

Website version 3 was finished by Angel with no complications. Information desk was completed along with fixes for varios parts of the applications. Georgi worked further on the renting gui functionality and Ilia finished the restocking for the stores.

### Agreements

No agreements were reached during this time.

### Problems and Challenges

We had problems with some errors in the C# application classes that were preventing us from finishing some of them.

### Solutions and Decisions

We found the problems in the C# applications and fixed them.

### Extra achieved / completed

No extra tasks were completed during the week.

### Table with activities and hours per group member

|  |  |  |  |
| --- | --- | --- | --- |
| Rent GUI func | Georgi | 08.06 || 11:00 | 120 |
| Restock of stores | Ilia | 11.06 || 10:00 | 60 |
| Rent GUI func | Georgi | 12.06 || 11:00 | 120 |
| Admin func | Mikaeil | 12.06. || 13:30 | 60 |
| Rent GUI func | Georgi | 13.06 || 11:00 | 120 |
| Info desk func | Angel | 14.06. || 12:00 | 120 |
| Admin func | Mikaeil | 14.06. || 16:00 | 120 |

## [Week 17]

### Planned activities

The planned activities for week 17 were to finish the C# applications and to continiue testing them.

### Performed activities

Rent and Pc Doctor application were finished by Georgi, Visitors homepage was finished by Angel, Restock was finished by Ilia and there were numerous fixes on the applications.

There were also numerous fixes on the website by Angel.

### Agreements

We agreed that everyone will give his idias for the final presentation and we will decide how exactly we will present.

### Problems and Challenges

There were still some problems in the C# applications and the website code that needed fixing.

### Solutions and Decisions

We decided that everybody will present the parts he is most familiar with and we decided the order of presenting.

### Table with activities and hours per group member

|  |  |  |  |
| --- | --- | --- | --- |
| Info desk func | Angel | 15.06. || 13:00 | 180 |
| PCDoc GUI func | Georgi | 16.06 || 11:00 | 120 |
| Admin func | Mikaeil | 16.06. || 13:30 | 120 |
| Restock of stores | Ilia | 18.06 || 10:00 | 60 |
| Visitor GUI and func | Angel | 19.06. || 12:00 | 120 |

# Individual Reflection

## Georgi

About yourself:

The most important thing I learned from this project was how important teamwork and time management is to getting a group project done.

On my next project I will surely try to put more time into it from the start and try to do as many different tasks as possible. The reason for this is that at the end some people seem to have a lot of time into a certain task, like in my case documentation and less of a different task like the website design.

About myself I mainly learned that above all I prefer doing coding and structuring rather than writing stuff down. I also found that I needed some extra time to grasp certain concepts about how things worked together e.g. database, server and application. The documentation I did at the start did develop my organization skills a bit and later that became quite useful when the coding part reached 200 to 300 lines.

About the project:

The most enjoyable part about the project was getting different parts of the application to work especially when it happened from the first try.

The easiest part for me was the creation of the database but maintaining it and filling it with valid data was definitely the least enjoyable part. I felt like it was too repetitive and boring even if it was the most essential part for the working version of the applications.

The most challenging thing I ran into was as I was making the renting GUI and after that coding it. As much as I kept going it seemed like after everything step I did, some new function would come up that I didn’t think of in the beginning.

This lead to the application taking far longer to complete than I expected and I also ran into a lot of issues when it came down to the connections between the database and classes.

I do think that for the next ProP’s there shouldn’t be any assigned roles at the start. Reason for this is that at a certain point some people will be doing a lot of a certain task. The project should emphasize working on different things often so that you grasp the whole structure and scope of how this would work.

## Mikael

I learned that in a group everything is not about the programming skills, sometimes good programmers cannot get along with each other. I will chop up the big goals into Handel able small one and do one thing at a time. I learned that I cannot focus on my tasks when I’m under too much pressure, and I need a real peaceful environments. I learned that I like to do as much as I can even if I’m not able to finish something it won’t stop me to trying it.

