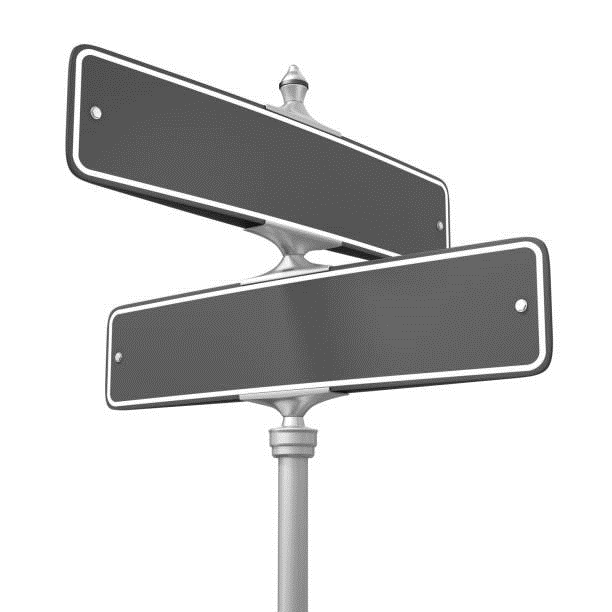
{Mav way}

Team 3



**Mav**

**Way**

FALL 2022

CSE-3310-001

Dr. Bahram Khalili

michelle saNCHEZ

priscilia c. eyum

Maulik sehgal

ansh sharma

Table of Contents

Increment 1 – Executive Summary……………………………………………………………… 1

*Project Mav way*

Increment 1 – Executive Summary Continued…………………………………………………... 2

*Project Mav way*

Increment 1 – Context Diagram…………………………………………………………………. 3

*Project Mav way*

Increment 1 – UML Class Diagram System……………………………………………………... 4

*Project Mav way*

Increment 1 – UML STD Login & Registration………………………………………………… 5

*Project Mav way*

Increment 1 – UML Class Diagram Homepage…………………………………………………. 6

*Project Mav way*

Increment 1 – UML Activity Diagram Search…………………………………………………... 7

*Project Mav way*

Increment 1 – UML Activity Diagram Tasks…………………………………………………… 8

*Project Mav way*

Increment 1 – UML Sequence Diagram Profile……………………………………………….... 9

*Project Mav way*

Increment 1 – UML Activity Diagram Settings……………………………………................... 10

*Project Mav way*

Our team will develop an android application to help UTA students or UTA administrator users navigate through campus. This will facilitate the location of where student services are available at UTA or nearby. The app’s available services to search for navigation are Campus Buildings, Student Centers/Services, Campus Offices, Campus Parking lots, nearby Bus Stations, and nearby Food places. It will also include features such as viewing your semester class schedule and a to-do tasks list. This apps focus is to steer a UTA student into the right direction. Contents of the app are described in the following (note: these are subject to change based on Team 3’s group decision):

* **Student Registration & Login**: Returning users will login with their username and password for authentication to access the app. New users will need to sign up to set up username and password fist before login in for authentication. A UTA student or administrator email is required for the username. An information form to fill out for registration will be include first name, last name, email address. The user can make any future changes to this information after access, this feature is found in the “**Profile**” option.
* **Homepage**: After users successfully login they will be welcomed to screen with the day’s date, day of the week, and time. And below will show the user’s class schedule of the day or the user may choose the option to show their class schedule by month and may have access to future months. The user’s class schedule shown on this screen will be exported from **add/edit/delete** feature located on the same home page. This **add/edit/delete** feature is for users to add their semester courses for them to show up on their class schedule of the day or of the month schedule, and during this process the user may also add any desired **notes** or the **location** of their class to have easier access to navigation.
* At the bottom of the “**Homepage**” there will be a **menu bar** that includes this page, the **Homepage**, and other options such as tabs called, **Search**, **Tasks**, and **Profile**. The menu will appear at bottom of every tab’s/option’s page, designed as tab menu/tab bar to make navigation through the app easier.
* **Search**: This option takes the user to a **search engine** screen. Where the user can enter the service or place for destination. For, instance the user could type printing and a list of printing services will appear, and their details such as their location. And can then select from the list that the user wishes to show navigation for. When the user selects their choice, it will direct them to google maps services for navigation. The user may also have the option to view available services to search for navigation through an **option menu** on this same page. The **menu** is categorized as Campus Buildings, Student Centers/Services, Campus Offices, Campus Parking lots, Bus Stations, and Food.
* **Tasks**: This option will take the user to a screen that shows a view of a to-do list the user has due for the week, or the user may have the option to view it for the month or a specific day. For the user to see their tasks that are due on this page they must manually add them using the **add/edit/delete** feature for tasks also located on the same page, during this process the user also has the option to add any desired **notes**.
* **Profile**: Profile tab lets the user view their profile and will have access to an information form when the user wishes to make changes to the information shown in the user’s profile view. The form includes first name, last name, email address, phone number (optional), date of birth (optional), college year (optional). The user has an option to **add** a **profile picture** and **edit** their **profile picture**. It will have the option to sign out. And the user can navigate to “**Settings**” from this page.
* **Settings**: The user can find “**Setting**” in the “**Profile**” tab. Settings will include the features for the user to change password or username or name, terms & conditions, and privacy setup that allows the user to able or disable notifications or the user’s location. The user will also have the option to go back to view their **Profile**.

Chart, box and whisker chart

Description automatically generated

Context Diagram

**A picture containing text, map, indoor

Description automatically generated**

UML-Class Diagram-System

**Diagram

Description automatically generated**

UML-STD-Login & Registration

**Diagram

Description automatically generated**

UML-Class Diagram-Homepage

**Diagram

Description automatically generated**

UML-Activity-Search

**Diagram

Description automatically generated**

UML-Activity-Tasks

**A picture containing calendar

Description automatically generated**

UML-Sequence-Profile

**A picture containing diagram

Description automatically generated**

UML-Sequence-Settings