Team 12 Project Charter

A housing search for interns

Team Members:

Adam Kogut, Kunal Sinha, Darwin Vaz, Hiten Rathod, Arvindh Swami

Problem Statement:

New interns often find it a daunting task to find places to stay. We are developing a web application that allows interns to input their future location, living preferences, desirable rent, etc. It will be a system of chat rooms with a varied combination of preferences so users can meet others and form housing groups with each other. It will also enable people from different companies to be able to network more easily.

Project Objectives:

- Allow a company to send an invitation to employees in search of housing to join the platform.
- Create an employee profile which details information regarding the user's housing requirements (ie. price, location, etc).
- Generate rooms to place users into groups (based on location, employer, and other specific housing requirements) to network in.
- Allow members to browse potential houses that fit their preferences and select their roommates.

Stakeholders:

Users: Companies and their employees who are looking for housing
Developers: Adam Kogut, Kunal Sinha, Darwin Vaz, Hiten Rathod, Arvindh Swami
Project Manager: Shane Li
Project Owners: Adam Kogut, Kunal Sinha, Darwin Vaz, Hiten Rathod, Arvindh Swami

Project Deliverables:

- Front end web application using REACT for creating and inputting employee information.
- Develop a backend to handle the socket connections and allow for a
- chat room of employees with similar profiles.
- Use Firebase to store employee profile details and chat room history.
- Direct messaging between potential roommates.