**Project log**

*Date: Wednesday, 25th of November 2015*

Plans

We split the project into parts that will be implemented in the next days. We decided to create the classes for target use cases and then create the classes for supplementary use cases. For each class that we make, we will create a test to ensure that is working correctly. We are going to write project log at the end of each day and we are going to create the report when we are going to finish all the classes and be sure about what is the general idea of the program. We will try pair programming, throughout the whole implementation where each one of us will code and the other will review each line and we will switch roles frequently.

Achievements

Today, we read the handout and all the instructions provided, downloaded the file and made it ready to use. We also read the code provided and tried to understand what is doing. We wrote down all the other classes that we should create and decided to do the supplementary task of writing more use cases.

Reflection

We assumed that we would also start writing code but unfortunately it took us a lot of time to understand what the provided classes are doing. There are some issues puzzling us and we are not sure what we are going to do about them.

*Date: Thursday, 26th of November 2015*

Plans

We are planning to have a meeting every day until the deadline. Today, we are going to start writing the code and the test for each class. We are also going to compare the provided code with our previous two coursework and read the general instructions for the bike hire scheme again.

Achievements

It turned out we needed to read the provided code from the beginning because we have not yet fully understood the concept. We thought it was better to first test the provided code to see what is doing and then start writing the tests for the classes that we are going to implement, so that we can have in mind what the expected output of each class should be.

Reflection

While studying at the Informatics labs, the Internet went down and our work was lost. We could not save the java file thus we have to start all over again tomorrow.

*Date: Friday, 27th of November 2015*

Plans

We have arranged a meeting with an instructor at noon and we will hopefully clarify things that are still unclear to us. We will start coding and testing simultaneously to write most use cases by the end of the day.

Achievements

We had the tutor meeting and now we have a clear idea of what each class is doing and why it was implemented. We implemented 5 of the target use cases and new classes for them to work.

Reflection

Today was more productive than the previous days since we now have a better understanding of the task at hand. The tutor meeting was definitely helpful and was the main reason we made progress. We did not do proper testing of the use cases, which is a bit discouraging.

*Date: Saturday, 28th of November 2015*

Plans

We plan to finish the target use cases, so that we can write tests later on combining some of them. We will also implement a few more classes that go along with our design. We will start writing code for the supplementary use cases as well.

Achievements

We finished all target use cases and classes, with a few errors on system test, and we have written dummy code for all supplementary use cases.

Reflection

We spent a lot of time on the coursework and coding took the most of it. System tests were not fully functional and need more work.

*Date: Sunday, 29th of November 2015*

Plans

Today, the plan is to start writing the report and include our implementation on the target use cases and implement the supplementary use cases. We will also split our work in order to be more productive. One will be writing the report and the other will be writing the code.

Achievements

We fixed our target use cases such that all system tests run successfully. We finished almost all supplementary use cases.

Reflection

We still have work to do for the supplementary use cases to be finished and this will probably take most of our day tomorrow.

*Date: Monday, 30th of November 2015*

Plans

We are planning to finish with the implementation of the supplementary use cases, make necessary changes for the system tests to be running successfully. We will finish the report and the project log.

Achievements

We finished the Coursework and submitted it.

Reflection

The Coursework was time-consuming but we managed to implement the target use cases and the supplementary use cases. We ran system tests and are running successfully.