Progress Report

Airport Solutions

Lecturer: Thaqi,Emin E.

Team Members:
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Global Work Divison

Details of Weekly Team Work

Week 1

- Kick-off meeting. Forming the groups.

Week 2

- Meeting:
    - Data: 12/02/2019
    - Duration: 30 minutes
    - Place: Fontys common room 2 floor
    - Participants:
        - Rosen Panayotov, Kaloyan Dragiev, Yanis Dimov, Nikolay Kolev, Nikolay Nikolaev
        - Tutor - Thaqi,Emin E
- Topics discussed:
    - Arrange next week meeting with tutor
    - Start working on project plan
    - Distributing workload
    - Group logo and name
    - Choosing team leader
    - URS
    - Application (what it should do?)

- Goals reached by end of the week:
    - Initial progress report
    - Logo and name of the group
    - Constructing the table of content for the project plan.
    - URS v.1
    - Project phasing (whole duration)

Week 3

- Meeting:
    - Data: 19/02/2019
    - Duration: 30 minutes
    - Place: Fontys common room 2 floor
    - Participants:
        - Rosen Panayotov, Kaloyan Dragiev, Yanis Dimov, Nikolay Kolev, Nikolay Nikolaev
        - Tutor - Thaqi,Emin E

- Topics discussed:
    - Discussion about the project plan including Project phasing and Deliverables, NonDeliverables
    - Discussion about User Requirements Specification and more specific the requirements
    - Process Report questions about how and when to send
    - Discussion about the main ideas about the Iteration 1 plan
- Goals reached by end of the week:
    - Updated version of URS
    - Concept version of plan for iteration 1
    - Progress report work division table

Week 4

- Meeting:
    - Data: 26/02/2019
    - Duration: 30 minutes
    - Place: Fontys common room 2 floor
    - Participants:
        - Rosen Panayotov, Kaloyan Dragiev, Yanis Dimov, Nikolay Kolev, Nikolay Nikolaev
        - Tutor - Thaqi,Emin E
- Topics discussed:
    - Discussion about User Requirements Specification
    - Progress Report discussion about the format of the document
    - Iteration plan questions about the structure and design
- Goals reached by end of the week:
    - Final version of plan for iteration 1
    - Updated version of URS
    - Work division report

Week 5

- Meeting:
    - Data: 12/03/2019
    - Duration: 30 minutes
    - Place: Fontys common room 2 floor
    - Participants:
        - Rosen Panayotov, Kaloyan Dragiev, Yanis Dimov, Nikolay Kolev, Nikolay Nikolaev
        - Tutor - Thaqi,Emin E
- Topics discussed:
    - Discussion about User Requirements Specification and Use Cases
    - Questions about the prototype – how to build and when to deliver
    - Discussion about the GUI

- o Iteration plan – structure and content questions
- Goals reached by end of the week:
  - o Rework current Use Cases and add new
  - o Create prototype that represents the main idea of the application
  - o Make an example GUI

Week 6

- Meeting:
  - o Data: 26/02/2019
  - o Duration: 30 minutes
  - o Place: Fontys common room 2 floor
  - o Participants:
    - Rosen Panayotov, Kaloyan Dragiev, Yanis Dimov, Nikolay Kolev, Nikolay Nikolaev
    - Tutor - Thaqi,Emin E
- Topics discussed:
  - o Discussion about User Requirements Specification and Use Cases
  - o Discussion about the Project Plan
  - o Discussion about the current version of the application
  - o Discussion about the GUI of the application
- Goals reached by end of the week:
  - o Rework the Use Cases – add use case with a diagram representation
  - o Work on Iteration 2 Plan
  - o Rework the Project Plan

Individual reflections

Week 4

Yanis Dimov – After the meeting we had with our tutor, our team considered the feedback and appointed new tasks. Throughout this week I worked mostly on the URS. I had to make some changes in the use cases, also I had to add some after the feedback from the tutor. In addition, I think that the team did a good progress this week. We had a meeting where we disscused how should we make some parts considering the documentation and also we started thinking about the design of our application.

Rosen Panayotov – During this week I put effort in designing and collecting information for Iteration 1. I made some research on what should be done and how we should arrange and distribute our work equally. In the document, we supplied information about tests we are going to conduct and their principles. Moreover, I have not coded on WPF environment so I read about its advantages and capabilities to keep myself informed.

Kaloyan Dragiev - During this week I worked on the format of the Progress Report and the overall design of the document. Also I have made small changes to the structure of some documents.

Nikolay Nikolaev – In this week we discussed the new use cases that we were going to add. We had to carefully consider what would the use cases would be like. During that week I worked on the project plan. I think we made big progress during that week because since then we have a better plan to follow when we have more use cases taken into consideration. It was really important to think of a good design so that we may not need to go back to alter it to the grounds.

Nikolay Kolev – During this week we sorted out all the documentation and worked on the GUI for the application.

Week 5

Yanis Dimov - In this week our team started working on the application design. After the meeting with our tutor, we had a feedback to repair again some use cases and also to consider some new. That was the part where I worked most during this week. I reworked the Use Cases and I also added some new like – Change Weather Condition. In addition, this week we also started work on the GUI design of our application. We created a GUI (an airport with track, buildings, planes and carts). Also we started coding and we implemented a new functionality that enables the plane to land on the airport track.

