Process Report

Of

Group:	**PROP Group 10**
Tutor:	**Stan van Hartingsveldt**
Students:	**Nadya Cheperkova**
	Jiazheng Zhu
	Stefan Lazarevic
	Chioma Ezeh
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Global work division

- **Cheperkova Nadya -Project Leader**
  - completes visual designs of the website(non-functional)
- **Jiazheng Zhu - Group member**
  - completes the project plan, steup document and process report
- **Chioma Ezeh -Group member**
  - completes the GUIs of the applications (non-functional)
- **Lazarevic Stefan -Group member**
  - completes the GUIs of the applications (non-functional) with Chioma
- **All group members** work on the ERD design together

Week 3:

MINUTES SUMMARY

Agenda
- Make a short presentation to the client
- Ask the client questions and find out the client wishes

Notes
The meeting started by the introduction of members to the organising chairman, this is followed by a brief presentation of the project event.

Deliverables
- A website
- 7 applications
  - Application for the shop
  - Application for loan stand
  - Application for check-in and check-out application for camping
  - Application for check-in and check-out for the event
  - Application for reservation
  - Application for the ATM machine

- ○ Application for status information This is only for the manager use

The Event website
<u>Functionalities:</u>
- A user can get enough information about the event.
- Buy event tickets. Available are:
  - ○ A single ticket for one day
  - ○ A package for two days and the night
  - ○ A package for the whole event
- Keep track of personal activities via a user profile which contains information like personal contact information, borrowed items from the loan shop, etc.

Camping site on the website
<u>Functionalities:</u>
- A user can view the available camping site and also see the prices.
- The option of selecting a preferred camping site.
- It is cheaper when a user registers on the website earlier.
- Depending on the time of registration, a user can withdraw his reservation and get part of his payment back.
- There should be an option for making reservations for 2, 4, or 6 people by providing the ticket number of the persons. This reservation can be done for persons who has purchased the 2 days event ticket.

About the applications
- The organising chairman suggested having pictures of the food to enable easy purchase, where the user clicks on the image to order. He also added that it should be possible to reserve a camping site and access the website using a mobile phone.
- The deliverables are to be completed before the end of January 2019.
- The Organising chairman, Mr. Andre Postma left the meeting at 12:25pm
- The meeting continued with the rest of the members present. Review and corrections was made on the project plan.

Who did what
- All group members made the presentation to the client.

Week 4:

MINUTES SUMMARY

Agenda
- Review Project Plan (Risks and Phasing)
- Review the draft visual design of the website

Notes
It started with reviewing the project plan and figure out below things
- The project leader should be a specific person
- Problem description and project goal should be concentrated
- Deliverables and non-deliverables should be changed
- Risks and phasing are correct, and they can be more completed: add more risks and complete the last three parts of phasing

For the visual design of website
- The second version is preferred
- Other pages will be completed
- We agreed on that static part of website will delivery later, not next week

For extra
- Database design (ERD) is expected

Who did what

- Jiazheng Zhu made the project plan
- Cheperkova Nadya made visual designs of the website
- Ezeh Chioma & Lazarevic Stefan made the GUIs of the applications

Week 5:

MINUTES SUMMARY

Agenda
- Final review of the Project Plan
- Discuss the visual design of website
- Discuss the design of the applications

Notes
The meeting started with the discussion of the Project Plan and there are several changes that need to be made

For project plan
- **Current Situation** - The last sentence is irrelevant
- **Problem Description** - The first and second sentence should be combine in one
- **The goal** - Needs to be rewritten; furthermore, it is not needed to state 'our'
- **Deliverables and Non-deliverables** – It is not necessary to say 'functional' website; we do not deliver the database to the client; non deliverable can be a manual;
- **Constraints** – Database is not a constraint as the client did not mention it; the constraints are not limitations from outside but for our specific task; more constraints need to be added
- **Risks** – Risk 4 should to be changed and more risks should be added
- **Phasing part** – Milestones are not clear and need to be improved; the estimated duration should include working hours

For the visual design of the website
- It is recommended to ask the visitor in the website if he/she wants a camping site and not open the camping site map immediately after choosing the specific ticket.
- If a person order tickets for more people, the names of the other people needs to be store, we can ask him for their emails, so we can send them their tickets without asking them to create accounts.

For the design of the applications
- **Shop application** – more products need to be added; drinks and food should be separated; we need to think of how the clients are going to pay
- **Reservation, ATM, Check-in/out** – for the next time, we need to think more about their design

Who did what

- Jiazheng Zhu improved the project plan
- Cheperkova Nadya improved visual designs of the website
- Ezeh Chioma & Lazarevic Stefan improved the GUIs of the applications
- All group members made the Database design(ERD)

Week 6:

MINUTES SUMMARY

Agenda
- Review first version of ERD (all entities, attributes and relationships)
- Review first version of GUIs (check in/out for event and camping site applications, shop application)
- Review the website

Notes
It started with reviewing the ERD and figure out below things

For ERD

- **Reservation** - No reservation entity
- **Ticket & Customer** - One customer can only have one ticket and one ticket must belong to one specific person
- **Ticket & Camping Site** - Ticket can have camping site or without it(optional). It is possible that many tickets have only one camping site
- **ATM** - In the ATM entity, there should be a unique event account or customer account as a primary key and the other attributes can be balance, QR code and so on.
- **Store** - It is better to use the Product entity instead of Store which may have drinks, food, prices, quantities/stocks as its attributes.
- **Loan** - Add quantities/stocks in Loan Product entity as well
- **Customer** - Add balance in the Customer entity
- **ATM & Customer** - The ATM entity should have relationship with the Customer entity

