



SOFTWARE REQUIREMENT SPECIFICATIONS

Project Topic: Time Management

Submitted by

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1. Introduction

“Time management” is the process of organizing and planning how to divide your time between specific activities. Good time management enables you to work smarter – not harder – so that you get more done in less time, even when time is tight and pressures are high. Failing to manage your time, damages your effectiveness and causes stress.

Therefore to avoid such problems Time management app is going to play a vital role as time management app will help anyone to manage time by giving notification when the task needs to be done at that particular time.

a. Purpose:

- The main purpose of this app is to make sure that students don't have problem while managing the time for their daily task.
- To stop procrastination and to have a systematic time for all the task.

b. Scope:

System scope:

The time management app will also keep the timetable record for a particular student.

Time management app is an offline app.

The features in the time management app are:

1. Day view: Day view will have the list of all the task that should be completed within the particular day.
2. Week view: The list of task that should be completed within the particular week will fall under week view.
3. The time management app will remind you about your task you have update in the app when it's time to do the task.

User Scope : The scope of Time management app is within GCIT.

2. Requirements

a. Functional Requirements

Time Management APP consists of two features namely:

- 1) **Dayview** : Day view will have the list of all the task that should be completed within the particular day. Task can be created, edited and deleted by the user.
- 2) **Week view**: The list of task that should be completed within the particular week will fall under week view. Task can be created, edited and deleted by the user.

b. Non-functional requirements

- **Usability**
The mobile application will have a user friendly interface such that the user will be familiar with the UI of the app in short duration with system very interactive.
- **Availability**
The app is available to users anytime, anywhere and it is also offline which means that no need of internet connection therefore the user just need an Android phones.
- **Reliability**
As the task updated in the app will be updated with the time, the user will be notified to do the particular work at the particular time.

c. Software Requirements

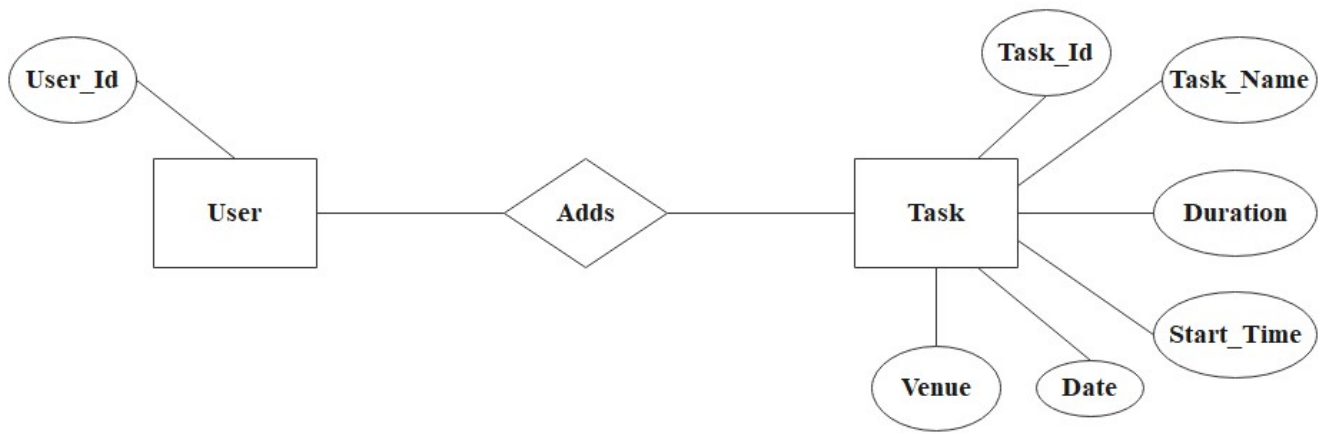
i. The software used and its version

Software	Specification
Java Version	Java standard Edition Development Kit(JDK) 8
Operating System	Microsoft Window 10(64-bits)
Android SDK	Android Studio SDK version 16
Database	SQLite version 3.35.3

