**Requirement’s Document**

**[ Sprint 1 - Initial ]**

**Story 1 [ Deadline - 10/24/22 ]:**

**[ Epic Requirements ]**

* As a student, I want to record my time usage so that I can keep track of

time usage.

**[ Detailed Requirements ]**

* As a user, I want to type “today 09:30 10:30 ‘studied Java’ :STUDY”

(DATE FROM TO TASK TAG format) as an input to the application

so I can make a database record and store it in the database. I can specify the date using the 2022/09/23 form and add AM or PM to the FROM or TO

* **Input Format**: <Day> <Start Time> <Send Time> <Activity>
* **Date and Time Format:** Year/Month/Day and use AM/PM
* **Function:** Save data <Day> <Start Time> <Send Time> <Activity> to the database

**Story 2 [ Deadline - 10/28/22 ]:**

**[ Epic Requirements ]**

* Also, I need to query my time usage from the database.

**[ Detailed Requirements ]**

* I can use DATE, TASK, and TAG for the query. For example, I can type “query today” to get all of my activities today; “query ‘Java’ ” to get all the Java-related activities; and “query :STUDY” to get all the activities with the tag :STUDY.
* **Query Format:** query <Date, Task, or Tag>
* **Function:** Search for everything in the data base with that Date, Task, or Tag

**[ Sprint 2 - Redesign ]**

**Story 3 [ Deadline - 11/1/22 ]:**

**[ Epic Requirements ]**

* I want to make a report of my time usage.

**[ Detailed Requirements ]**

* For example, with the input report 2021/01/01 2022/01/01, I like to see all the activities I did from 2021/01/01 to 2022/01/01.
* **Date and Time Format:** <Start Date> < End Date>
* **Function:** Return everything between dates

**Story 4 [ Deadline - 11/4/22 ]:**

**[ Epic Requirements ]**

* I’d like to know what activities I spend most of my time.

**[ Detailed Requirements ]**

* For example, the priority command gives me the list of activities I spend most of my time on.
* **Format:** priority
* **Function:** returns all activities that have the most time spent on them