

**Process report**

Course: ProP

Group: 31

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# 

# **Global work division**

### **Week 1:**

**Who did what:**

Phat:

* Created the git repository
* Created the minutes

Dimitar:

* Design the company logo
* Design the company name.

Dongdong:

* Come up with the topic of event

Diqin:

### **Week 2:**

**Minutes:**

**Meetings**

**--------**

- One project member to be assigned for handling communication with the tutor and client.

- Only have meetings with the client if there is a good reason to, make preparations prior to the meeting.

- Able to ask technical questions to the tutor

- Able to ask if questions are appropriate to ask the client to the tutor

- Important to be present during meetings, fail if absent twice for no good reason.

**Questions**

**---------**

- How many documents do we have to make?

Project plan

Setup document

Process report

- Discussions to be documented.

- What each project member has done.

Design document

Meetings

ToDo list

- Do we need ATM machine or can we just use QR-codes

The company has an agreement with RABO-bank, ATM machines are located in the event location.

Every visitor will have an id-card at the event, which will be used for transactions.

At the ATM the visitor use their bank card to add money to their id-card.

The bank will send a list of receipts, log files to the application

Application receives text files from the bank with transaction data and uses it to change the account balance

In general, how we do things is up to us, as long as the wishes of the client are met.

- How many camping spots?

Should be in the document. Around 30 spots, 6 people per spot.

No additional space available, may not bring own tents.

- In the document it says everything should be monitored, what should be displayed on the application?

-Should be in the document, but for example how much people spend and how many people there are.

Free to come up with additional statistics.

- Is a mobile app necessary?

Mobile app not required, but can give extra points.

Important to define MoSCoW list.

- Do we decide what food or drinks are to be sold?

Normal snackbar

Dummy data can be entered in the database, doesn't really matter

- Loaning stands

Same as for food and drinks

If some item is necessary for the event then it seems good to add it.

- Website layout

Open to proposals, we have to come up with something.

Branding: keep same design for all applications

- How to prevent cheating when visitors enter or leave

A checking system, for example the can not leave if a loaned item has not been returned yet.

- It costs 10 euros for a camping spot and 20 euros per person, how will it be paid and who pays for the 10 euros?

Maybe the cost will be split amongst the people or just one person pays it, to be discussed.

- Do we have to come up with the MoSCoW list or do we have to discuss it with the client?

Make an initial MoSCoW list based on the handbook as a proposition to the client, the client will then discuss and give input.

- Will there be separate id-cards for staff?

Up to us

Statistics for individual shops of staff may be interesting for the client to see.

- Handbook states that the website can used to add money to the balance only before the event, but not during?

Maybe not the case, will have to check.

An option is to be able to turn functionalities on and off.

Roles with permissions will be required then.

**Who did what**

Phat:

* ERD of the database v1
* ReadMe Text
* Project Plan v2 (current situation, problem description)
* Minutes

Dimitar:

* TO-DO-LIST
* Project Plan
* Sitemap and wireframes

Dongdong:

* GUI of the apps
* Project plan phasing part
* Process Report
* wireframes

Diqin:

* Working on project plan Constraint part.
* Functional requirements- Setup document

### **Week 3:**

**Minutes:**

- Meeting was not well organized

- Started late

- No room prepared

- No agenda prepared

- Tutor had no permission to git repository

- Minutes should be e-mailed or put on git day after the meeting

- Send a request for meetings, the tutor will simply deny or accept it. Preferred time: 10:30 or 11:00.

**Questions**

**---------**

- Where to get client details?

- Search Fontys site for client details.

- Can you give feedback on project plan v1?

- Delayed to next week due to having no access to git repository.

- What is the budget for the project?

- No value for money, just document the time.

- When is the deadline, is it in June?

- Deadline is week 8 or 9.

- What constraints are there for the project?

- Technologies used, requirements, etc. (Use workbook document).

- And what about risks?

- Same as constraints, come up with yourself from your perspective on what kind of risks there are.

- Only did project phasing for block 1 of the project, what about block 2?

- That is fine but for block 2, having a phase with no content for block 2 is fine. (?)

**Feedback**

**--------**

- Create a readme file for git repository, describe the repo and where to find things.

- Evaluation every week will affect the grade.

- Make a list of tasks and form a MoSCoW list.

- Maybe make a GANTT chart (planning)

**Who did what:**

Phat:

* Minutes
* ERD v2

Dimitar:

* Did home, register, login, line-up and information wireframes
* Added constraints and risks to the project plan
* Updated the to-do list
* Did the MoSCoW table except the website part
* Added a use case in the process

Dongdong:

* Create agenda for meeting
* Adjust the phasing part of project plan
* GUI Application (CheckIn and CheckOut)
* Updated process report

Diqin:

* Work on the MoSCoW table
* Fix the Constraints part and Risks part of the project plan.

