ProP  
system for organizing a social event

Process Report

Course: ProP

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Group : D

Group Name: ProShots

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# Preface

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# 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

### 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.

### 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 | 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 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

# Individual Reflection

## **Angel**

## Georgi

## Ilia

## Mikael

# Agendas and Minutes, Action lists

## [Week 13]

### Planned activities

The planned activities for week 13 were to have the website version 2 ready and add needed table 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 been checked and confirmed by illia. Web site and PayPal funtionality, Admin pages and functions have been modified by Mikaeil.Angel almost finished with Ticket and Twitter logics on web site.Renting and appointment logic and GUI has been done by Georgi. In a group meeting we talked about to communicate more on the meetings and disscused the problems.

### Agreements

To Finish as soon as possible the first product package.

### Problems and Challenges

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

### Solutions and Decisions

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

### Extra achieved / completed

### 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 |

# Individual Reflection

## **Angel**

## Georgi

## Ilia

## Mikael

## [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

### 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 |

# Individual Reflection

## **Angel**

## Georgi

## Ilia

## Mikael

## [Week 15]

### Planned activities

The planned activities for week 15 to make website connection to database by Georgi. Shop Restocking logic by Illia and event managment by Mikaeil. Angel make procces toward the Website version 3.

### Performed activities

Illia finished the store Part 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.

### Agreements

Think about presentation context and and structior.thinkk about what we need to cover.

### Problems and Challenges

### Solutions and Decisions

### Extra achieved / completed

### Table with activities and hours per group member

# Individual Reflection

## **Angel**

## Georgi

## Ilia

## Mikael

**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 XX:XX 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. Setup document and the new deadline for it

3. PayPal document

4. Database helpers

5. Application GUI

6. Website design

7. Process document

# Project Plan

# Peer Reviews

# Interview Report

# Hourly Overview