



Process Report

Music Festival

Group 25

Members :

- Alina Baci
- Ruxandra-Ioana Antohe
- Stoyan Ivanov
- Dylan Muylers

Tutor : Andrius Kuprys

Client : Jesus Ravelo Sanchez

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***Work division of block 1**

Leader : Stoyan Ivanov

Minutes :

- Alina Baci
- Ruxandra-loana Antohe

ERD : Alina BACIU

Website wireframes :

- Stoyan Ivanov
- Alina Baci
- Dylan Muylers

Website(static part) : Stoyan Ivanov

GUI :

- Stoyan Ivanov
- Alina Baci
- Ruxandra Antohe

Week 2

Minutes

Location: R1_2.06

Date: 12/02/2019

Time: 15:15

Attendees: Stoyan Ivanov
Alina Baci
Ruxandra Antohe
Dylan Muyrers

Tutor: Andrius Kuprys

During our first ProP meeting we clarified what are the main requirements of the project.

The only constraint that the project has, is that the software solution should be implemented in a programming language(c#) that is well known by all team members.

The meeting is going to be hold every Tuesday in the room 2.06 and the participation of all members is mandatory. No one is allowed to miss a scheduled moment unless he or she has a good reason and has informed the tutor.

We clarified that for the next Prop Meeting we will need to make the first version of a project plan that needs to include: the current situation, the problem description, goal, deliverables and non-deliverables, constraints, possible risks, phases and milestones, MoSCow List, Gantt chart,etc.

We were also informed that we need to invite the client for an interview and whenever we have questions is to better to ask our tutor before the client.

We were informed that we should do an agenda before each meeting with questions related to the topic and send the tutor an email with the subject that we will want to discuss.

Furthermore, we need to send an Outlook invitation to the tutor to let him know about our scheduled meeting.

Spent Effort

Task		Implementers	Planned time	Actual time	Finished
Project plan (Version 1)	Problem Description	Alina, Ruxandra, Stoyan	1 h	1 h	Yes
	Project Goals	Alina, Ruxandra	1 h	1 h	Yes
	Constraints & Risks	Alina, Ruxandra	1 h	1 h	Yes
	Phases & Milestones	Dylan, Stoyan	2 h	1 h 30 m	Yes
	Moscow Table	Alina, Ruxandra	2 h	2 h 30 m	Yes
	Deliverables/Non-Deliverables	Dylan, Alina, Ruxandra	2 h	2 h	Yes
	Current situation	Alina, Ruxandra	1 h	1 h	Yes
Prepare questions for our mentor		Stoyan, Ruxandra, Alina	1 h	1 h	Yes
Have a meeting with mentor		Stoyan, Ruxandra, Alina, Dylan	30 m	30 m	Yes
Minutes		Ruxandra, Alina	1 h	1 h	Yes

Week 3

Minutes

Location: R1_2.06

Date: 19/02/2019

Time: 12:15

Attendees: Stoyan Ivanov
Alina Baci
Ruxandra Antohe
Dylan Muyrers

Tutor: Andrius Kuprys

During our second ProP meeting with our mentor, Andrius Kuprys, we clarified that our application should be able to create multiple events. When our client wants to create a new event, he will have the possibility to decide the maximum number of tickets that can be purchased, how many camping spots are available to be reserved and how many days the festival/event will last.

Regarding our project plan, together with our tutor, we decided to make some changes:

- The current situation is clear and it satisfies our mentor's goals, but we have to make it a little bit shorter.
- In our paragraph that describes the problem description we have to mention why the current situation should be solved and what are the problems that should be solved. In this case, the part that now contains the problem description will be moved at deliverables.
- Concerning the project goals, this paragraph should contain what we will deliver, so the deliverables (without description) should be moved from the problem description section to the project goals one.

- We need to move the “Powerpoint” from non-deliverables to deliverables.
- Our new version of project plan should also contain a critical path with tasks that we should focus on.
- Constraints should be shorter.
- Regarding the risks, we should change the solutions.
- Our project plan does not need “Orientation & Design” section
- The MoSCoW list should have another design (the importance of each task needs to be shown by J).
- Concerning the “Phases & Milestones” part, we should include different tasks in each phases and also after each phase we will add milestones and deliverables.
- Moreover, a Critical Path with tasks that we should focus on have be added inside “Phases & Milestones”.