### **Week 4:**

**Minutes:**

**Questions**

**---------**

- Should locations of stores be stored in the database?

- No, an interactive map is an interesting feature (could have).

- How to construct the ERD for things like food, drinks and rentables.

- Think about it from query perspective, will the database design cause problems in any way? Maybe make multiple solutions and when it's time to implement in block 2, we can pick one then.

- Are there ticket types for example 1-day, 2-day and 3-day tickets?

- No, to keep it simple, only have tickets for whole weekend. But it could be an extra feature (would have or could have).

- Feedback on process report?

- Change it to an markdown (.md) file, add a GANTT-chart with weighted tasks (effort needed). Keep the process report updated weekly.

- Feedback on wireframes?

- Wireframes are good and sitemap is good. Might need additional pages later but those can be added later.

- What's the maximum amount of items that can be loaned?

- Make it so the limit can be configured from the application or website (up to us from which one).

- Project Plan v2 feedback

- Add actual dates to phasing, fairly good sections.

- Website development is during this milestone.

- Application development next milestone.

- List of tasks missing.

- Feel free to add a summary and an appendix with more detail if it's too detailed.

- Add visual design if it's done.

- Do we have to make use-cases for all processes for the setup document?

- No, just the common processes (2 or 3 for each member)

- Is the README file good enough?

- It's good enough, add the logo to it though.

**Feedback**

**--------**

- Is there a page for employees to manage the site (add users, remove users, etc.)?

- No. Database to be changed: account\_type, employee\_type, permission.

**Who did what:**

Phat:

* Minutes
* Gantt Chart
* ERD v3

Dimitar:

* Updates to the To Do List
* Created the visual design of the home page
* Created one file for the wireframes, sitemap and visual design
* Added more things to the MoSCoW table

Dongdong:

* Create agenda for meeting
* Updates the Process Report
* GUI Application(Camping, check-in and check-out, shops and loaning stands)

Diqin:

* Start to work on the ticket\_info and buy\_ticket and deposit website
* Give some feedback to the GUI and visual design.

### 

### **Week 5:**

**Minutes:**

**Questions**

**---------**

- Do we need a venue and stage table in the database?

- Leave it out, if we need it later we can refer back to the design.

- Should we add a permission table for specific permissions connected to a role table?

- Either have groups with set permissions or do it your way, both are fine.

- How many shops are there?

- 3 shops, at least more than 2.

- Are shops that sell and rent separated or can a shop offer both?

- They are separate.

- Do we have to make visual designs for everything?

- No, just 2 or 3. At least one very well done.

- Visual design feedback?

- Likes it. Maybe make one more for pages that have a different layout.

- Maybe give it a background, not leave it white.

- Gantt Chart feedback?

- It's ok that it's not detailed, because we have a ToDo list.

- We can use the MoSCoW list in the setup document to make it more detailed.

- Add tasks for application development.

- Final Setup Document task.

- Final Process Report task.

**Feedback**

**--------**

- Make an additional layout to present to the client.

- Keep up with the Process Report every week !important

**Problem**

**--------**

-The application crushed because the name of pictures in shops an loaning stand is too long and too complicated.

**Who did what:**

Phat:

* Static home web page
* Minute
* ERD v4

Dimitar:

* Added a refresh button to all GUI’s
* Created one more visual design for the website
* Filled, updated, added color and made the Setup document, Process report and the Project plan more readable and ordered

Diqin:

* Static ticket\_info\ticket\_buy\deposit pages.
* Give some feedback to the visual design.

Dongdong

* Create the agenda
* GUI Design
* Minute

### **Week 6:**

**Minutes:**

**Questions**

**---------**

- What do you think of the following procedure to buy tickets as replacement for real scenario payment?

ticket amount > buy > locked state > activate with button in account page

- Sounds good

- What do you think about an extra feature on the admin panel where the admin can search user information?

- Good

- How many employees are there?

- 20 to 30 employees, but should be flexible. Admin functions to add employees.

**Feedback**

**--------**

- Extra website feature: change dark opacity of jumbotron when hovered.

- Admin design is good, think of the features discussed today.

- Add design to the apps to match the website.

- Create gifs to demonstrate functionalities later in the project.

- Upload website to HERA.

- Add HERA link to README and send an email to the client.