Working in a professional group was the most enjoyable part for me and at the same time causes me some difficulties that was acceptable. Cause I learned a lot and at the same time I put a lot of effort to improve my weak skills. I had some tasks that I really didn’t know how to do it but I had to learn and deliver them, this was the most challenging part to me.

The project was really huge with a small description and even our Formal client wasn’t responding after first month. I don’t think any client stops cooperating with the team that he hired. Even till the end of event.

## Ilia

## About me:

## During this project I was as active as possible. During the first part I was the one that had most participation. We had to deal with a lot of documentation and it was the first time any of us dealt with such documentation process.

## I did not learn that much. I already knew everything that happened and I was expecting events to take place. I practiced group cooperation and patience.

## Next time I am not going to do any extra work. I will do only things that are on my agenda and leave the other group members do their fair share of the work. The other members depended on me finishing their work because I have more knowledge on the specific subject.

## I found out that I have more patience than I thought. I try to help the other group members and think about the consciences. I do not like when the group work is contributed closer to the deadline, I prefer it be done as soon as possible and leave the last weeks for fun, rather the opposite.

## About the project:

## I enjoyed helping the other group members. I love helping in a productive manner. My extra knowledge aided me in finish my work in a matter of days, but the other group members have not spent so much on their personal development and it was a new experience for them.

## I did not approve of the fact that most of our work was done in the last weeks. We had plenty of time to do the same at the start, but the other group members were occupied with other tasks.

## I know programming inside-out. The coding part was easy for me. All I need is syntax and libraries, which I have no problem in finding and/or making.

## I faced a challenge to test out my patience. Our group work in the start was scarce. At the end of the academic year we have a lot of deadlines and tests to worry about and if we had one less to think about - that would have been great.

## **Angel**

About Myself:

The most important thing that I learned is teamwork. But I also learned how to work with PHP, JQUERY and html, which are very useful to know.

Next time I will start work on the project from the beginning and I will try to finish it some time before the deadline.

I learned that I like doing websites and I like working with on projects with different thinking people.

About the project:

The most enjoyable part was the group meeting where we discussed different variants.

The least enjoyable part was at the beginning, working on the code alone and trying to find my mistakes and changing from working on the website to working on the C# applications.

When I learned how to work with PHP and JQUERY doing the website became easy.

It was challenging to start the project and to plan everything from the beginning.

I think next time the teacher can give everything that we might need from the beginning so we shouldn’t ask her about things all the time.

# Agendas and Minutes, Action lists

**Agenda for 02.03.** – The next meeting of group D, ProShots will take place on the 2nd of March Monday in the lobby near 2.40 of next week starting from 10:30 AM.

The people invited are: Mariëlle Fransen, Georgi Chishirkov, Angel Doychinov, Ilia Nikushev and Mikael Shaghelani.

The main topics of the meeting will be:

1. All of the sent documents (Project plan v1, Agenda, Notes)

2. Final version of logo and roles

3. Authenticators

4. Task manager system implementation

5. Graphical user interface standards

6. Details about Process report and Setup document

**02.03**. – Meeting

Started at 10:35, all members present

10:35 - Talked about Justification, change point of view in the writing, why the client should spend money on this and why should he initiate it?

10:38-10:41 - Clarified what should be present in the Product and what we should focus on

10:41-10:44 - Hardware – We will need to ask about what facilities we will have access to, about hardware and what will be needed, also mention this as a constraint

10:44-10:47 - Website on Athena server, what does the client want of it? Figure out and inform client

10:47-10:49 – Risks, make sure we focus on some more creative risks

10:49-10:53 - Quality - Clean code and what quality manager should do

-10:55 - Time – Use graphs and visuals with milestones

10:55 -10:57 – More clarification on the notes minute by minute and the agenda (invite)

10:57 – 10:58 - why are we using Tortoise, and should we use GIT?