For the design of the applications
- In the **Overview Application**, visitor status should be searched by unique customer id or ticket number
- In the **Check in/out Applications**, customer will have QR code by email, so there is no responsible to generate code. Also, employees should have scanners instead of visitors, so there is no QR code in the application. It should be scanner windows or something
- In **ATM applications**, there should be no QR code as well. Add balance in the application and it supposed to show log file

Who did what

- Jiazheng Zhu made the Setup document
- Cheperkova Nadya worked on CSS of the website
- Ezeh Chioma & Lazarevic Stefan worked on the final GUIs of the applications
- All group members improved the Database design(ERD)

Week 7:

MINUTES SUMMARY

Agenda
- Review second version of ERD (all entities, attributes and relationships)
- Review second version of GUIs (check in/out for event and camping site applications, shop application)

Notes
It started with reviewing the ERD and only figure out one thing

For ERD

- **Loan** – The attribute "stock" is not good in the entity and checking the loan items if it is broken and the borrowing time of it is necessary.

For the design of the applications
- **For the GUIs of Applications**
  - We all agree that QR code is changed by RFID chip.
- **For the Check in/out Application**
  - Think what if the visitor is checked in and he/she goes out and recheck again. How to deal with it?
- **For the Loan Application**
  - In the home page, it is nice but the term and conditions is not necessary to show for users, because it is used by employees.
  - In the loan page, it is better to show the specific date when the loan item is borrowed and when it will be returned instead of the choice of number of days. Think of how the product returns and check if it is broken or not.
- **For the Camping Reservation Applications**
  - Some numbers are missing on the map
  - The number of night is not clear as it in the loan application (Add date)
- **For Shop applications**
  - In the home page, no groupbox1 and the list box. Think of the button of "Finish" and the question "Can you close the application successfully in this step?"
  - In the food page, some button are not shown and it is better to show both names and prices of food and the transport also shows in the bottom purple part.

Who did what

Jiazheng Zhu improved the setup document

Cheperkova Nadya worked on CSS of the website

Ezeh Chioma & Lazarevic Stefan worked on Final GUI design

All group members worked on Database design (ERD)

Week 10:

MINUTES SUMMARY

Agenda
- Final discussion on the first block deliverables

Notes
The meeting started with the discussion of the ERD and there are several changes that need to be made

For ERD

- **Product entity** – The attributes 'Drink' and 'Food' can be specified only as 'Product Name'
- **Customer entity** – The relationship from Customer to Loan_Item is optional
- **Customer_Account entity** – This entity is not needed because the relationship between Customer_Account and Customer is one-to-one, so the attributes from Customer_Account can go in the Customer entity
- **Ticket entity** – Think more about the relationship between Ticket and Customer or remove Ticket entity
- **Item_Loan entity** – It needs to contain Start date, Return date and State Returned

For the design of website
- The user can easily make a Profile, but his/her details are stored in the database only when he/she purchase a ticket

For the design of the applications
- **Shop application/Loan application** – It needs to display the name and the price of the products; When the product window shows up, it should display the number in stock of the specific product; The Cart needs to count the products of the same type and not adding them one by one
- **Loan application** – It needs to display the name of the product

Who did what

Jiazheng Zhu worked on Final setup document and process report

Cheperkova Nadya worked on Final design of the website

Ezeh Chioma & Lazarevic Stefan worked on Final GUI design

All group members worked on Database design (ERD)

Mark justification

Individual reflections

Appendix A:

In the interview with the client, we all agree on below things

Deliverables

- A website
  - The website will display nicely on a laptop but also on a mobile phone.
  - It is cheaper when a visitor registers via the website than during the festival.
  -
- 7 applications
  - Application for the shop
    - For food, drinks, we provide buttons with a picture (and possibly text)
  - Application for loan stand
    - For items that can be borrowed, we provide buttons with a picture (and possibly text)
  -
  - Application for check-in and check-out application for camping
  - Application for check-in and check-out for the event
  - Application for camping reservation
    - employees can click on the map to reserve a camping spot
  -
  - Application for the ATM machine
    - read log files with a certain defined format
  -
  - Application for status information
    - it is only for the manager use

The Event website
<u>Functionalities:</u>
- A user can get enough information about the event.
- Buy event tickets. Available are:
  - A single ticket for one day
  - A package for two days and the night
  - A package for the whole event
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Camping site on the website
<u>Functionalities:</u>
- A user can view the available camping site and also see the prices.

- - When users click on the map they see the price.
- The option of selecting a preferred camping site.
  - Users can only book a camping spot if I have a two day ticket
- It is cheaper when a user registers on the website earlier.
- Depending on the time of registration, a user can withdraw his reservation and get part of his payment back.
- There should be an option for making reservations for 2, 4, or 6 people by providing the ticket number of the persons. This reservation can be done for persons who has purchased the 2 days event ticket.

About the applications
- The organising chairman suggested having pictures of the food to enable easy purchase, where the user clicks on the image to order. He also added that it should be possible to reserve a camping site and access the website using a mobile phone.
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