# Progress report

Version 1.0.0

Tutor: Andrius Kuprys

Huy Bui, Huy Nguyen, Son, Nam

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# Work division

Leader: Huy Nguyen

Minutes: switch role weekly

All document: Everyone

Website: Son and Nam

Application: Huy Bui and Huy Nguyen

## Week 1

ProP meeting Minute (Week 1)

Attendees: Huy Bui, Son Le, Nam Le, Andrius Kuprys

Absent: Huy Nguyen

Date: 12/02/2019

**Discussion's action point**

- Minute has to be taken every meeting and hand in next day(next 24hrs)
- Website should allow visitors to buy ticket, reserve camping and show general descriptions of event
- Application requirement: check in out with rfid, sell item and loaning, employee can register to system
- Project plan versions will be delivered in week 2-4 on Monday
- Logo and group name should be in project plan
- Discuss with tutor before asking client
- Write agenda before meeting
- Spend 15hrs per week individual
- Phase and Milestone should use Gantt chart for phasing and milestone

| Task | Implement | Finished |
|---|---|---|
| **Project plan draft version** | Huy Bui | 100% |
| **Work division** | Everyone | 100% |

## Week 2

ProP meeting Minute (Week 2)

Attendees: Huy Bui, Son Le, Nam Le, Huy Nguyen, Andrius Kuprys

Date: 20/02/2019

**Discussion's action point:**

- Make appointment with tutor.
- This event is about creating a manager system for multiple music events.
- Communication plan should be prepared, for example following this content:

| Person | Role title | Frequency | Format/Channel | Note |
|---|---|---|---|---|
| | | | | |

- The structure of the events includes database, web, interfaces, UI.
- Check in/out system are required to allow to read RFID-chips (through bracelets, for example).
- Design MoSCoW List for website.
- Focus on realistic works, do the most important functionality first.
- Contact client if problems or unclear parts appear to ensure the events following the requirements of client.
- Redo the Orientation and Design by Excel.
- Languages used for ProP (html, php, css) need to be declared in Project plan
- In the end of the project, database for websites need to be applied.
- Prepare presentation on working product.
- Prepare Setup document.

| Task | Implement | Finished |
|---|---|---|
| **Update project plan** | Everyone | 25% |
| **Learn Identification method (RFID, QR-CODE)** | Son Le, Nam Le | 50% |
| | | |
| | | |

## Week 3

ProP meeting Minute (Week 3)

Attendees: Huy Bui, Son Le, Nam Le, Andrius Kuprys, Huy Nguyen

Date: 12/02/2019

### Discussion's action point

- Fix user case (change sequences of user interactions).
- Fix ERD (add more tables, remove foreign keys).
- Start designing GUI.

| Task | Implement | Finished |
|---|---|---|
| **Update and fix project plan** | Everyone | 75% |
| **Set up document draft version** | Huy Bui | 5% |
| **ERD draft** | Huy Nguyen and Huy Bui | 75% |
| | | |

## Week 4

ProP meeting Minute (Week 4)

Attendees: Huy Bui, Son Le, Nam Le, Andrius Kuprys, Huy Nguyen

Date: 12/02/2019

### Discussion's action point:

- Add more description to wireframe and GUI.
- Change the listbox in Shopping system.

| Task | Implement | Finished |
|---|---|---|
| **Update and fix project plan final version** | Everyone | 100% |
| **Update wireframe** | Son | 30% |
| **Update GUI** | Nam | 30% |
| | | |

## Week 5

We do not have meeting this week so we did not have minute

| Task | Implement | Finished |
|---|---|---|
| **Update User cases and Functional requirement** | Huy Bui | 75% |
| **Fix Wireframe** | Son | 80% |
| **Fix GUI** | Nam | 75% |
| **Update ERD** | Huy Nguyen | 80% |

## Week 6

ProP meeting Minute (week 6)

Attendees: Huy Bui, Son Le, Nam Le, Huy Nguyen, Andrius Kuprys

Date: 19/03/2019

### Discussion's action point:

**Project plan:**

- Fix Fonts, grammar mistakes
- Specify "Hardware IDE"
- Add the user's manners

**Setup document:**

1.USER CASE

- Adding use case diagram

With the flow chart:

- Add condition to reserve camping spot
- Point to "End" every action
- Change the curve rectangle to Input/ Output rectangle
- Specify what the flowchart describe
- Rearrange the task in "Camping"