10:58-10:01 - Graphical interface

Agreements: Deadline for project plan is on week 4, for the setup document it is on week 7 and also for the use of physical authenticators

**Agenda for 09.03.** - The next meeting of group D, ProShots will take place on the 9th of March Monday in the lobby near 2.40 of next week starting from 10:30 AM.

The people invited are: Mariëlle Fransen, Georgi Chishirkov, Angel Doychinov, Ilia Nikushev and Mikael Shaghelani.

The main topics of the meeting will be:

1. Project plan v2

2. Process report and Setup document

3. New role for Angel

4. Authenticator

5. Application and database design

**09.03.** – Meeting

Started at 10:32, all group members present

Teacher absent

10:35 – 10:41 – Application design and how many we will need, for what purpose

10:41 – 11:05 – ERD about the event (user, top-up machine, tent, shop etc.)

11:05 – 11:24 – Continued with app and database designs

**Agenda for 16.03.** - The next meeting of group D, ProShots will take place on the 16th of March on Monday in the lobby near 2.40 of next week starting from 10:30 AM.

The people invited are: Mariëlle Fransen, Georgi Chishirkov, Angel Doychinov, Ilia Nikushev and Mikael Shaghelani.

The main topics of the meeting will be:

1. Project plan final version

2. Future Technology (what can we use and cannot)

3. Connection to the database

4. Process report and Setup document

5. Authenticator

**16.03.** – Meeting

Started at 10:33, all group members except Angel present

10:33 – Approval of minutes in agenda, late with project plan (start implementations after exam break)

10:36 - Comment about certain applications design, what applications will be needed during various stages of the event and for different jobs, also document functionality in the setup document

10:40 – Angel’s absence, new role and time spent on tasks

10:45 – Database should be on the Athena server, backup offline database is also welcome for when wifi stops

10:48 – Unit tests, any technologies should be kept simple and easy to understand for everyone

10:50 – Authenticator exception, try to find a solution (mail – not the most reliable way to send tags) Try to avoid queues during the event and keep everything smooth. Try to distribute tags before people reach the entrance

11:00 – End of meeting

Agreements – Setup document first draft for next week, make GUI for website and wireframe, Angel’s contribution as first point for next week

**Agenda for 23.03. -** The next meeting of group D, ProShots will take place on the 23th of March on Monday in the lobby near 2.40 of next week starting from 10:30 AM.

The people invited are: Mariëlle Fransen, Georgi Chishirkov, Angel Doychinov, Ilia Nikushev and Mikael Shaghelani.

The main topics of the meeting will be:

1. Discuss Angel’s contribution

2. Setup document v1

3. Further questions about process report

4. GUI and website wireframe

**23.03.** – Meeting

Started at 10:33, all group members present

10:33 – Discussed Angels contribution (step up your work load)

10:36 – Be more specific and detailed in Setup doc, before the event ticket info needs to be more specific, make it possible to buy tickets for friends. Add more special cases.

10:40 – During the event: Solve queues for the tickets. Mention more info about the employee (renting, buying, how he enters and exactly what he has to do during the event)

10:45 – Comment about ERD – Add something about the ticket. Decide a location for the PayPal terminals. Always know how many people are where for safety reasons

10:54 – Wireframe, talk to the group about what exactly needs to be in it and do it more in depth

10:58 – Quality manager wants to discuss quality for each week

Agreements – Complete the second version of the draft for the setup document, keep emails on Friday’s deadline, fix wireframe and add Angel’s contribution as first point to next week.

**Agenda for 30.03.** - The next meeting of group D, ProShots will take place on the 30th of March on Monday in the lobby near 2.40 of next week starting from 10:30 AM.

The people invited are: Mariëlle Fransen, Georgi Chishirkov, Angel Doychinov, Ilia Nikushev and Mikael Shaghelani.

The main topics of the meeting will be:

1. Angel’s contribution

2. PayPal document

3. Setup document v2

4. Application GUI

5. Website design

**30.03.** – Meeting

Meeting is canceled due to Mariëlle Fransen being sick.