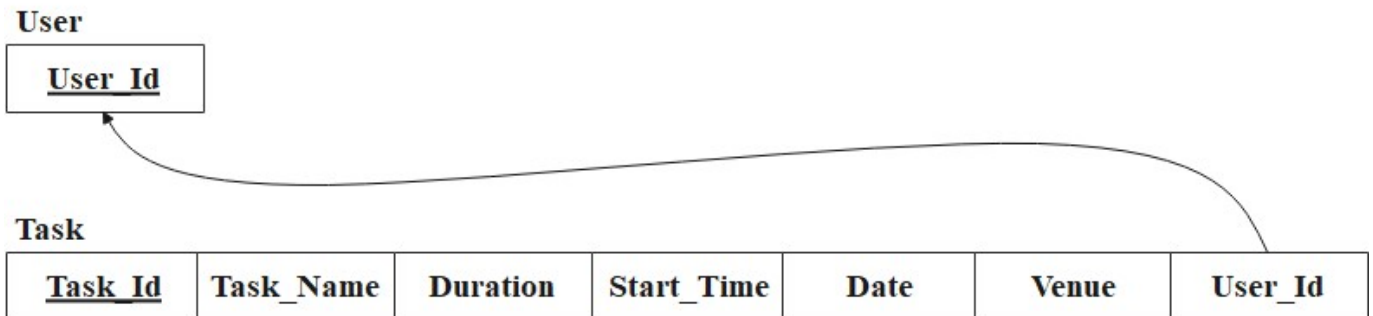
1. Hardware requirements

Hardware	Specification
Disk Space	400mb
Screen Resolution	1280x800 pixels
RAM	4-8GB RAM

