

# **TEAM 10: Sprint 1 Planning Document**

## **PROJECT NAME: ScheduMate**

**Project Coordinator: Adam D Rice**

NIKHIL MEHTA

AISHWARYA AJAY

CHRISTOPHER HSIEH

ARITRA SAMANTA

**1. USER STORY:** As a student/user, I can add, remove, or change the time intervals of reminders.

**1.1 TASK:** To build a class that can help the user add classes/homeworks/events to his/her schedule and access it later on. The class built will be a superclass with a one-to-many relationship. This is so the user is connected to other features in the app.

**MEMBER ASSIGNED:** ARITRA SAMANTA

**TIME ALLOTTED:** 15 hours

**1.2 TASK:** To implement a database class that will help the user enter the classes and save the schedule onto the phone itself. The database class will be a helper class that has predefined queries relevant to adding any event to the schedule.

**MEMBER ASSIGNED:** NIKHIL MEHTA

**TIME ALLOTTED:** 15 hours

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**2. USER STORY:** As a student/user, I can receive alerts about upcoming classes and view a map to it, it will also provide a path to reach the building.

**2.1 TASK:** To start a connection to the internet so that the student can view maps and the routes to his classes. In order to start the Map, a connection is needed to the internet and hence, a class called CheckConnectivity is created first which will act as a helper class so that the user is connected to the internet. If not, then a prompt message will be displayed asking for connection and then maps will be initialized accordingly.

**MEMBER ASSIGNED:** ARITRA SAMANTA

**TIME ALLOTTED:** 10 hours

**2.2 TASK:** Create a class that will initiate a reminder for each event on the schedule so that the user is alerted every time a class/event is coming up. A Reminder Class will be created which will initialize alarms, and alerts the user about his/her class/event up to one hour before it begins.

**MEMBER ASSIGNED:** CHRISTOPHER HSIEH

**TIME ALLOTTED:** 15 hours

**3. USER STORY:** As a student/user, I can view exam information after entering it.

**3.1 Task:** To display the schedule in a user friendly format at any point of time with the events in the schedule. A class will be created that will call the student class and the layout will be done using Android XML.

**MEMBER ASSIGNED:** NIKHIL MEHTA

**TIME ALLOTTED:** 10 hours

**3.2 Task:** To develop code that will use the database class, and retrieve details about the student's exams. This will be a personalized timetable for the particular user's schedule. This class will be created so that the UI layout can display the data by creating a variable of the class in the UI layout and calling the retrieved data.

**MEMBER ASSIGNED:** AISHWARYA AJAY

**TIME ALLOTTED:** 10 hours

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**4. USER STORY:** As a student/user, I will be able to submit feedback to allow developers to fix/improve upon the application.

**4.1 Task:** To develop a class that will take in user input and ensure the text is valid. Once verified the input is valid we will allow the input to be submitted. This class will then email the input/feedback to our team.

**MEMBER ASSIGNED:** CHRISTOPHER HSIEH

**TIME ALLOTTED:** 10 hours

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**5. USER STORY:** As a student/user, I would like to sign in to Google+ and add my schedule online.

**5.1 Task:** Create a class that allows the user to sign-in into Google+. The class will let the user sign into their Google accounts and let them add their schedule in plaintext format (for the time being).

**MEMBER ASSIGNED:** AISHWARYA AJAY

**TIME ALLOTTED:** 15 hours