Agreements – We will be contacted with a new meeting proposal and deadline for the setup document.

**Agenda for 20.04.** - The next meeting of group D, ProShots will take place on the 20th of April on Monday in the lobby near 2.40 of next week starting from 10:30 AM.

The people invited are: Mariëlle Fransen, Georgi Chishirkov, Angel Doychinov, Ilia Nikushev and Mikael Shaghelani.

The main topics of the meeting will be:

1. Peer review

2. Angel’s contribution

3. Setup document and the new deadline for it

4. PayPal document

5. Database helpers

6. Application GUI

7. Website design

8. Process document

**20.04.** – Meeting

Meeting started at 10:50, all group members present

10:50 – Peer review, work better as a group, communicate better

10:56 – Create a schedule for deliverables each week

10:58 – PayPal document

Agreements – Deadline for setup document changed to 24.04.

**Agenda for 11.05.** - The next meeting of group D, ProShots will take place on the 20th of April on Monday in the lobby near 2.40 of next week starting from 10:30 AM.

The people invited are: Mariëlle Fransen, Georgi Chishirkov, Angel Doychinov, Ilia Nikushev and Mikael Shaghelani.

The main topics of the meeting will be:

1. Peer review / Process assessment

2. Teamwork

3. Client contact

4. Setup doc final version

5. Application GUI

6. Website GUI and functionality (login and reg forms)

**11.05.** – Meeting

Meeting started at 10:15, all group members present except Georgi

10:31 - Group responsibilities - who is responsible for what - make it clear

10:35 - Discussion on group cooperation and group work importance, Angel is showing improvement

- Ilia and Mikaeil's discussion on Mikaeil's performance and absence

10:40 - EVERY WEEK : Written Report from every member on their group contribution, what you promised, what you delivered, what went wrong, what can go better

- Every week reflection of group contribution and personal progress.

10:40 - Schedule overview

Angel

- Website looks ok, but still needs improvement (logic wise)

10:50 Mikaeil

- Make sure you have a clear way to present and defend what you have done

10:58 Ilia

- Is it easy to use?

Deadline from todays meeting:

Communication plan - how are we going to communicate, when and where?

Schedule - point out who is mainly responsible for which item

**Agenda for 18.05.** - The next meeting of group D, ProShots will take place on the 18th of May on Monday in the lobby near 2.40 of next week starting from 10:15 AM.

The people invited are: Mariëlle Fransen, Georgi Chishirkov, Angel Doychinov, Ilia Nikushev and Mikael Shaghelani.

The main topics of the meeting will be:

1. Client

2. Database progress

3. GUI progress

4. Website progress

**18.05.** – Meeting

Meeting started at 10:30, all group members present

10:30 – Schedule and personal reflection (send updated schedule)

10:35 – Group dynamics – group call every night

10:36 – Personal reflection - what you did, what you think

10:38 – Schedule – updated weeks for the block

10:40 – GUI should look like it is from the same source

10:42 – Georgi’s part – database and renting and appointments GUI

10:43 – Mikaeil’s part - Admin GUI part – what kind of administrative part

10:45 – Client – try to look from the perspective of the client, also think for the client

10:52 – PayPal document – make it simple

10:56 – Event dates – 27,28,29

Agreements – Mail reflection before next meeting, have project done before week 9

**Agenda for 01.06.** - The next meeting of group D, ProShots will take place on the 1st of June on Monday in the lobby near 2.40 of next week starting from 10:30 AM.

The people invited are: Mariëlle Fransen, Georgi Chishirkov, Angel Doychinov, Ilia Nikushev and Mikael Shaghelani.