**Who did what:**

Phat:

* ERD v5
* ERD v6
* Use case deposit or retrieve money from balance

Dimitar:

* Static website (registration and login)
* “Changes” section in the project plan

DIqin:

* Static website(information page and ticket page)

Dongdong:

* Static website(lineup page and deposit page)
* C# Admin design
* Create the agenda

### **Week 7 till 10**

**We were done with deliverables for block 1 so we were preparing for the exams.**

### **Week 1 Block 2:**

**Minutes:**

**No meeting in the first week.**

**Who did what:**

Phat:

* App in WPF MainWindow, FestivalCheckInWindow
* BarcodeReader with camera

Diqin:

* Update the gantt chart.

Dongdong:

* PHP line-up page code
* Database info added

Dimitar:

* Code for registration C#
* Code in a few classes for the shops in C#

### **Week 2 Block 2:**

**Minutes:**

**Questions**

**---------**

**Feedback**

**--------**

**Who did what:**

Phat:

* App FestivalCheckOutWIndow, CampingCheckInWIndow, CampingCheckOutWindow, ShopWindow and redesigned MainWindow.

Diqin:

Dongdong:

* Fixed the Line-Up Page bugs

Dimitar:

* Some more registration code in C#

### **Week 3 Block 2:**

**Minutes:**

**Questions**

**---------**

**Feedback**

**--------**

**Who did what:**

Phat:

* Redesigned index.php of website to make better use of space.
* Added carousel
* Added countdown timer
* Fixed social media links in footer

Diqin:

* Finish the GUI for the ticket selling at the event.

Dongdong:

* Design the Dashboard

Dimitar:

* Fixed the camera problem in festival check in app

### **Week 4 Block 2:**

**Minutes:**

**Questions**

**---------**

**Feedback**

**--------**

**Who did what:**

Phat:

* Changed design of other pages to match new design.
* Fixed footer to bottom problem (workaround; it’s fixed to bottom of screen).
* Fixed navigation bar active links.

Diqin:

The Newsletter function

Dongdong:

* PHP User register
* PHP User login

Dimitar:

### **Week 5 Block 2:**

**Minutes:**

**Questions**

**---------**

**Feedback**

**--------**

**Who did what:**

Phat

* + Fixed some mistakes in account page of website
  + Added new blank RegistrationWindow in app

Dongdong:

* PHP User logout
* PHP Account information, change password, deposit and withdraw money.
* Information-page redesigned

Dimitar:

Diqin

* PHP ticket page
* Add a price for ticket in ticket page.

### **Week 6 Block 2:**

**Minutes:**

**Questions**

**---------**

**Feedback**

**--------**

**Who did what:**

* Phat
  + Redesigned account page
  + Fixed Ticket link on index.php based on logged in session
  + Added functionality to select shops
  + Added functionality to get items by selected shop
  + Added functionality of tab items being hidden when empty
  + Fixed several bugs surrounding switching between shops.
  + Added ProgressDialog for fetching items from database on store selection
  + Added read transaction log file and update balance in db functionality
  + Added TransactionWatcherWindow where the files will be listed.

Dimitar:

* Festival check in can read QR
* Festival check in can assign RFID
* Registration app more functionalities

Dongdong:

* Festival check in can read QR
* Minutes and agenda
* Rental Items gets from database

Diqin

* Change the way for buying ticket.
* Change something for the balance when people buy ticket and reservation

### **Week 7 Block 2:**

**Minutes:**

**Questions**

**---------**

**Feedback**

**--------**

**Who did what:**

Dimitar:

* Registration app/Buy ticket app version 1 almost done
* Updated the code and fixed bugs because of a change in the database
* Fixed bugs and added functionalities to the festival check in
* Made the registration app easier to use (removed unnecessary fields)
* Further improved the festival check in

Phat

* + Added SaleWindow payment by RFID, balance gets updated and purchased items are added in sale table.

Dongdong

* + Web Update Functions
  + Minutes and agenda
  + Rental Items RFID scan confirm function

Diqin

o     Add a new button at account page to invite people to camping spot.

o    PHP for the another way to reserve the camping spot.

o    Add a label at ticket page to show the total price.

### **Week 8 Block 2:**

**Minutes:**

**Questions**

**---------**

**Feedback**

**--------**

**Who did what:**

Dimitar:

* Functionalities of the registration app are mostly done (register, buying a ticket and renting a campspot)
* Festival check in/out and camp check in/out are done with checks – changes the ticket status (keeps track where the person is), can’t buy a ticket when the visitor already has one, can’t reserve a camp spot if he has one or doesn’t have a ticket and more

Dongdong

* Information graph used by VisFire
* Information graph used by Live Chart
* Add one more graph
* Redesign the dashboard

### **Week 9 or 10 Block 2:**

**Who did what:**

Dimitar:

* Updated code for the changed designs of festival check in/out and camping check in/out
* Removed the need to click a button in the camping check in and out
* Tested and fixed bugs in the check ins and outs
* Updated and improved code for the changed design of the Registration app
* Tested and fixed bugs in the registration app
* Implemented the RFID log in
* Wrote documenation

