

## Team 3 Project Charter

### ApartMate

#### **Team Members:**

Adrian Raj, Akshay Srinivasan, Ian Rettig, Risheek Narayanadeverekere, Siddhant Patel

#### **Problem Statement:**

College students who live in an apartment need an all-in-one app for all the needs of living in an apartment, such as splitting bills, assigning chores, knowing each other's schedule, and having a grocery list. This app aims to have a clean, focused platform for all of those featuring along with messaging in order to solve some of the hardships of living with new people for the first time. It will be different from existing apps (such as Roof) in terms of performance and UI design, and will include additional features like GPS reminders for items on a grocery list, and a feature to search for a roommate that matches the user's preferences.

#### **Project Objectives:**

- Build an app platform for people who are searching for apartment roommates
- Have ratings as a roommate, gained from reviews from previous roommates
- Match users with potential roommates based off of preference matches
- Have a system for easily splitting bills
- A chat/notification system for easy communication that integrates with the schedule

#### **Stakeholders:**

Users: College students seeking roommates and a way to organize apartment responsibilities

Developers: Adrian Raj, Akshay Srinivasan, Ian Rettig, Risheek Narayanadeverekere, Siddhant Patel

Project Manager: Mohammad Haseeb

Project Owners: Adrian Raj, Akshay Srinivasan, Ian Rettig, Risheek Narayanadeverekere, Siddhant Patel

#### **Deliverables:**

- We will be using NativeScript as the framework for the front and back end.
- Firebase will be the database used for the whole project.
- A direct messaging system for users to communicate with each other
- An interface for reviewing and matching with potential roommates
- A section to add receipts, who paid for them, and automatically split them fairly
- System to provide reminders based off of the schedule and location and the grocery list.