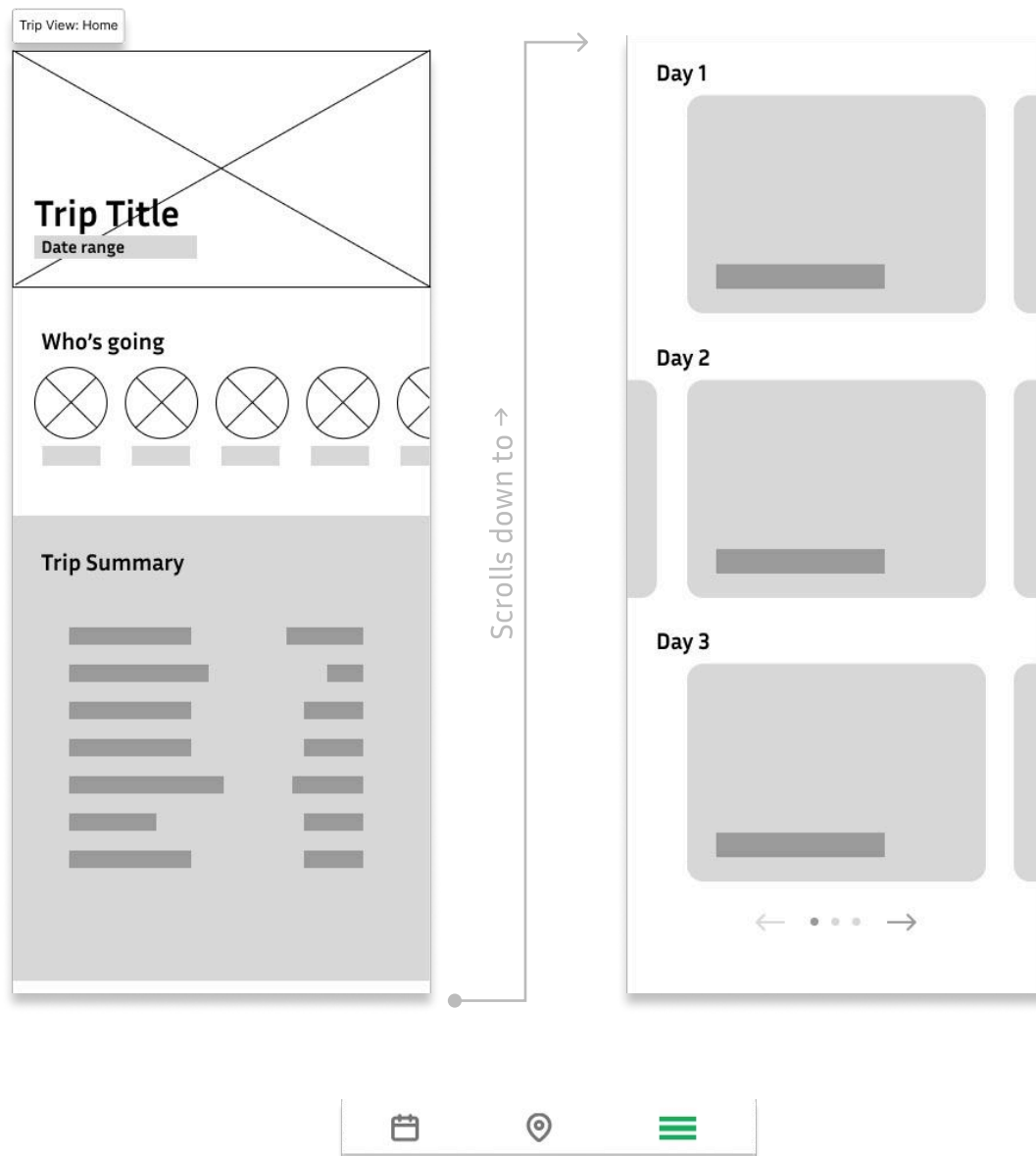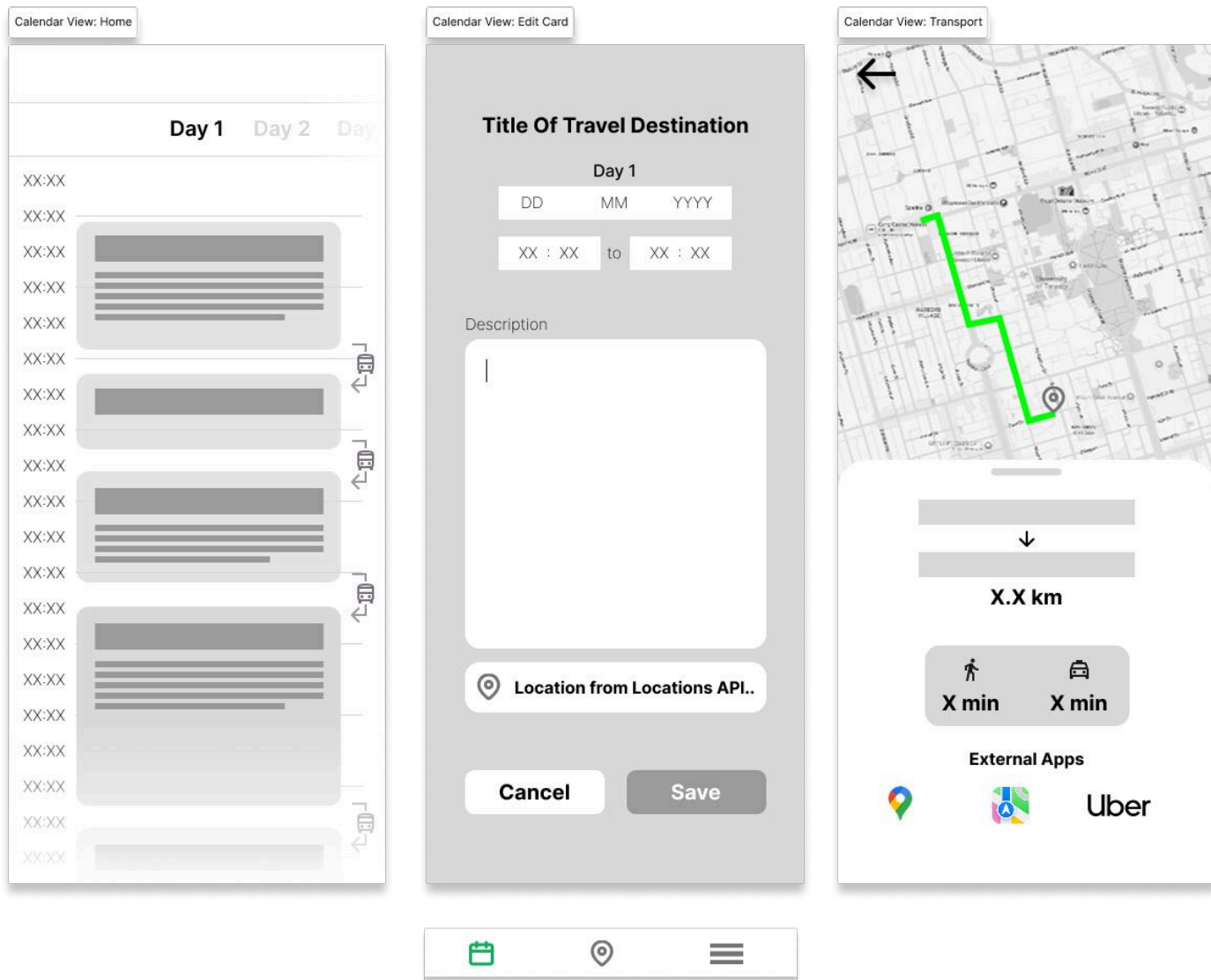## Trip Planner UI/UX

