|  |  |  |  |
| --- | --- | --- | --- |
| Features | User story | Acceptance Criteria | Units |
| Project Sorting | As a student I want to sort my projects based on percentage or due date so that I can prioritize which project to do given a certain constraint. | Given I am thinking about which project to start first/continue first when I open Student Hub and click on Projects and sort it with whatever means there are then application will sort my projects based on what metric I chose. | 1 units |
| GPA Calculator | As a student, I want to calculate my estimated GPA so that I know what GPA to expect | Given I have put in all my grades, with their respective weight when I open student Hub and click on GPA calculator then the application will calculate what GPA to expect with my current result | 1 units |
| Project Counter | As a student, I want to know how many projects I still have so that I have an idea of how much workload I have | Given I am about to start working on a project or continuing working on a project when I open student Hub and click on Projects, it should be in the top left corner then the application will show how many projects I have left to do. | 1 units |
| Sign Up Sign In | As a student, I want to sign up for an account and Sign In to my account so that I can have contents that are related to my account only available to me. | Given I put in the appropriate user details, when I first open StudentHub, then the application will show up with the option to sign up or sign in. | 1 units |

|  |  |  |  |
| --- | --- | --- | --- |
| Features | User Story | Acceptance Criteria | Units |
| Budget page | As a Student, I want to be able to set up a budget for a specific time stamp so that I can manage my money and understand how much I can spend. | **Given** that I went to the finance page.  **When** I write my budget with the timestamp.  **Then** the page should save my budget with the time stamp. | 2 units |
| Daily/weekly spendings | As a Student, I want a page where I can write how much money I have spent so that I can compare it with my budget and keep track of my spending. | **Given** that I have a budget.  **When** I write down how much I have spent in a day or a week.  **Then** the page should save my spendings where I can compare them with my budget. | 2 units |
| Money spent tracker | As a Student, I want a tracker that notifies me if I went over budget so that I do not accidentally overspend and go into debt. | **Given** that I wrote my budget. **When** I put in my spendings.  **Then** the app should notify me if I overspent or not. | 3 units |
| Budget highlight | As a User, I want to be able quickly and easily check if I went over or under budget so that I do not waste time looking for the number. | **Given** that I put in my budget and spendings.  **When** I check if I overspent or not.  **Then** the spendings tracker should be easily and conveniently found. | 1 unit |
| Money spent calculator | As a User, I want to accurately know how much money I can spend in a certain time stamp so that I do not waste time calculating the amount I can spend. | **Given** that I put in my budget.  **When** I check how much I can spend.  **Then** the app should calculate how much money I can spend. | 3 units |
| Assignment tracker | As a Student, I want to be able to track my assignments so that I can see how far I am into the assignment and manage my time accordingly. | **Given** that I am tracking my assignment.  **When** I check the assignment tracker.  **Then** the app should track and show me the progress in my assignment. | 4 units |
| Show GPA graph | As a student, I want a GPA graph so that I can see my progress and regress. | Given that I have created a GPA graph. When I input GPA. Then it creates a line graph of the specific unit as well as an overall GPA. | 2 units |
| GPA calculator | As a student, I want to calculate my GPA so that I know how much more percentage do I need to pass the unit | Given that I have created a GPA calculator  when I type the percentage of an assessment and the grade I got, then it calculates both the percentage you got from the assessment and the percentage out of whole assessments. | 2 units |
| Can upload assessment files for the future usage (resume) | As a student, I want to upload my assessment files with the unit tutor's email address so that I can prove when I make resume and portfolio. | Given that I have allowed users to upload files, when I upload a file, 2 prompts pops up then you can type your tutor's name and email address | 3 units |
| A diary for writing down emotions, improvements, self analysis, aspiration, etc… | As a student, I want a logging page like a diary so that I can motivate myself by logging my daily accomplishment and emotion. | Given that I have made a diary page when I click on a diary icon button, then a diary page should pop up. | 1 unit |
| Planner (edit them selves) >> daily, weekly, monthly, … could be timetable or finance planner | As a student, I want a daily, weekly, and monthly planner so that I can prioritize assessments and study efficiently. | Given that I have made a planner page for each day, week, and month when I click on each table then I can add or edit the table and colour them. | 2 units |
| A memo for each assignment on the planner | As a student, I want to write a simple memo right next to an assignment on the planner so that I can add extra information. | Given that I have created a memo icon next in the planner, when you add a plan in the planner, then you can add extra information right next to it. | 2 units |
| Feature | User story | Acceptance Criteria | Units |
| Sleep tracker | As a student, I want to record the hours of my sleep so that I can identify and analyse my sleep patterns over time | Given I am about to go to sleep when I open Student Hub and start the sleep timer then the application will record the hours I slept. | 1 |
| Sleep tracker | As a student, I want to review my sleep patterns so that I can modify my sleep schedule for better health | Given I have already recorded my sleep hours for at least a week when I open student Hub and click on sleep summary then the application will display a graphical representation of my sleep | 2 |
| Mental Health experts contacts | As a student, I want to have contacts of professional mental health experts so that I can discuss my mental health issues and receive guidance. | Given I am in a stressful situation when I contact the mental health experts via Student Hub then the experts will provide guidance on how to manage stress effectively | 1 |
| Assignment status | As a student, I want to put a status on my assignments so that I can see which assignments are finished, delayed or urgent. | Given I listed out the given assignments when I open the assignment lists on Student Hub then the assignment status will be marked accordingly | 1 |
| Assignment tracker | As a student, I want to view how much I have progressed in my assignments so that I can prioritise or delay an assignment. | Given I have recorded the progress made before exiting assignment when I open the assignment list on Student Hub then a progress bar with percentages will display next to each assignment | 8 |

