



PRESENTS

TSEC HACKS 2023

PROBLEM STATEMENT #1

FIND YOUR FLAT + ROOMMATE

Finding the right property to live in and the right flatmate is a crucial task when moving to a new city/location. An inappropriate locality, property or roommate can make our life miserable. College students who have to relocate due to their college will be able to relate to this big time. People want to unlock new experiences and live in different places with new people. The process of moving is complex enough. When deciding where to begin a new phase of your life, it becomes crucial to be matched with a suitable roommate and house. How can you find the best flat + roommate combo for yourself? You'll need to consider safety, finances, and job prospects around the new locality and consider your roommate's Education, Work, Previous Experience, Smoking/Drinking habits, late night or any odd habits, Gender, Food Preferences, Hobbies, etc. It can be daunting at first, especially if you're new to an area.

Develop an application which helps people find a suitable locality, and the correct flat, according to their budget, as well as matches two roommates with similar interests just like a swipe right on Tinder or Bumble

Potential Features:

- Options for the user to browse by any locality in any state, city, or zip/postal code.
- Displaying each state's affordable cities and localities, rent rates, career and opportunities and food options.
- Display details about the cost of living and statistics of the neighborhood (crime rate and user ratings)
- Consider the various types of users for the website.
- The user can view the profile information of different users to match with potential flatmates.
- User profile verification and authentication as a security measure.