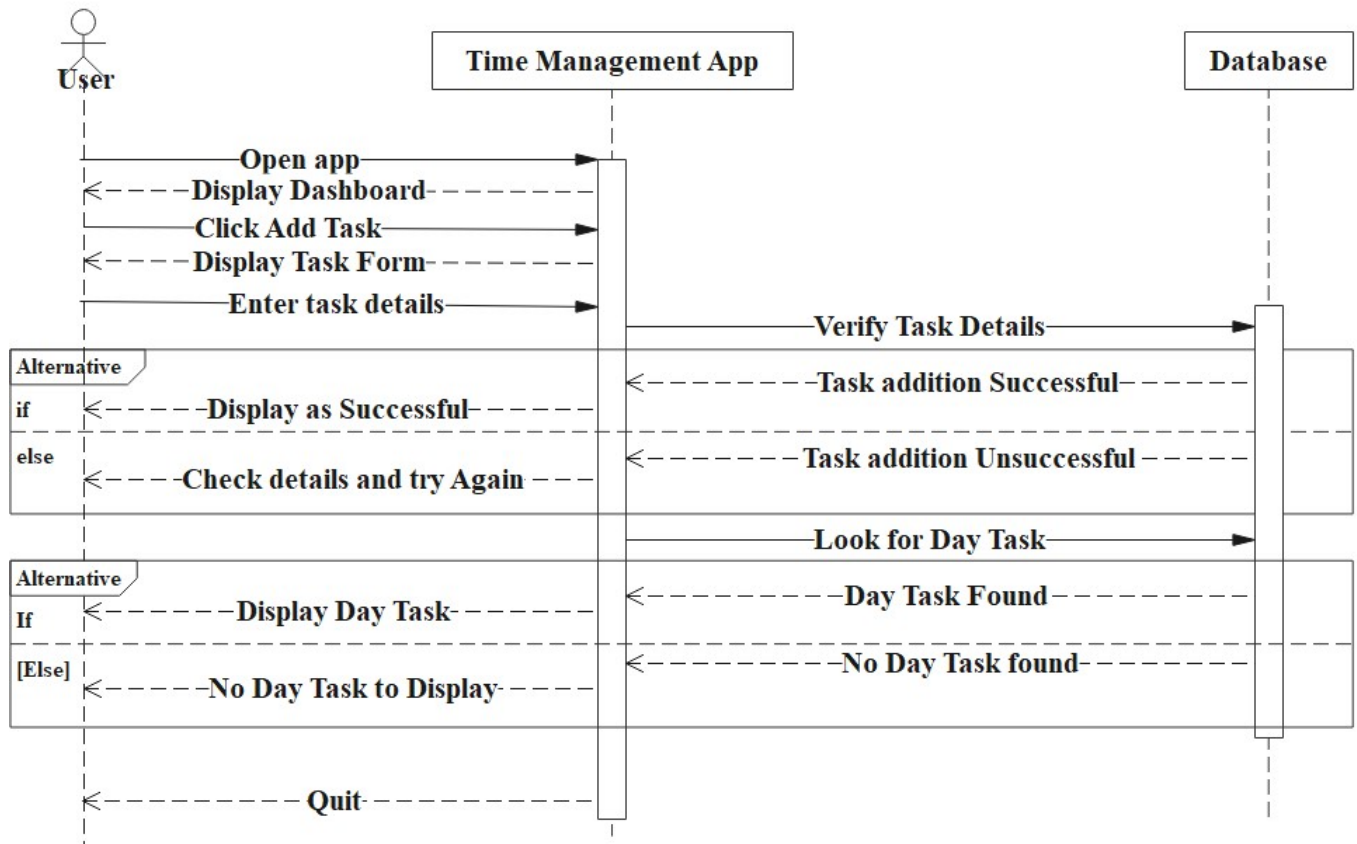
Entity Relationship Diagram



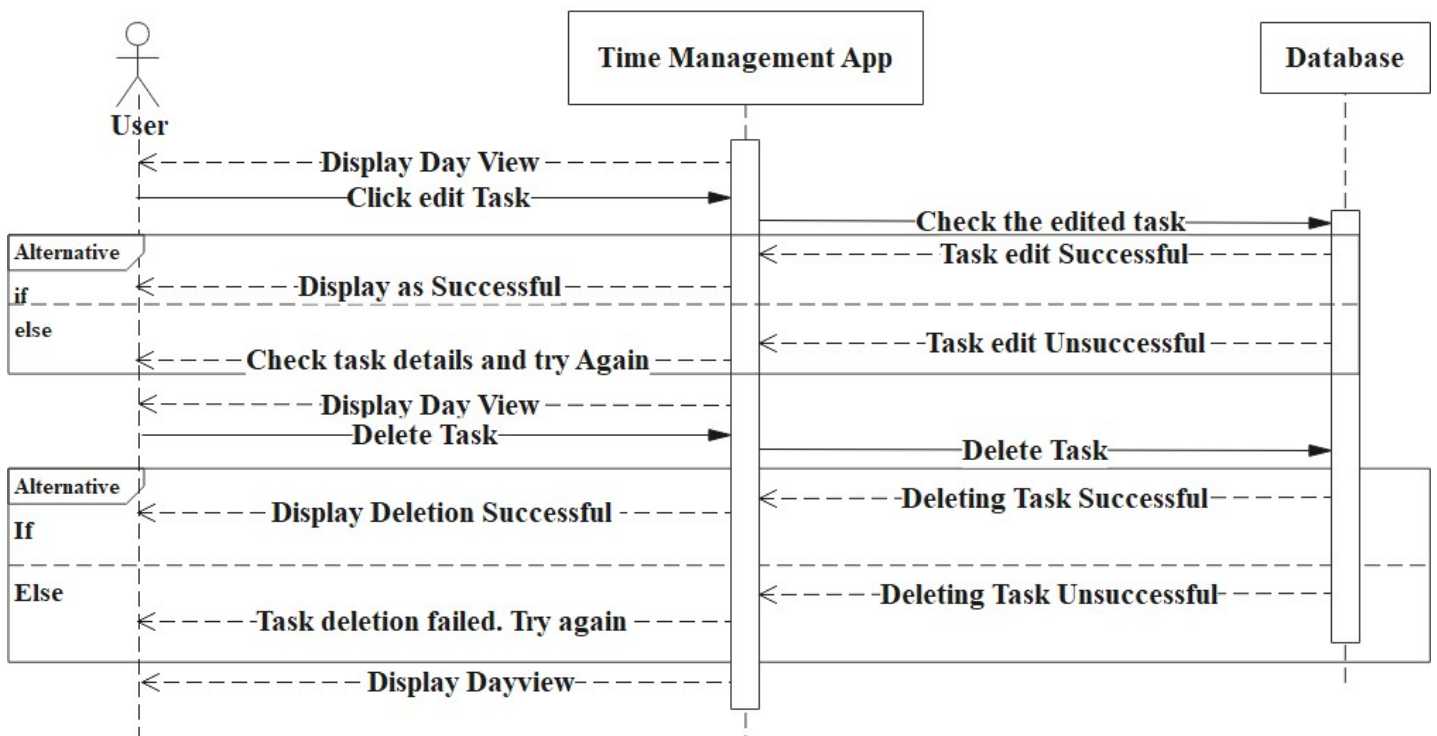
