**Team D - Sigma - Department course scheduling assistant- Nikhil Kumar Vemula**

**Client :** Dr. Michael Oudshoorn

Team member­­­­s and their key roles and responsibilities:

S.No.     Names                                  Roles

1              Sravya kandepu   -           a. Primary contact

                                                            b.Communications and documentation management

2              Nitheesha Kotagiri  -         Quality and testing management

3              Nikhil Kumar vemula     -       Data management

4              Harika malempati -           Issues management

5              Sanket selokar -               Requirements management

6              Saikiran gandam -            Client management

**Responsibilities:**

Nitheesha responsibilities:  She is taking the responsibility to maintaining quality throughout the software developing life cycle to deliver effective output. To achieve the qualitative deliverables testing plays an important role. I will take the responsibilities to test project in each module.

Sravya responsibilities: She is going to act as a primary contact with clients. I will represent the whole team and communicates with client regarding project requirements, progression, changes and completion.

She is also taking the responsibility of communication and documentation management and it includes updating all changes and tracking project progression in different versions.

Harika responsibilities: She is would be responsible to track all the issues in the project duration which may relate to internal staff or may be technical side and solve them upfront in order make the project go smooth.

Sanket responsibilities: She is would gather requirements from client and handle the changes in requirements as per the progress of project. My task would be analyzing, tracking and prioritizing the requirements.

Nikhil responsibilities: I will take care of the collecting, storing and managing data in database and connecting data with front end system to update data which is entered by client. I would be responsible for managing data for our project. Including database connectivity, database designing, data mining etc.

Sai Kiran responsibilities: He is take the responsibility of meeting, getting requirements from client and also giving updates to the client.

**Weekly Iteration Plan:**

**Name:** Nikhil Kumar Vemula.

**Team:** D - Sigma

**Date:** 02/12/2017.

**Work Accomplished last week:**

Last week I was worked on the user interface of the administrator pages such as scheduler page where the admin will schedule the class for the professor. Admin will provide the input such as a drop down list to select campus, department, course, faculty name respectively. And text field where the admin provides a number to identify how many days the faculty will teach the subject in a week. And a calendar form where the admin will select the days of teaching and timing and followed by a drop down to select the class room for the class. A button to submit all the actions performed in this page.

**Time contributed (last week):**

I worked for 14 hours in last week.

**Planned work this week:**

**This week I’m planning to work on the validations of the administrator scheduler user interface. It contains the admin scheduler which is core functionality of the project where the admin will assign a schedule for the professor.**

**Schedule page where the admin registers a faculty to a course. Here the input provided by the admin are campus of the university where all the campus of the university should be available, only the departments which are available under that campus should display, course’s which are related to that department should only displayed and should display faculty only the names of the faculty who teaches that subject through a drop down menu. Number of days the faculty need to teach and should only accept a number and by this inputs the faculty calendar will be displayed where we can find the free time of the faculty and admin fix the schedule. Now the admin will search the room which suits for the course type and time. Finally set schedule leads to store the input to the database.**

**Time estimate:**

As per my understanding, for completion of this task, it will take 15 hours.

**Links:**

**Github link:** https://github.com/Team6Sigma/team6sigma

**Google Drive link:** https://drive.google.com/drive/folders/0B089l19eDWGiaDdLN21XdVNvZW8?usp=sharing