For next week we have to make the second version of the Project Plan and also the first draft of Setup Document.

Spent Time

Task		Implementers	Planned time	Actual time	Finished
Project plan (Version 2)	Problem Description	Alina, Ruxandra	1 h	1 h	Yes
	Project Goals	Alina, Ruxandra	1 h	1 h	Yes
	Constraints & Risks	Alina, Ruxandra	30 m	20 m	Yes
	Phases & Milestones	Stoyan	1 h	1 h	Yes
	Moscow Table	Alina, Ruxandra	1 h	30 m	Yes
	Deliverables/ Non-Deliverables	Alina, Ruxandra	2 h	1,5 h	Yes
	Current situation	Alina, Ruxandra	1 h	30 m	Yes
	Fix formatting, grammar etc	Dylan	30 m	30 m	Yes
Prepare questions for our mentor		Stoyan, Ruxandra, Alina	30 m	10 m	Yes
Have a meeting with mentor		Stoyan, Ruxandra, Alina, Dylan	30 m	1 h	Yes
Minutes		Ruxandra, Alina	1 h	1 h	Yes

Week 4

Minutes

Location: R1_2.06
Date: 26/02/2019
Time: 12:15
Attendees: Stoyan Ivanov
Alina Baci
Ruxandra Antohe
Tutor: Andrius Kuprys

During our fourth ProP meeting we clarified that we need to make some small changes on the project plan.

Some changes need to be applied on the current situation. We shouldn't propose solutions, we need to specify what is currently available.

We know that we should specify in the Moscow list that organizing one event is a must requirement and organizing more events is a should have requirement.

Regarding the setup document, we found out that the application should be able to support multiple events. We should specify the fields of the Log In/Registration pages with their meaning.

We need to continue working on the SetUp Document: include a sitemap, do the wireframes for the website and try also to do the wireframes for applications.

Task		Implementers	Planned time	Actual time	Finished
Project plan (Version 3)	Problem Description	Alina, Ruxandra	20 m	20 m	Yes
	Project Goals	Alina, Ruxandra	20 m	20 m	Yes
	Constraints & Risks	Alina, Ruxandra	30 m	20 m	Yes
	Moscow Table	Alina, Ruxandra	20 m	15 m	Yes
	Deliverables/ Non-Deliverables	Alina, Ruxandra	20 m	10 m	Yes
	Current situation	Alina, Ruxandra	15 m	10 m	Yes
Wireframes for Setup document		Stoyan Alina	1 h 30 m	1h 30 m	Yes
Prepare questions for our mentor		Stoyan, Alina	30 m	10 m	Yes
Have a meeting with mentor		Stoyan, Ruxandra, Alina	30 m	1 h	Yes
Minutes		Ruxandra, Alina	1 h	1 h	Yes

Week 5

Minutes

Location: R1_2.06
Date: 12/03/2019
Time: 12:15
Attendees: Stoyan Ivanov
Alina Baci
Dylan Muyrers
Tutor: Andrius Kuprys

During our meeting we discussed that we need to make some changes on the project plan.

We should specify what kind of problems a client expects to solve by using software solutions. We need to be more specific for deliverables.

We need to add a MoScOw table to the Set Up Document that will include functional requirements for website and applications.

Some arrows need to be specified to mark what happens after clicking each button.

For next time:

- start working on the process report
- user cases
- create actors and activities, what each can do

Task		Implementers	Planned time	Actual time	Finished
Project plan (Version 4)		Ruxandra, Alina	4 h	4 h	Yes
Setup document (Version 2)	Website Wireframes for Setup Document	Stoyan, Alina, Dylan	3 h	3 h	Yes
	GUI for Setup Document	Stoyan, Alina, Ruxandra,	6 h	6 h	Yes
	User Cases for Setup Document	Stoyan, Alina, Dylan, Ruxandra	2 h	2h	Yes
	Functional requirement for Setup Document	Alina, Ruxandra, Stoyan, Dylan	2 h	2 h	Yes
	Sitemap for Setup Document	Dylan	45 m	45 m	Yes
Process report (Version 1)		Alina, Ruxandra, Stoyan, Dylan	4 h	3 h 30 m	Yes
Prepare questions for our mentor		Stoyan, Alina	10 m	10 m	Yes
Have a meeting with mentor		Stoyan, Alina, Dylan	30 m	30 m	Yes

Week 6

Minutes

Location: R1_2.06
Date: 19/03/2019
Time: 12:00
Attendees: Stoyan Ivanov
Alina Baci
Dylan Muyrers
Tutor: Andrius Kuprys

During our meeting we discussed that we need to make some changes on the set up document.