2.FUNCTIONAL REQUIREMENT

- Change the format for "Functional Requirement" for better view

3.ERD

- Add the “Events” table
- Connect CUSTOMER and CAMPING_SPOT directly, add more entities into CAMPING_SPOT (capacity, type, section…)
- Add the “Ticket” table
- Add “BUY_ITEM” table
- Change connection between STORE with ITEM and DEVICE
- Make EMPLOYEE a separate table
- Remove STORE’s profit

4.SITE MAP

- Simplify it

5.WIRE FRAME

- Put a description on each page
- Rearrange the other of the pages
- Make the wireframe base on Site map and ERD

6.GUI

- Improve reserve spot to allow user to scan RFID
- Make the picture more clear
- Let the tab ended separately from the listbox

| Task | Implement | Finished |
|---|---|---|
| **Fix User case, Update flow diagram, Fix project plan final version** | Huy Bui | 90% |
| **Fix Wireframe** | Son | 90% |
| **Fix GUI** | Nam | 100% |
| **Fix ERD and Flow diagram** | Huy Nguyen | 100% |

Week 7

## ProP meeting Minute (week 7)

* Contact clients, ask question if he agree or not

* Put description ERD, GUI

* After filling all information, user should scan RFID again to enter the event

* Camping spot interface is not an action

* Every action should be clear (Where it is start, for example log in first)

* Show event statistic **** Always try to use action in flowchart ****

* All rectangles are action, cirles are end and start

* Add new table Balance

* Specify relationships between CUSTOMER and TICKET

* Don't use intersection table in ERD Modeling

* Remove StoreId in ITEM Table

* Add one more table about Artist description

* Submit all deliverables before new block starts

* Managers don't work in shops or check in/check out

* Add Type field in EMPLOYEE Table (define the specific roles of the employee)

* Create database design (MySQL workbench) (for deliverables)

| Task | Implement | Finished |
|---|---|---|
| **Fix set up document final version** | Everyone | 100% |
| **Start Static website** | Son Le, Nam Le | 50% |
| | | |
| | | |

## Week 9

Group private meeting so we do not have minute

| Task | Implement | Finished |
|---|---|---|
| **Update Static website** | Huy Bui and Son | 75% |
| **Final check and fix all document** | Nam and Huy Nguyen | 100% |
| | | |
| | | |

## Week 11

We do not have meeting this week

| Task | Implement | Finished |
|---|---|---|
| **Update Static website** | Huy Bui and Son | 100% |
| **Final check and fix all document** | Nam and Huy Nguyen | 100% |
| **Update Process report first version** | Huy Bui | 75% |
| | | |

## Week 12

We do not have meeting this week

| Task | Implement | Finished |
|---|---|---|
| **Update website front-end** | Son | 50% |
| **Implement Log in function for employees** | Nam and Huy Nguyen | 100% |
| **Convert html files to php** | Huy Bui | 75% |
| | | |

## Week 13

07/05/2019

Group members:

- Huy Bui
- Huy Nguyen
- Son Le
- Nam Le

**a) What we have done?**

1. Submitted the Week 1 requirement (block 4).
2. Submitted the Setup Document.

3. Static web.
4. User application.
5. Progress report.

**b) What we should do?**

1. Contact to the client (should have 2 meetings).
2. Upload the static web to GIT.
3. Specify how much each member work for each task.
4. Remove the deadline from Progress report.
5. Ask client how to change the quantity of the products of shops during the event.
6. Finish the project before Week 6 (also can improve before the presentation).

| Task | Implement | Finished |
|---|---|---|
| **Update website front-end** | Son | 60% |
| **Implement check-in and out function** | Huy Nguyen | 25% |
| **Implement shopping function** | Nam | 25% |
| **Convert html files to php** | Huy Bui | 100% |
| **Sign up function** | Huy Bui | 50% |

## Week 14

Client meeting( 17/04/2019)

**Members**:

- Huy Bui
- Huy Nguyen
- Nam Le
- Son Le

**Client**: Jesus Ravelo Sanchez

**What we have discuss with client and his suggestions:**

Website:

- Showed the web page to client.
- Reduce to just one type of ticket (only GA tickets).
- Maximum tickets purchase for one person is 7.
- One form for the person who buy many tickets.

- One camping spots have maximum 5 people (depending on the event). It can change from an event to another. For example, with one event it can be 5 people per spot, another one may have 3 or 4. But at the end, there should be one event
- No sections in camping spots.
- Send email confirmation to customers is a MUST have in MOSCOW phases.