The main topics of the meeting will be:

1. Personal and group reflections for the past weeks

2. Progress on the GUI

3. Progress on the website

4. Database progress

**01.06.** – Meeting

Meeting started at 10:30, all group members present, Georgi late

10:30 – Bigger focus on process report, send code in RAR

10:38 – Event procedures – RFID

10:40 – Camping spots – number, check ins

10:45 - Presentation

**Agenda for 08.06.** - The next meeting of group D, ProShots will take place on the 8th of June on Monday in the lobby near 2.40 of next week starting from 10:30 AM.

The people invited are: Mariëlle Fransen, Georgi Chishirkov, Angel Doychinov, Ilia Nikushev and Mikael Shaghelani.

The main topics of the meeting will be:

1. Personal and group reflections for the past weeks

2. Progress on the GUI

3. Progress on the website

4. Overall progress

**08.06.** – Meeting

Meeting started at 10:30, all group members present, Georgi late

10:30 – Group work

10:36 – Delivery of code and grading

10:40 – Demonstration, make sure you have a backup, try local version

10:45 – Paypal document

# Project Plan

Table of Contents

[Project Statement 3](#_Toc415404644)

[Formal Client 3](#_Toc415404645)

[Project Leader 3](#_Toc415404646)

[Current Situation 3](#_Toc415404647)

[Project Justification 3](#_Toc415404648)

[Project Product 3](#_Toc415404649)

[Project Deliverables and Non-Deliverables 4](#_Toc415404650)

[Project Constraints 4](#_Toc415404651)

[Project Risks 5](#_Toc415404652)

[Project Phasing 6](#_Toc415404653)

[M1 Deliverables 6](#_Toc415404654)

[M2 Deliverables 6](#_Toc415404655)

[M3 Deliverables 7](#_Toc415404656)

[M4 Deliverables 7](#_Toc415404657)

[M5 Deliverables 7](#_Toc415404658)

[MOSQUITO 8](#_Toc415404659)

[Quality 8](#_Toc415404660)

[Time 9](#_Toc415404661)

## Project Statement

## Formal Client

Mr. Johnson: [https://www.facebook.com/profile.php?id=100007193655406](https://www.facebook.com/profile.php?id=100007193655406" \t "_blank)

He‘s available for questions at: [rj.johnson@thusj.nl](mailto:rj.johnson@thusj.nl" \t "_blank)

## Project Leader

Mikaeil Shaghelani Lor of class EI3S1 is the project leader. He can be contacted at  
 m.shaghelanilor @student.fontys.nl

## Current Situation

This type of event is hosted yearly. It provides a vision of the competitive side on robotics science and many enthusiasts contribute to this. This year, the event will be hosted in an outdoor environment. On the terrain itself, the required equipment will be in place which will allow the execution of the event.

The goal of RoboCup event is to present the future of robotics in the field of research, sport and human relations.

## Project Justification

The visitors of this event are highly educated, smart, and professional and we can say they are the best on their field. They will be there with a lot of unique industry ideas, project proposal and in general it’s the best place to catching glorious investment opportunity.

## Project Product

In order to execute a successful RoboCup Event we are going to:

1. Produce an Online and Offline database that will store all event’s information.

2. Produce a website with all required features like registration, reservation, navigation, shopping, renting stuff, purchase tickets, getting updates on the event, etc.

3. Produce a program to book a camping spot.

4. Produce an entrance and checking mechanism for the park entrance and camping area.

5. Produce an application to be used at the entrance of the camping

6. Produce a converter for the information in the PayPal-text-file to the database.

7. Produce a material hiring system.

8. Produce an administration page allowing administering and overview of all data about the event.

9. Produce a map system for users to navigate the event easily.

## Project Deliverables and Non-Deliverables

We will provide:

* Name and logo for the project
* Project Plan
* Website
* Presentation
* Applications for
  + Handling entrance
  + Handling camping's entrance
  + Purchases with the shops
  + Hiring materials
  + Handling when a person leaves
  + Inspecting the status of the event
  + Conversion of the PayPal data to the database
  + User’s map
* User Manual
* Every user with an identification for the event

We are not going to provide:

* Hardware for the event

## Project Constraints

**Deadline: End of June 2015**

**Max visitors : 25 000**

**Equipment :**

The equipment is provided at the event, but will need to be verified if it is sufficient.