Relational Schema



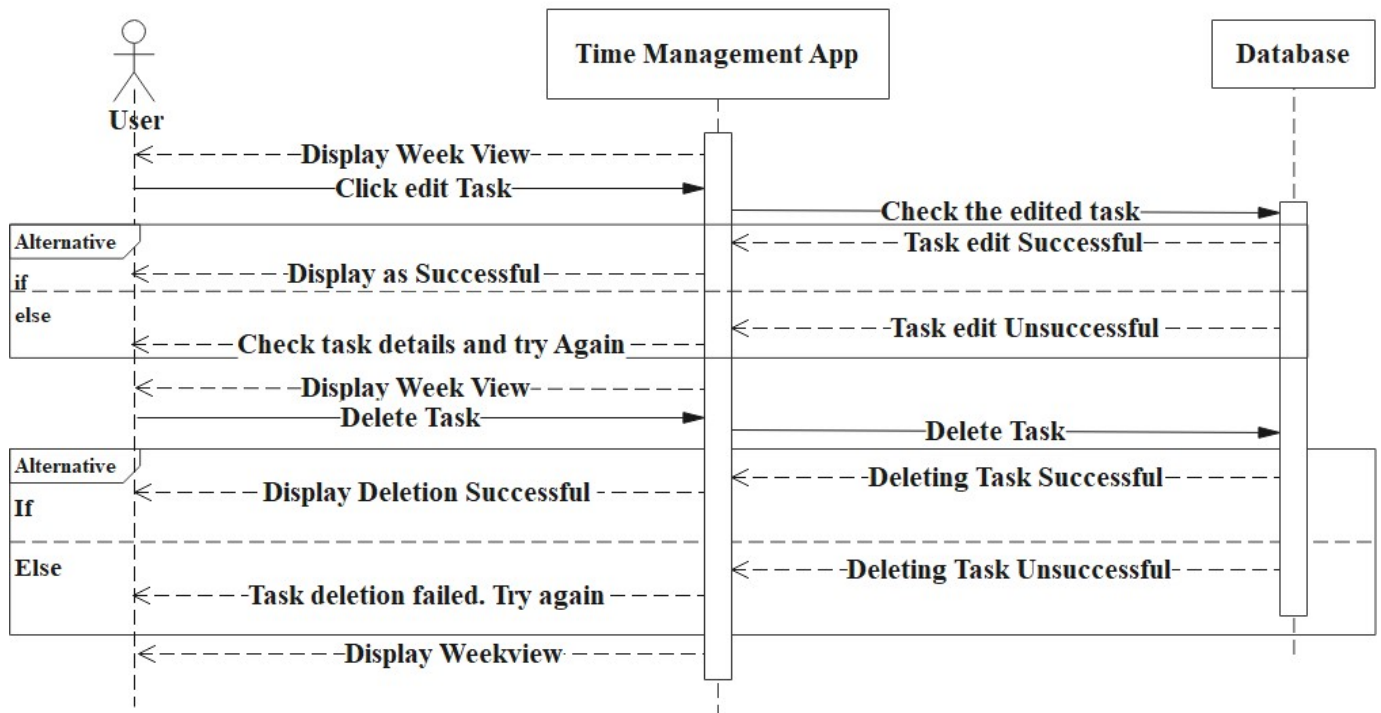
Sequence diagram to Add Task and checking DayView