Phat:

* + Fixed selected shop from login
  + Added redirect to window from login functionality for other windows too
  + Added new style for fields in FestivalCheckOut
  + Fixed style for FestivalCheckIn and FestivalCheckOut
  + Fixed design for CampingCheckIn and CampingCheckOut too
  + [Fixed design for RegistrationWindow](https://git.fhict.nl/I377952/ProP_Group_31/commit/b0c7c596ead2d6326442bc00233a1329654146e7)
  + [Fixes to rent items because changes to db](https://git.fhict.nl/I377952/ProP_Group_31/commit/99c142e5891130996d69f061e37648c2be9705a4)
  + [Resolved design issue with Buy Ticket/Reserve Campspot](https://git.fhict.nl/I377952/ProP_Group_31/commit/23d68bc9f0f962903a63851e0b8af0d4f5cc8316)
  + Fixed uploading picture to db
  + [Fixed rental stuff after db change](https://git.fhict.nl/I377952/ProP_Group_31/commit/abc87ce1e04a7d2cea26d345b950479cc6e290a5)
  + [Finished return functionality](https://git.fhict.nl/I377952/ProP_Group_31/commit/152b8fac45220a52a89b96686c02b61756616cf7)
  + [Added balance decrease when renting items](https://git.fhict.nl/I377952/ProP_Group_31/commit/792be36606f0186727eefb62f703898d3f0bdd27)
  + [Added functionality to select and move multiple items in return view](https://git.fhict.nl/I377952/ProP_Group_31/commit/03779ead21dfee6a6491a666dd547a26df58a3ea)
  + Added return functionality to FestivalCheckOutWindow

Dongdong:

* Dashboard Information added
* Dashboard Add Shops
* Dashboard Assign Employees to shops or loans
* Dashboard search users information function

Diqin

* l  Fixed the problem that the balance didn’t change when user buy ticket and reserve camping spot.
* l  Change the button named Change Password to Edit Profile
* l  Added a new function to Edit Profile which help user to upload a photo
* l  Show the picture which the user upload in account page.

**Presentation**

# Mark justification

Mark: 9.0

Our repository is well structured and managed. Agendas, meetings and documentation are well documented. Our website and application fulfill all requirements with additional features, they are also well designed and responsive.

Our project teamwork is freer as in the members can be flexible in what they want to work on and when. However, we take care to not work on the same thing by good communication. Our group kept track of the plans we made and we did not fall behind our schedule. We discussed all changes to the design we were going to make. All difficulties were discussed and resolved together as a team.

# Individual reflections

Phat

* Experienced, pro-active and willingness to help. But not fit to be a leader and manage a project, as in distribute tasks evenly and scheduling.
* Plenty of effort spent; on own tasks and in helping others.
* Improvement: reconsider introducing new technologies that could be difficult to learn and maybe manage project more structurally (divide tasks clearly and set hard deadlines).

Dimitar

* Pro-active, willing to help and learn. Took initiative as a leader in order to divide work properly, motivate other team members to give their opinions on topics about our work and organize everything easier.
* Sometimes underestimated how much work is left to be done. Sometimes left the team members with too much freedom, me included.
* Grew a lot as an individual. Learned how important taking initiative, taking responsibility for things, finding the right way to communicate with different people is. Learned to trust the other team members, but still push them to strive for something better every time.
* We tried to divide the tasks equally between all team members. We tried to help each other whenever somebody struggled with something even after trying to find a solution himself for some time. I worked quite a lot on my tasks and tried to do them as best as I could. Researched other useful things that we may use to make our final product even better.
  + Should try not to underestimate the amount of work that has to be done.
  + Keep more track of what everybody is doing and insisting on everybody doing his work
  + Gather more with the team so I get to know them even better

Diqin

       It’s good to ask teammates and learn a lot new knowledge by this way.

Have some good idea to solve some logic problem.(Try to solve some academic problem next time) and need a more clear plan to do the project.

Improvement: I need to be more active on discussions in the daily meeting. Try to find more question to share with teammates and find the solution together. Don’ t afraid about share your own idea .

Dongdong

* Positive attitude, willing to ask problem. But not experienced and advanced, needs more exercise
* Sometimes keep silence instead of discussing in the group and meeting. Should be more talkative and creative.
* To have critical thinking. Sometimes too stubborn in some aspect of thinking. Learn to judge on myself.
* Too late to start learning WPF. I should spend more time on it and get familiar with coding by WPF. I am supposed to follow the milestone but forget about it in the later. Follow the Gantt Chart and finish the job on time instead of delaying.