We need to add a new form that will identify the employee,so that any employee can work on each application.

Some changes need to be made on the Food & Drinks application by adding one tab with a search button to be able to search products by name.

The review button should be disabled before event and abled during and after event.(Make a requirement in the Moscow List)

We have to do 8 user cases and create a static website for next time.

Task		Implementers	Planned time	Actual time	Finished
Setup Document (Version 3)	Add search bar in food/drink application	Stoyan	15 min	10 min	Yes
	Loaning Shop User case	Alina	30 min	40 min	Yes
	Create Event User case	Ruxandra	30 min	20 min	Yes
	User case Entrance Event	Alina	30 min	20 min	Yes
	User case for food/drink shop	Ruxandra	30 min	30 min	Yes
	User case for Balance Top-up(website)	Dylan	20 min	20 min	Yes
	User case for Buying tickets(website)	Dylan	20 min	20 min	Yes
	User case for Booking camping spots	Stoyan	15 min	15 min	Yes
	User case for Exit Event	Stoyan	10 min	10 min	Yes

	Static Website	Stoyan Dylan	4 h	4 h	Yes
Process report (Version 2)		Alina Ruxandra Stoyan Dylan	1 hour	1 hour	Yes
Prepare questions for our mentor		Stoyan Alina	10 min	10 min	Yes
Have a meeting with the mentor		Stoyan Dylan Ruxandra Alina	30 min	45 min	Yes

Week 7

Minutes

Location: R1_2.06

Date: 26/03/2019

Time: 12:00

Attendees: Stoyan Ivanov

Alina Baci

Dylan Muyrers

Tutor: Andrius Kuprys

During our last meeting for this block we were informed that we need to make some changes on the user cases and ERD.

- First User Case

-add another actor(employee) which sells products, modifies the system

- Purchasing tickets from website

- add more details (select nr of tickets, pick an event, have an option to book a camping spot)

- Top up Balance application

- don't include database technology

- Create Event

- specify instead of actor, admin

- create event app will be displayed should be written on the arrow

- circle at the last step, to show that the chart is done

- Loaning Shop

- delete database

- use rectangles instead of circles

- circles only in the beginning and in the end

- Enter event

- click on open RFID conn

- rectangles instead of circles

- instead of 'status', 'Is the visitor permitted to enter?'

- instead of can't go/can go in show a message that the user is permitted to enter/not enter

- instead of Open RFID connection, Click Open RFID connection

- Book Camping Spot

- "click "open RFID connection

- diamond for List available camping spots instead of rectangle

- remove Changes are saved to the database

- Food Drinks Shops

- add an arrow which goes from "Insert the item to order list" back to "Enter quantity of selected item"

- do the same for "Show visitor information"

- first scan RFID, then you can see if a customer is still allowed to buy products, when you put something on an order, you can already check if that person has enough money(allow someone to buy multiple items, add a diamond with a question "Does the user want to buy anything more?" If yes, then you have to search an entered item chosen my customer again. If no, it goes straight away to payment)

- first scan RFID and in this way you can see directly if he has enough money

Task		Implementers	Planned time	Actual time	Finished
Setup document (final version)	Make the ERD	Alina Ruxandra	40 min	2 hours	Yes
	Change user cases	Alina Ruxandra Stoyan Dylan	1-2 hours	1 hour	Yes
	Make changes according to the client's desires	Alina Stoyan Dylan Ruxandra	2 hours	2 hours	Yes
	Complete static website	Stoyan	5 hours	5 hours	
Process report		Alina Ruxandra Stoyan Dylan	1 hour	1 hour	Yes
Prepare questions for our mentor		Stoyan	10 min	10 min	Yes
Have a meeting with the mentor					

Client Meeting

Location: R1_2.06

Date: 27/03/2019

Time: 14:30

Attendees: Stoyan Ivanov
Alina Baci
Ruxandra Antohe
Dylan Muyrers

During our first meeting with our client we showed him how the applications and the website will look like and we discussed together about some functionalities.