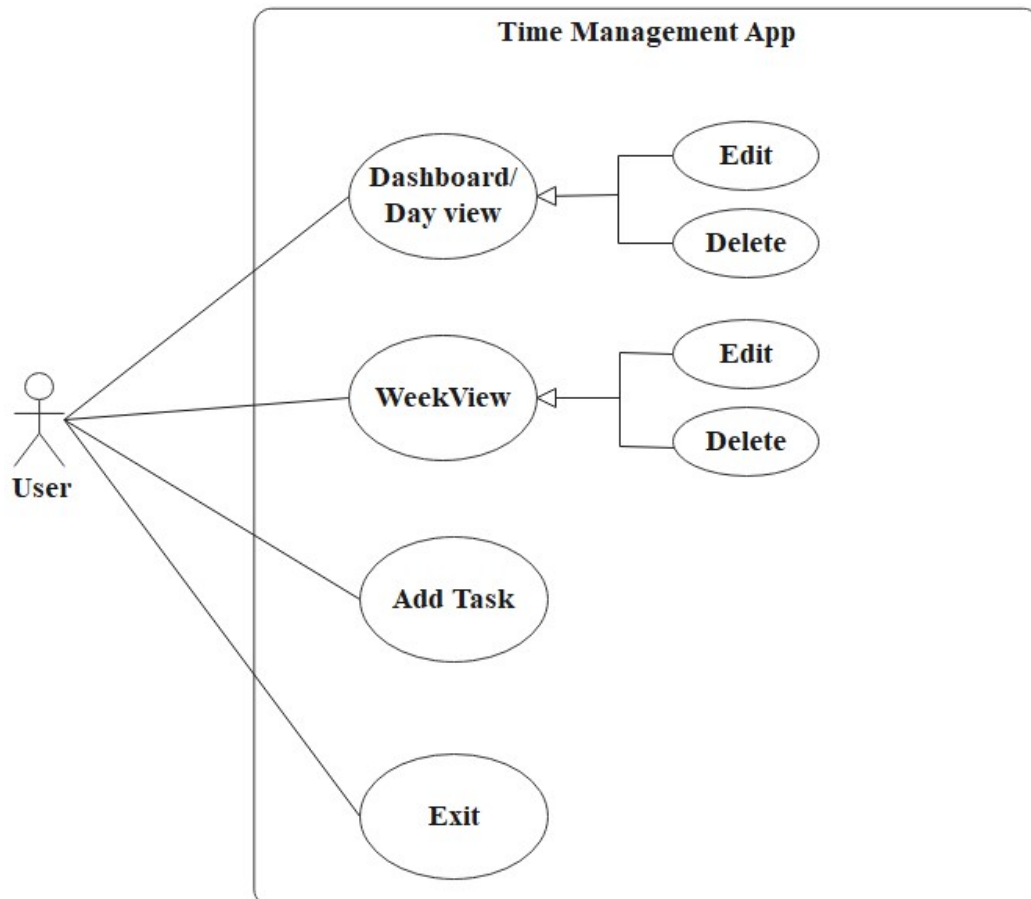
Sequence diagram for Dayview



Sequence diagram for Weekview



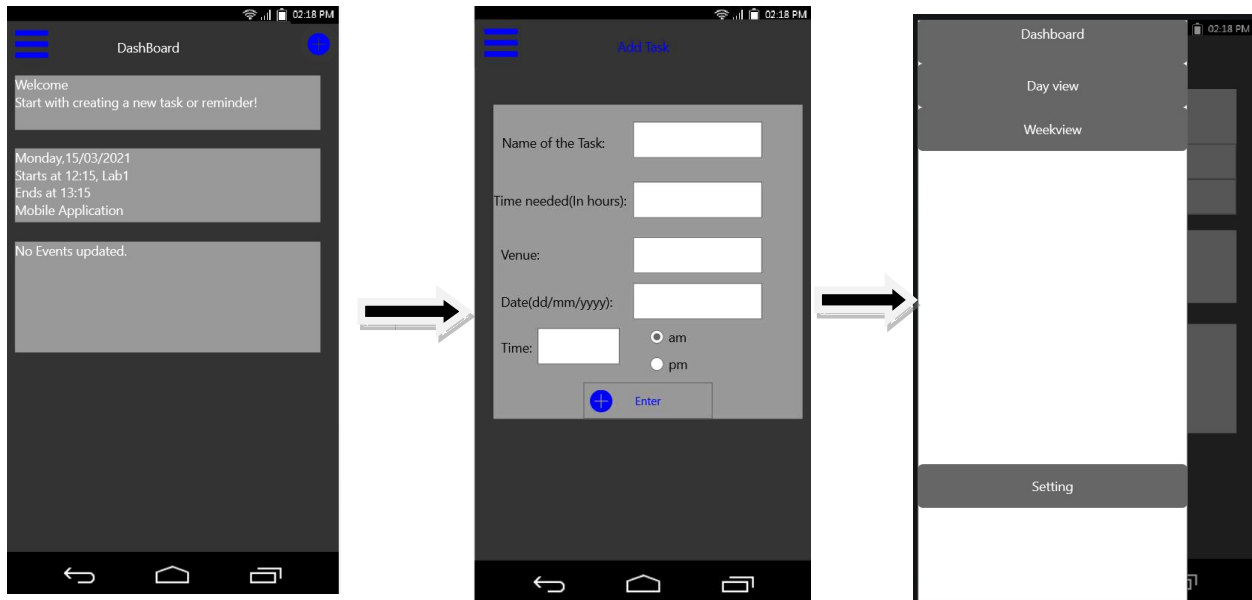
Use case Diagram



Prototype

Firstly when you click on the app, the app will display the dashboard and to add a task to be reminded you have to click on “+” on the right side it mean add task and you will taken to the next page.

Now, when you click on the three lines in a scrolling drawer will pop out and



Now when you click on dayview , weekview and setting the following will be displayed:

