**Team Assessment**

**GitHub Group Name: Group-16-ScheduleForMe**

**Members:** Ahmet, Michael, Disha

# Team Approach

**Question 1: How well do the team members understand the problem?**

We had several team meetings that each addressed specific problems on the website for example, the purpose of the project, the product vision, the scope of the project and product assumptions and constraints. All team members attended and communicated with each other and transferred information between each other and every team member shared their strongest and weakest points so everyone could focus on the tasks that they were strong at.

**Question 2: How are the project tasks achieved?**

In each group meeting we have splitted the workload into smaller pieces and every team member was responsible for the part of the task. Each team member came up with a couple of requirements and all the requirements were listed and then voted based on some criterias such as how easy it is to implement and duplicate ones had been discarded. User story had been successfully parsed properly and nouns successfully extracted in the group meeting. Each team member worked on different classes to finish the class diagram. Sequence and State diagrams were constructed together, each group member was communicating with each other to prevent overlaps and duplicates.

**Question 3: How did the team approach solving a problem?**

Our group had solved the problem by brainstorming to come up with user stories, each user story had been picked up carefully, discarded any possible duplicates and used in the future process of the project. Requirements were generated by sorting all the use stories by their priority, then high priorities ones focused. Later our team created use cases for each acquired requirements. After we have much more visible points we start to work on class and sequence diagrams.

**Question 4: What approach was taken to solve the problem?**

Our team used some of the methods that we have discussed in the class for example Divide and Conquer (DaC), Separation of Concerns (SoP). Object Oriented Principle (OOP). For the Divide and Conquer, we tried to split our work as much as possible since it is easier to work on small pieces of the problem. We also used this technique on class diagrams. Each attribute and function of the class has been divided into easier parts and merged into the same class to create the class easily. For the Separation of concerns each class has been examined and tried to make them smaller until they were handling only one task. Finally we used the OOP approach to prevent using duplicate code and we could reuse our code as much as we want in the future development of the project.

**Overall Comments on team approach:**

All the team members attended all the designated group meetings. Every team member showed clear understanding of the project. Everybody was open to communication and helped each other whenever they were stuck. Lastly we tried to use all the methods and techniques that we learned in the class as much as possible.

## Team Coordination of Task Responsibilities

**Question 1: How actively did team members take in interest and supported in terms of individual member responsibilities?**

When all group members first met each other, it was engaging and collaborative because we all respected each other's ideas as to what the project would be like. Also, the idea that we focused on doing the final project was interesting and that it could be incorporated with different industries that we would be working by the time we obtain our bachelor's degree. In terms of workload amongst members, we frequently communicate by using online chats when labs are due or just finishing a component in the final project. The group was onboard and had full commitment into finishing the tasks that were required from amongst ourselves.

**Question 2: How well did the completion of tasks require active interchanges and sharing of information among members?**

The completion of the tasks that were required from us was productive and collaborative for many reasons. There were a variety of tools that were used to interchange and share information quite easily. First, we used Google Docs to share documents so that everyone with an assigned task can just type on Google docs. This way, this saves us a

significant amount of time instead of using other word processors. Another tool that was quite helpful was Lucidchart which allowed us to create diagrams such as use case diagram, sequence diagram, architectural flow design, and so on. Lastly, we use online chats such as Skype to communicate with each other and send completed components of the course project.

**Question 3: How well did the assignment of tasks to individuals match their expertise?**

The assignment of the tasks to individuals matched their expertise in a way that our group had a good chance of the project. One of our partners, Ahmet Karapinar is highly sophisticated in adding coding portions to the project and has a clear understanding of the topics presented to him which helped a lot when constructing the course project. Another colleague in the group, Disha Panday, a third year Software Engineering Student made a strong contribution to the group since she has some interesting ideas to share in the group. Also, Disha is the reason why we chose to expand on her project from her second year of studies because the project that she did with her group in Web Programming did a great job and the professor, Dr. Anwar Abdalbari was impressed with it. Lastly, I myself, Michael Metry had clear understandings of the concepts and made sure that everyone (including myself) was organized in terms of timings of the deliverables of the project.

**Question 4: How well did the team coordinate individual task assignments?**

The team would just use some sort of online communication to hold meetings to discuss what was finished and what was required of us to do for the project. During the meetings, we first read what the problem is stated, and we try to divide up the workload so that the group has contributed to the project. Also, we attempt our best to help our colleague members with tiny portions of the project so that the components can be delivered punctually. Overall, everyone was satisfied with their parts that were distributed amongst ourselves.

**Overall Comments on team coordination of task responsibilities:** The team was committed and all tasks were completed in a timely manner. Everyone pitched in and the project was successful