Our client gave us some information about the applications for his festival should work:

- While creating an event, the admin is able to define which products will be sold at the festival, the price and the quantity for them.
- While creating an event, the admin is able to define which devices will be loaned at the festival, the price for loaning and the total amount.
- Each employee can work on many applications, that's why we need to have an identification for employees.
- At the end of the event, returning money is an optional thing and the visitors can keep the money for buying tickets for a future event.
- The visitors who are buying tickets at the gate can also pay in cash.
- One person can book only one camping spot and specify who are the other persons that will use that camping spot.
- If it is possible, the event should have 3 different prices which depends in how many days the event starts.
- For loaning a device, the visitor should pay a deposit.

Regarding our website, the client has the following requirements:

- The first page of our website should be colorful and bright
- There should be some general warnings like "only a few tickets/camping spots left!"
- An event can have 0 camping spots

- We should specify the capacity of a camping spot.
- The section for creating account should not include the section for buying tickets.
- The price for camping spots is not changed.

Week 9

Minutes

Location: R1_2.06

Date: 06/04/2019

Time: 12:00

Attendees: Stoyan Ivanov

Ruxandra Ioana Antohe

Alina Baci

Dylan Muylers

Tutor: Andrius Kuprys

During our meeting with the mentor, we discussed the final versions of our documents.

We checked everything together and in this way we completed the Project Plan, Setup Document and the Process Report for the first half of the ProP.

Besides the documents, we also delivered the static version of our website.

Task		Implementers	Planned time	Actual time	Finished
Setup document (final version)	Change user cases	Alina Ruxandra Stoyan Dylan	1-2 hours	1 hour	Yes
	Make changes according to the client's desires	Alina Stoyan Dylan Ruxandra	2 hours	2 hours	Yes
	Complete static website	Stoyan	5 hours	5 hours	
Process report		Alina Ruxandra Stoyan Dylan	1 hour	1 hour	Yes
Prepare questions for our mentor		Alina Ruxandra Stoyan Dylan	10 min	10 min	Yes
Have a meeting with the mentor					

Week 14

Minutes

Location: R1_2.06

Date: 22/05/2019

Time: 12:15

Attendees: Stoyan Ivanov

Ruxandra Ioana Antohe

Alina Baci

Dylan Muyrers

Tutor: Andrius Kuprys

During our meeting with the mentor, we presented him some of our C# applications. We discussed about the “Create event”, “Balance Top-Up” and “Food and Drinks Shop” and we decided what should be changed regarding the “Food and Drinks shop” (eg: the amount and the message if the visitor does not have enough money). We also decided together to create an Identifying Employee for each C# application to keep track of employees workplace all the time and to be sure that only the admins can create an event.

Task	Implementers	Planned time	Actual time	Finished
Create event	Alina Ruxandra	7 hours	12 hours	No
Food And Drinks Application	Alina Ruxandra	7 hours	12 hours	No
Balance Top Up	Dylan	4 hours	4 hours	No
Website	Stoyan	12 hour	20 hours	No
Prepare questions for our mentor	Alina Ruxandra Stoyan Dylan	10 min	10 min	Yes
Have a meeting with the mentor				

Client Meeting

Location: R1_2.06

Date: 04/06/2019

Time: 15:00

Attendees: Stoyan Ivanov
Alina Baci
Ruxandra Antohe
Dylan Muyrers

During our second meeting with our client we discussed about our applications and our website.

Our client suggested us some changes for website and applications.

For the website, we should:

- Add also a list with present events
- For leaving a review, change the default review stars to 0
- Show a message that a visitor cannot buy a ticket without being logged in
- If it is possible, a visitor should be able to buy multiple tickets using only one email address
- The initial balance on the website should be changed to 0, and after buying a ticket it will become a negative value
- Change the name "Camping spot booking" when the visitor wants to add a person to his/her camping spot later

For the applications, we also have to do some improvements:

CREATE EVENT APP:

- Add a fixed capacity for camping spots for each event
- Auto increment the IDs
- Add suggestions for shops in add items forms

- While creating an event, the admin should be able to add the names of the products and their price, but set the quantity and distribute them later
- The balance of the visitor should be shown when he/she scans the RFID bracelet
- The connection for RFID can be opened all the time
- The admin should be able to change somehow the details for the event after creating it.

