SCRUM Planning

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**ICT Engineering**

**Semester 2**

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# 1. SCRUM Roles

SCRUM Master: Claudiu Rediu  
Product Owner: Tudor Ciobanu

# 2. Sprint Planning

1st Sprint:

9th of April – 13th of April (4 days, 5 hours a day, 20 hours per person, 80 hours a sprint)

2nd Sprint:

16th of April – 20th of April

3rd Sprint:

23rd of April – 26th of April

4th Sprint:

30th of April – 4th of May

5th Sprint:

7th of April – 11th of May

6th Sprint:

14th of May – 18th of May

7th Sprint:

21st of May – 25th of May

8th Sprint:

28th of May – 1st of June (5 days, 7 hours, 35 hours per person, 140 hours a sprint)

9th Sprint:

4th of June – 8th of June (5 days, 7 hours, 35 hours per person, 140 hours a sprint)

# 3. Group Meetings

Group meetings will be work days that we decided on in the sprint and after each sprint as SCRUM Reviews and Retrospective. There would be approximately 80 hours of work per sprint. During the project period the working hours would be approximately 140 working hours.

Group meetings, SCRUM Reviews and Retrospective would be held at the university.

# 4. Sprint Backlogs

1st Sprint

|  |  |
| --- | --- |
| ID | Task |
| 1 | Create the MVC for the administrator part of the system |
| 2 | Create the GUI for the administrator part of the system |
| 3 | Create a database for the administrator part of the system |
| 4 | Document the implementation of the administrator part of the system |
| 5 | Create ER diagram and logical data model for the database |

Sprint Review:

Tasks were not completed at the ideal rate, the reason being that the team chose to delay the work on the project for external assignments like the Course Assignment. When the focus was brought back on this project the team has started completing the tasks at an intended pace for a sprint. By the end of the sprint every task was completed with proper documentation.

Sprint Retrospective:

WHAT WENT WELL:

-TEAMWORK

-COMMUNICATION

WHAT COULD BE IMPROVED:

-WORK PACE

-FOCUS

After the delay brought by other immediate priorities, the team has started completing the tasks intended. There is wish for the pace of the project to be faster, so the project will be completed before the deadline. The way we split tasks to each member has been satisfying and teamwork is in a good state as any issue is usually resolved, and help is offered at any difficulty encountered. Fast response time and understanding between teammates has made communication in the team helpful.

Finished Work:

The database for the system was created together with the ER diagram and logical data model.

The following feature was implemented with documentation done.

As an administrator I want to manage the flights, so that I can add, remove and manage details.

Testing was done for the model.

2nd Sprint

|  |  |
| --- | --- |
| ID | Task |
| 1 | Set up client to connect to RMI server. |
| 2 | Create the GUI for the administrator part of the system |
| 3 | Create a database for the administrator part of the system |
| 4 | Document the implementation of the administrator part of the system |
| 5 | Create ER diagram and logical data model for the database |

Sprint Review:

During this sprint, meetings was scarce and short for the most part. Although the circumstance, the intended feature for the sprint was achieved and even some that were needed for the cohesiveness. As a result, from the lack of meetings and communication, documentation was not made in a proper manner for each feature implemented.

Sprint Retrospective:

WHAT WENT WELL:

-WORK PACE

WHAT COULD BE IMPROVED:

-TEAMWORK

-COMMUNICATION

In comparison with the previous sprint, the work pace for developing of the project was better. More was achieved in less time. Although there was an improvement in the load of work did, communication and teamwork could be improved as the meetings were not often enough and documentation was not done for all the completed features. In the coming sprints, the team would strive for better communication and will shift focus on documentation as most of the features are complete.

Finished Work:

The following features are implemented but with lacking documentation:

As a customer I want to be able to book flights so that I can use the services ZAir provides.

As a customer I want to view and search flights, so that I can gain information on what I am interested it.

As a customer I want to be able to view all details regarding a flight, so I can make my decision when I am buying one.

As a customer I want to be able to get my flight history, so I can check details about my previous flights.

As a customer I want to be able to choose my seat, so I can get my desired seat in the airplane.

No test cases were made for the features yet.