The trip planner app will have three main pages: the Trip View, Calendar View, and Map View. Other pages for miscellaneous uses such as login/sign up, accounts, settings, etc. will be added in the next sprint. These three pages demonstrates the main features of the app.

1. Trip View

The trip view shows the summary of the trip as a whole. It acts as the 'home' page of the app where users see everything they need to know about the trip. This includes the trip summary with computed data, list of other users involved, and each destinations in every day of the trip. Each destination card will be linked to another view that allows users to edit them.

2. Calendar View

Calendar View: Home

Day 1   Day 2   Day

| XX:XX |
| XX:XX |
| XX:XX |
| XX:XX |
| XX:XX |
| XX:XX |
| XX:XX |
| XX:XX |
| XX:XX |
| XX:XX |
| XX:XX |
| XX:XX |
| XX:XX |
| XX:XX |
| XX:XX |
| XX:XX |
| XX:XX |
| XX:XX |

Calendar View: Edit Card

Title Of Travel Destination

Day 1

| DD | MM | YYYY |

| XX : XX | to | XX : XX |

Description

Location from Locations API..

Cancel   **Save**

Calendar View: Transport

X.X km

X min   X min

External Apps

Uber

The Calendar view lays out the destinations per day and shows it in a timeline based on the set time. The users will be able to visualize what each day is going to be like in the dimension of time. Each card is linked to a "Edit Card" view, and a feature that allows them to drag the destination cards up and down the timeline will be implemented.

On top of that, another feature incorporating the calculated time required to travel between destinations will be shown in this view. The "bus" icons between the cards indicates the estimated travel time between the destinations. An "alert" colour can be used to indicate that the travel time between the destinations conflicts with the start time of the next destination.

The Transport View gives a visual of the transport and gives calculated details such as distance and estimated duration of travel based on different means of transportation. It also provides links to external transportation apps.

3. Map View

The Map views shows each destination in a day so the users have a better idea of the locations of the destinations and possibly make decisions on changing the destinations to allow a more efficient transportation between destinations. This way, users can also group destinations that are closer to each other into a day.

Each destination in a day is shown as an icon in the map with a number indicating the timely order of the destination. The first one being the earliest in the timeline. Each icon links to a floating info card about the destination and possibly links to other features such as editing the destinations, move it to another day, etc., which can be discussed in the next sprint.