Rosen Panayotov – After the meeting our team gathered tutor's feedback and started figuring out what is missing and what should we improve. Project plan needed some minor improvements. I added some more resources to the general overview which will give the reader a better picture what is the project about and its end-product. The design of the work division report (Progress report) was changed according to tutor's preferences.

Kaloyan Dragiev - During the week I worked on creating the GUI of the application. I have made some samples and sketches of the application on papper and then I have implemented it in WPF with the help of Photoshop making it look better.

Nikolay Nikolaev – This week we made our initial steps in coding the application. We worked on the GUI and made a map for the airplane simulation. In this stage we still have the need for class diagrams and sequence diagrams in order to organize our application hierarchy correctly. I think that our group is doing well in progress with the project so far.

Nikolay Kolev – During this week, we laid down the arrangement of the application and made progress about how it's actually going to work.

Week 6

Yanis Dimov – After receiving a feedback from our tutor, we had to repair the Project Plan and add a diagram represntation for some of the Use Cases. My task was to create this diagrams for the Use Cases. During this week our team was focussed on Iteration 2 plan and also we started working on the Design Document for our Application. On the other hand, I had another task to research about the Graphical Representation in WPF and to work on the Animations for our Application.

Rosen Panayotov – This week we were asked to supply conceptual version of Iteration 2 plan. In this interation, teachers gave the freedom to the students to choose themselves what their activities would be. We had group meeting and outlined the most important objectives that should be covered concerning the application. In the document itself, I supplied information of what statistics the app would have and what kind of interactions will be possible with the user. In addition, I carried out research on how the app should be constructed and I have a better view of how things work in WPF environment.

Kaloyan Dragiev - During this week I worked on researching about the technology WPF and howto create and make animations in it using objects and images and working with thier properties.I have made some simple animation with the project by making the planes move and land on canvas.

Nikolay Nikolaev - During this week I tried to make a draft of the future application hierarchy and objects and fixed some of the ground problems we were facing with running the application. Next week when our group will discuss on the application classes and the hierarchy as a whole and then we will finish the class diagrams and the sequence diagrams once we have agreed on a conception.

Nikolay Kolev – Started researching and animating the application. I wrote some methods about the animation, and realized that they might not be feasible for our application.

Individual reflections

Week	Yanis Dimov	Kaloyan Dragiev	Rosen Panayotov	Nikolay Nikolaev	Nikolay Kolev
1	The main task here was to determine the topic of our application. We came to a team decision after thoroughly considering our choices. After that, we planned a meeting in which we would discuss some ideas and spread the tasks for week 1 deliverables.	Our team needed to decided the main topic for the project simulation and have a little bit of a discussion about what exactly we want to build and which technologies to use	In the kick-off phase, our team had to decide first about the app's idea and brainstorm what should be done.	We had to choose a project topic to start and to decide on the main idea of the application and what to do.	The team had to agree on an idea and work out the logo and name for the project.

| 2 | After having a meeting with our tutor where we discussed our app idea, our team had a meeting where we split up the tasks for the incoming week. I was responsible for the URS document and Agenda for the next meeting. I think in this week our team put a good amount of effort and we delivered everything on time. On the other hand, I think that there was some lack of communication between some of the team members, but I think this will fade away after the initial phase of the project. | In this week, we really understood the whole situation and how the project can be done. I was responsible mainly with finishing the Project Plan and aligning it with a proper design, style and structure. | Week 2 I mainly focused on the Progress Report and Phasing part of the project Plan. Our mentor insisted on having the Project plan ready. After the meeting some minor changes were conducted in order to satisfy mentor's criteria. | We decided what will be the main features of our application. We were considering what graphical library to use for the drawing in the application. | We discussed the visualization methods and libraries and what our application would contain |
| 3 | In this week, I think our team came into rhythm. After the meeting with our tutor, we carefully considered what we should edit in our deliverables. The team considered the feedback from the teacher good and everyone started working on a certain task.
In this week, I was responsible for creating the Use Cases, Use case Diagram and the agenda for the meeting. In this week we really started working as a team, therefore the communication improved. | In week 3 we really had a good conversation with each other about some more specific topics about the project and its functionality. I was responsible for finishing the User Requirements Specifications (URS) plus helping for creating the Use case Diagram and brainstorming about the upcoming week tasks. | This week we start with the initial phase. I focused on the plan for iteration 1. There are included introduction, scope of the plan and the whole structure of how should go the first iteration of the plan. Next week we will have better view what should be done | During this week I worked on the iteration 1 plan, made a revision of the iteration plan and added more details. | This week I researched whether WPF or windows forms are more suitable for our project visualization style. And helped for the iteration plan. |

		after meeting with our tutor.
4		Worked on animating the images, more specifically Rotation.

Mark Justification

Our group assesses the work done as mark around 7 or 8. Main reason for this is that at the beginning of the course we did not put much effort into the project but later we managed to catch up with the workflow. Although, I can say that we started working harder and we arrange weekly group meetings to exchange ideas for the project and not to fall behind with the work. In addition, I can add that the communication between the members is at excellent point. We stick to the course schedule and deliver all the document in time. Nevertheless, even having our documentation sent approved there could be some improvements that could be done.