Week 16

Minutes

Location: R1_2.06

Date: 06/06/2019

Time: 12:00

Attendees: Stoyan Ivanov

Ruxandra Ioana Antohe

Alina Baci

Tutor: Andrius Kuprys

This meeting was the last meeting with our mentor, when we discussed about almost all the applications that we have so far : Enter Event, Food And Drinks Shop, Loaning Shop, Balance Top-Up, Exit Event and the Website with all functionalities: create account, buy tickets, book camping spots, see past, current and future events, add persons to a camping spot that is already booked, see overview for bookings and see the profile.

We received a positive feedback regarding everything we did so far and we discussed about the final presentation and the topics that we should have:

- Product Presentation
- Demonstration of the product
- Strong points
- Group Reflection

Right after finishing the presentation, we have 10 minutes for questions from the client and mentor.

Task	Implementers	Planned time	Actual time	Finished
Create event	Alina Ruxandra	5 hours	7 hours	Yes
Ticket Service	Alina Stoyan	5 hours	5 hours	Yes
Balance Top Up	Dylan	2 hours	2 hours	Yes
Entrance Event	Dylan	3 hours	4 hours	Yes
Camping Spot Reservation	Stoyan	3 hours	4 hours	Yes
Camping Spot Authorisation	Ruxandra	2 hours	2 hours	Yes
Loaning Shop	Alina Ruxandra	9 hours	10 hours	Yes
Food And Drinks Application	Alina Ruxandra	5 hours	7 hours	Yes

Exit Event	Ruxandra	6 hours	7 hours	Yes
Management Overview	Dylan	5 hours	5.5 hours	Yes
Website	Stoyan	15 hour	17 hours	Yes
Prepare questions for our mentor	Alina Ruxandra Stoyan Dylan	10 min	10 min	Yes
Final version of documents	Ruxandra	4 hours	3.5 hours	Yes

Mark justification

Regarding the mark that we consider that we deserve, we decided together that it should be around 8.

Besides the required functionality, our product has some extra ones which we consider that make our final product more complex and more useful. Comparing with the basic required product, using our project, an admin can create multiple events. Having the possibility of managing multiple events at the same time offers more flexibility than creating only one event. For keeping track of employees, for each app that will be used during the event, we implemented a form that identifies our employees for each event, maintaining everything under control and not enabling all the users to access the applications which are created only for employees. Due to these extra features, each event can have different employees, different products for shops and different devices for loaning.

Individual reflections

Ruxandra-Ioana Antohe

The realization of our project was without many problems because we managed to organize ourselves to deliver everything in time and according to requirements. In the first part of the project we have worked together for a long time, and this has brought us a great benefit, managing to understand exactly what we have to do weekly and how do we want to implement each part of the product. In the second phase of the project, we divided the tasks in order to finish in time and to be able to ask for feedback. We also decided to work together for some functionalities for the purpose of avoiding some difficulties. We learned a lot from each other, but most of the time we did an individual study, spending more than 15 hours a week to research and complete the project in time.

Alina Baci

During this project, we managed to accomplish our main task by working according to requirements. We learned to organize ourselves better, plan our time effectively, we improved our knowledge and skills and most of all we learned to work better in a team. We managed to solve problems by checking individual progress, asking questions and developing new ideas together.

Stoyan Ivanov

In my opinion the project went well. We planned all the needed steps for completing the project and in the end, we managed to create a functional product. All of us had to be disciplined and determined for achieving the end goal. We learned a lot from each other, and we mostly learned how to work better in a team. This gave us a feel of how real-world projects are being developed and it enhanced our skills and knowledge.

Dylan Muylers

The way of working around this project was handled very well. We had enough communication with the client as soon as he came back to the Netherlands, which made us able to adapt the final product that we envisioned, to a project that he would be

proud of owning. The group worked well together and the communication within it was always clear and to the point. The entire experience was very valuable as it teaches you how to work well with people on a project of very big size, taking a lot of time. This is something you don't get with most projects.