**Design :** Mobile and PC version of the website

**Hosting :** Fontys Athena Server

**Group Activity:**

Ilia - Occupied every week from 5pm to 12pm after Wednesday (Thursday – Sunday inclusive)

## Project Risks

**Equipment** Not all devices are going to have the required software to run our applications, view our website.

**Solution**:

For the **applications**, we are going to install the software and make sure everything is working correctly.  
 For the **website** - we are going to keep it as simple as possible and make sure it works on as many as possible browsers.

**Physical Failure during the event**

If for some reason the electricity or the connection were to be lost (the applications cannot communicate with one-another) data might get lost, corrupt  
 **Solution**: Keep data locally and keep it in a queue until it is processed fully.

**Website Downtime**

The website could become unstable if a large amount of users were to visit and use it at the same time.  
 **Solution**: Queue the user’s requests and make sure there are no ‘fake’ requests.

Fontys Athena server could stop responding  
 **Solution**: No possible solution (Due to constraint: hosting by Fontys Athena Server)

**Database overflow**

It is possible that the database be overflown with requests thus leading to slower usage.  
 **Solution**: Queue the requests to preserve their order and make the actions simple so they do not cause much overhead.

## Project Phasing

*Week 19*

*Week 11-14*

*Week 15-18*

*Week 1-4*

*Week 5-8*

Organization

Organization

Organization

Organization

Applications

Implementation

Applications

Implementation

Initial Project Plan

Setup Document

Finished Project Plan

Final Product

Applications

GUI and classes

Website v3

Website v2

Database

Website v1

***M5***

***M4***

***M3***

***M2***

***M1***

## M1 Deliverables

* Name and Logo
* Project plan
* Division of the work

## M2 Deliverables

* Class Structure
* Applications GUI
* Database Design and Implementation
* Website v1
* Setup Document
* Identification principal

## M3 Deliverables

* Website v2
* Applications to work with
  + Entrance
  + User Details
  + Tent booking
  + Tent Entrance
  + When leaving the tents
  + Store purchases
  + PC Doctor
  + Borrowing equipment
  + When leaving the event
    - Return of the money
    - Return of borrowed items
    - Closing the account

## M4 Deliverables

* Website v3
* Finalized version of the applications
* Presentation v1

## M5 Deliverables

* Presentation
* Final version of the Project

# Interview Report

All information recieved from the client was from emails, no actual in person interview was made. About our client we found out that he is in the business of organising events and festivals. We managed to agree upon a 25 000 visitor limit, the electricity, wifi and all of the conditions needed for us to setup our product will be available at the event upon our arrival.

The event will start on the 27th Friday and will continue up to and including the 29th. We will have from Monday to setup our part and get everything working. There also wont be any fixed menu of foods and drinks available at the shops so the application will have to update dynamically.

The website should advertise the event, have an option to purchase tickets and posses Twitter and/or Facebook integration. The applications should be easy to understand and as intuiative to use as possible. They should also be able to be hosted on all platforms including mobile, PC and website.

# Hourly Overview

|  |  |  |  |
| --- | --- | --- | --- |
| Member | Minutes | Hours |  |
| Angel | 4000 | 66:40 | 24% |
| Georgi | 4191 | 69:51 | 26% |
| Ilia | 4736 | 78:56 | 29% |
| Mikaeil | 3430 | 57:10 | 21% |
| as a Group | 955 | 15:55 | 6% |
| Total | 16357 | 272:37 |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Angel | Georgi | Ilia | Mikaeil |
| Angel | 4000 | 300 | 360 | 60 |
| Georgi |  | 4191 | 901 | 200 |
| Ilia |  |  | 4736 | 440 |
| Mikaeil |  |  |  | 3430 |