Applications:

- Make an app for manager to create employee's accounts.
- Find a method to add some kind of barcode to the products.
- A device won't need to be returned by the same person who borrowed it.
- No need to have personal information for manager.
- Manager want to decide how much the tickets will cost more when customers buy them at the gate.
- Cannot transfer money directly to customer's account (need to have agreement with the bank instead).
- The balance of customer should be save on the database.
- The selling items in the shop should be flexible.
- One person can have a spot and if they want to share, they should provide other sharing people's information.

| Task | Implement | Finished |
|---|---|---|
| **Update website front-end** | Son | 70% |
| **Implement check-in and out** | Huy Nguyen | 50% |
| **Implement Top-up balance** | Huy Nguyen | 0% |
| **Implement shopping** | Nam | 75% |
| **Implement loaning items function** | Nam | 20% |
| **Sign up account** | Huy Bui | 100% |
| **Log in account** | Huy Bui | 75% |
| **Booking tickets** | Huy Bui | 25% |

## Week 15-16

We do not have minute this week

| Task | Implement | Finished |
|---|---|---|
| **Update website front-end** | Son | 90% |
| **Implement check-in and out** | Huy Nguyen | 100% |
| **Implement Top-up balance** | Huy Nguyen | 25% |
| **Implement shopping** | Nam | 100% |
| **Implement loaning items function** | Nam | 50% |
| **Reserve camping spot** | Huy Bui | 50% |
| **Log in account** | Huy Bui | 100% |
| **Booking tickets** | Huy Bui | 100% |

## Week 17

06/06/2019

**Group members:**

- Huy Nguyen
- Huy Bui
- Son Le
- Nam Le

**What have we discussed?**

- Send tickets to every member in group tickets.
- Before the event the customers should have positive balance
- Top-up through the log file
- Mention extra feature in the presentation
- The application should not have any crash or exception.

**What should we do?**

- Next Wednesday, every deliverable (process report, websites, application, setup document, …) needs to be submitted.
- Presentation should take maximum 10 minutes, should show the strongest point of the product, give the introduction quickly, then present the strongest things. After the presentation, should have conclusion, for example, the application could do …, what still need to be improved, what we learned. Each member need has at least 2min of presentation. The clients and the tutor will have 20 minutes to ask about the project (each person).

| Task | Implement | Finished |
|---|---|---|
| **Update website front-end** | Son | 90% |
| **Implement Top-up balance** | Huy Nguyen | 50% |
| **Implement loaning items function** | Nam | 75% |
| **Reserve camping spot** | Huy Bui | 100% |

## Week 18

We do not have minute this week

| Task | Implement | Finished |
|---|---|---|
| **Update website front-end** | Son | 100% |
| **Implement Top-up balance** | Huy Nguyen | 100% |
| **Implement loaning items function** | Nam | 100% |
| **Progress report** | Huy Bui | 90% |

# MARK JUSTIFICATION

## What mark do you feel you deserve?

We all think we can get 8 overall, because we had finished all deliverables and made a couple extra requirements. Even though we lack off meeting and communicate with client, but it did not make any big trouble affect the project.

## STRONG POINTS

### Cooperation

- The whole group contributes to the implementation and documents.
- Discussions always reach the final agreement
- The client requirements are met at least 90%
- Every member is responsible for our individual task and follows the plan strictly, devotes ourselves to the goals of the whole group

### Deliverables

- Our group deliverable a nice-looking user interface with some extra functions. The team tried our best to work out the best results and the most functional-looking Website.

## WEAK POINTS

### Group working

- At the beginning of implementation, the team is weak at planning individual works which made the team's agreements are misunderstood by some of us.
- Missing some client agreement until the week 14th.

### Deliverables

- All members of the team are from software stream, so document writing is weak. However, everyone tried to understand the tutor requirement to gain the agreement.

# GROUP REFLECTION

## Weak traits affect project

First, as a group, we did not have face-to-face meetings as frequently as we should have.

Secondly, the communication with the client was not at all as frequent as it should have been. We did not have a chance to make a confirmation with the client since we had only one meeting with client. We did not spend enough time to test others function during implementation which made few of us struggle debugging which took longer time than planned.

As we mentioned, the documents writing skill was weak but we tried to deliver the best documents that we can.

## What we learnt from this project

**Communication with client:**

- It is important to make sure the client knows what the team is doing, the problems we get into and whether the function requirement is correct or not.
- Documentations are key for the client to track progress.

