Group Name: Half Moon Studio

Project Idea: Study Scheduling App - PrioritU

Scrum Team:

- Dominic Smart 816007605 (Scrum Master)

- Shereece Victor 816001671 (Product Owner)

- Jerrel Williams 816009134

- Selah Lewis 816012230

Sprint Duration: 1 week

Project Description:

PrioritU is a scheduling app designed for students. It aims to fill in the gap left by other scheduling apps, like My Study Life, by providing detailed tracking and prioritising features.

A main new feature being developed is the ability to set assignment or homework due times in addition to dates allowing them to be viewed on the calendar along with classes and exams. The app will also provide notifications based on how soon a task is due and colour code tasks based on how urgently they should be completed.

Existing technologies which can be utilised:

- Google Calendar API<https://developers.google.com/calendar/quickstart/java>

- Google sign in API<https://developers.google.com/identity/sign-in/web/sign-in>

Functional Requirements:

|  |  |
| --- | --- |
| Requirement ID | Requirement Description |
| FR001 | The system will allow users to enter course details, such as names, date/time, room, lecturer. |
| FR002 | The system will display courses on a calendar in appropriate corresponding time slots |
| FR003 | The system will allow users to enter assignment details, such as course, names, due dates, content. |
| FR004 | The system will display assignments on a calendar in appropriate corresponding time slots |
| FR005 | The system will use a colour-coded system to keep track of assignment priority according to due dates \* |
| FR006 | The system will prioritise assignments based on due dates |
| FR007 | The system will periodically remind user of assignment deadlines . |
| FR008 | The system will allow users to enter examination details, such as course code/name, date/time |
| FR009 | The system will display examinations on a calendar in appropriate corresponding time slots |

Non-functional Requirements:

|  |  |
| --- | --- |
| Requirement ID | Requirement Description |
| NF001 | The system should be available offline to users |
| NF002 | The system should allow users to sign in with their Google account |
| NF003 | The system should be able to utilise the Google calendar API |
| NF004 | The system interface should be simplistic yet aesthetically pleasing |
| NF005 | The system should provide a smooth and easy to use experience to first-time users |
| NF006 | The system should allow users to share their schedules with persons outside of the app |

User Stories:

As a student, I want to keep track of assignment deadlines so that I can submit them on time.

As a student, I want to easily know when my exams are so that I don’t miss any of them.

As a student, I tend to get overwhelmed by the many tasks I have to do, so an app to help me organise would be nice.

As a student, I would like to be able to visualise my time to be able to manage it better.

As a student, I need to be reminded of upcoming deadlines as I am busy and I tend to forget them.

As a social being, I would like to be able to share my schedule with friends to be able to schedule activities together.

Meeting Record

Meeting 1 - Wednesday 2nd October, 2019 10:30 am

Present:

- Dominic Smart

- Jerrel Williams

Absent:

- Shereece Victor (via Whatsapp)

- Selah Lewis

Content:

- Dominic was chosen as the scrum master

- It was decided that the application being development be done in a Windows desktop environment

- Ideas were pitched for the project

- The ideas calculator, gpa calculator, and scheduling app were brought up

- The scheduling app was chosen as the project

- The main or most unique feature of the app would be that it allows users to put time deadlines for assignments instead of just due dates.

- The app also assists users in prioritising due tasks and events