|  |  |  |  |
| --- | --- | --- | --- |
| Feature | User story | Acceptance Criteria | Unit |
| Adding a new task to the list | As a student, I want to be able to add and delete tasks from the list of tasks, so I am able to know which tasks have been finished and which tasks need to be done | Given that I have a task do add when I press the add button then the new task will be added to the list. | 1 unit |
| Editing a task in the list | As a student, I want to be able to edit a list of tasks do to for the day and week so I can organise my tasks and complete them in time | Given that I have tasks added to a list when I select the add button then the task should be added | 2 unit |
| Assigning priority level to tasks | As a student, I want to be able to assign priority level and deadlines/due dates to the tasks so I able to which tasks requires priority | Given that I have a task selected when I select of one the fields, urgent, high priority, neutral, low priority on the drop down menu next to the goal with then the task will be updated with the priority level | 1 unit |
| Filtering tasks by category | As a student, I want filter the tasks by category (e.g. priority, date, etc…) so I can easily find the tasks that I need to do. | Given that I have a list of tasks I press on the search by title and select one of the sorting fields, upload date, due date and priority then the list of relevant result will appear on the screen | 2 unit |
| Creating a personal and academic/career goal list | As a student, I want to able to add a short-term and long term personal and academic goals to a list so I can stay motivated and organised | Given that I have a goal to add when I press the add button then the goal would be added to the list | 1 unit |
| Writing journal entries | As a student, I want to be able to write down my thoughts reflections, or daily experiences in journal entry, so I can keep track of my personal growth | Given that I have an journal entry to record when I press the new button then a new text field will appear to input my entry | 2 unit |
| Adding videos and images (media) to journal entry | As a student, I want to be able to add images, videos, or audio recordings to my journal entries to better capture my experiences and emotion | Given that I have a media to upload to the existing journal entry when I press upload button then the media file is uploaded | 2 unit |
| Timetable for listing important events like tasks or due dates | As a user, I want to view my tasks for the upcoming week in a list or calendar view, so that I can plan my study time and manage my workload efficiently. | Given that I have a list of tasks when I click on the view timetable/calendar button then a screen showing the calendar will appear. | 2 unit |
| Organising notes by cetgoriy and subject | As a user, I want to be able organize my notes by subject or course or categories (date, etc…) so that I can easily find and review them when needed | Given that I have notes when I search or select the drop down menu and select one of fields then I am able to view the relevant notes that I have created | 2 unit |
| Writing/adding a new note | As a university student, I want write down notes on my subjects conveniently and easily, so that I can organize my study materials effectively | Given that I have materials to write when I select the new button then I can start writing notes on my screen | 2 units |

31 user stories

|  |  |  |  |
| --- | --- | --- | --- |
| Feature | Responsible | Completed | Units |
| Sign up and register | Steven | In progress | 1 |
| Journal Entry | Tarek | In progress | 3 |
| Project list | Ryan | In progress | 3 |
| GPA calculator | Lucas | In progress | 1 |
| Budgeting calculator | Tarek | In progress | 2 |
| Timetable/calendar | Jun | In progress | 2 |
| Goal list | Jun | In progress | 2 |
| Basic UI | Everyone | In progress | 3 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sprint 2** | | | | |
| **Task** | **Responsible** | **Priority** | **Completed** | **Units** |
| Sign in fmxl page UI | Steven | High | Finished | 1 |
| Sign in page controller | Steven | High | Finished | 2 |
| Database connectivity to sqlite | Lucas | High | Finished | 1 |
| User data model, user data DAO, and DAO Interface (For registering and logging user data to the database) | Jun | High | Finished | 2 |
| Register fmxl page UI | Tarek | High | Finished | 1 |
| Register page controller | Jun | High | Finished | 2 |
| Main Navigation bar for navigating user to different pages | Ryan | Medium | Finished | 2 |
| Navigation bar controller | Na | Medium | Finished | 4 |
| User data Mock DAO for unit testing and unit testing code | Na | Low | Finished | 1 |
| Unit testing | Na |  | Finished |  |
| **Sprint 3** | | | | |
| Register page controller | Tarek | High | Finished | 5 |
| Journal (fxml page, controller, Dao if needed, or model, unit testing) | steven | High | Finished | 5 |
| Project (fxml page, controller, Dao if needed, unit testing) | Jun | High | Finished | 5 |
| Goal (fxml page, controller, Dao if needed, unit testing) | Lucas | High | Finished | 5 |
| Budgeting (fxml page, controller, Dao if needed, unit testing) | Tarek | High | Finished | 5 |
| GPA (fxml page, controller, Dao if needed, unit testing) | Ryan | High | Finished | 5 |
| Navigation bar controller | Jun | High | Finished | 5 |
| **Sprint 4** | | | | |
| Experts Help page (Including fxml file, controller and DAO if necessary) | Steven | High | In progress | 5 |
| Profile Page (Including fxml file, controller and DAO if necessary) | Jun | High | In progress | 5 |
| Refactoring | Lucas | High | In progress | 4 |
| Commenting and Java Docs | Ryan | High | In progress | 3 |
| Contiguous integration | Tarek | High | In progress | 5 |
| Finishing touches for unit testing | Jun | Medium | In progress | 3 |

**Manage a software development project using an agile approach**

Evidence of learning includes (not limited to):   
- high quality agile artefacts (e,g, user stories, sprint plans)  
- effective us of PM tools (e.g. Trello)  
- effective use of CI/CD tools