**Cooperation with group members:**

- Each member should notice the progress of others, not only their own.
- Giving and receiving feedback from team members frequently is a key to success during a project.
- The testing phases are extremely important, and all group members should be gathering to test functions together.
- The group members should have conversations regarding other topics than project to understand others personality better and to adapt to the group’s personality.

**Presentation:**

- How to sell a demo product in real life.
- A system does not only need to properly function, but it also needs to attract users and be suitable for your target group.
- An application should visualize if it works according to requirement or not.
- A flashy system containing high resolution videos is not always suitable, it depends on the targeted user group.
- It is fine to make mistakes, but only if we learn from them.

# INDIVIDUAL REFLECTION

## Huy Bui:

- **Strong/Weak traits that affected the project:**
  Strong: Made group working together. Understand member's weak point so work efficiency of each person is better.

  Weak: Communicating, decision making and tracking process

- **Learning moments from the project:**
  I learned how to manage work time for me and everyone so it can be more efficient. The documentation process allowed me to understand the important of communication and teamwork in group project.

- **Evaluation of spent effort:**
  I used 80% of effort for this project

- **what could you do better next time?**
  I could have spent more time to understand requirement and made a better plan. I have to use GIT so group work will be way easier.

## Huy Nguyen:

- **Strong/Weak traits that affected the project**

I sometimes submit my work later than the other members in the group and gain a lot of complains from my team. However, their opinions are the motivation for me to developp myself. In other words, I'm always do my best to improve the application of the project, make it more reality and innovated from the project assignments.

- **Learning moments from the project**

That't the time when we gathered at the library, or at my home to discuss about the project. Not only the completion of the project grow quickly but also we learn from each other a lot. The power of team work is when we can reach further but still fixing other mistakes when we are in process.

- **Evaluation of spent effort**

This project I only use 65-70% of efforts because I'm not totally focus on it. I still have classes to attend but if I have another chance, I will completely put myself on the project (depends on it contains of course).

- **Improvements for next project (what could you do better next time?)**

- I will no longer delay my work and submit overdue.
- I will spend more time discussing with the other teammates.
- I will try to develop the project to a new level.
- I will put full effort on it.

## Son Le:

**Introduction:**

During the time of 6 months working and learning with my team, I have obtained a lot of useful knowledge as well as skills which would be helpful for my future professional programming career. However, some mistakes still happened which I need to learn from in order to maximize the productivity.

1. *Strong/Weak point during the project*:
    - Strong point:
        - Always stay positive.
        - Communicate with partners as much as possible when some problems need to be solved.
        - Rarely have argument with the team.
    - Weak point:
        - Time management was not good enough leading to the decrease of productivity.
        - Focusing on the deadlines.
2. *Learning/Experiencing*:
    - Working as professional:
        - Working and discussing with clients helps me to realize how the professional environment looks like.
        - My soft skills are also improved significantly.
    - The opportunity to work as a professional web developer and design the web myself.
3. *Evaluation spent effort*:
    - Spent almost 300 hours in 20 weeks during the project but the time in each day and each week is not equal (some days/weeks had less hours or more than the others).
    - Design the website easy to look and use.
4. *Improvement for next project*:
    - Time management needs to be improved because I did not manage the time well during this project.

## Nam Le:

### Introduction:

After almost 6 months working on ProP with my team, I've gained a lot of useful knowledge which would be helpful for my projects. However, there are still some mistakes, which I need to learn from, in order to increase my productivity and also save more time.

### 1. Strong/Weak traits that affected the project

- Strong traits:
  - Keep good communication with each members in the team.
  - Rarely have argument with the team.
  - Always stay positive.
- Weak traits:
  - Unclear work division of the application which slowed the team down.
  - Time management is not good enough.

### 2. Learning moments from the project

- The most essential experience is working as professional:
  - Have meetings and discussion with the client, which help me to know basic ideas of working professionally.
  - Improve the ability of expressing my ideas to others.
  - Improve soft skills (presentation skill, teamwork, etc. ).
- The opportunity to apply advanced technologies which are used in our daily life:
  - RFID (scanner and cards).
  - Barcode (scanner).
- Design and implement a fully functional application for event.

### 3. Evaluation spent effort:

- Spent approximately 227 hours during the project but the amount of time was not equally divided into 14 weeks (there were some weeks had less hours of working than the others and some weeks had more).
- Made the application as good as possible.
- Usually try to figure out the problems myself before asking someone else.

### 4. Improvements for next project:

- Time management (organize the time efficiently).
- Communicate more with the client since he is the one who makes decisions.