PUSL 2021

Computing Group Project

Project Proposal

Group Details

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Introduction

In the present, finding a suitable hostel accommodation or boarding place has become a challenge for many university students. The increasing number of students enrolling in universities and limited housing options have created a competitive and often stressful environment for those seeking a place to stay. As a solution for this problem, we present our innovative web application - a user-friendly platform that connects users such as students, parents, and hostel/boarding owners together so that they can meet their required accommodations.

Our website is super easy to use. If you are a student or a parent/ guardian, you can just search for boarding or hostels near your university. You can filter your search results like how much you can spend, what kind of facilities you prefer, and the distance between the boarding or hostel to the university. The results will give well-detailed information about the hostels and boarding houses available. This saves you time and lets you focus on your studies and activities.

If you are a hostel or boarding house owner, our web application is the best way to advertise your property. You can show off your property with pictures and descriptions. Our web application will match what students need with what you have to offer, making it easier for everyone.

We also make sure our web application is safe and secure. Each user (whether you are a student, parent, or hostel/boarding owner) will have to create a user account along with a strong password. And we will check to make sure everyone using our web application is real and trustworthy. This way everyone will feel secure using our web application.

In summary, by connecting students, parents, and hostel/ boarding owners, our web application solves the issue of finding suitable accommodation for university students, making their academic journey easier and more focused.

Objective

- The objective of our project is to create a user-friendly platform that connects students, parents, and hostel/boarding owners by simplifying the process of finding hostel/ boarding accommodations.
- This application aims to facilitate a seamless and efficient way of discovering secure and comfortable hostels or for parents who are looking for reliable boarding options for their children.
- Our application provides an opportunity for the hostel and boarding owners to showcase their facilities to a wider audience enhancing their visibility and accessibility.
- Ultimately our objective is to revolutionize the accommodation process, making it more convenient and efficient for all the parties involved.

Target Users

- **University Students** : Students who are searching for hostel/boarding accommodations while pursuing education in various institutions.
- **Parents/Guardians** : Parents or guardians who are searching for safe and reliable boarding options for their children who are studying away from home.
- **Hostel/Boarding Owners** : Owners of hostels/boardings looking forward to increasing their occupancy rates.

Our project acts as a bridge between these groups, providing a convenient and efficient platform for students and parents to find suitable accommodation while enabling hostel and boarding owners to reach a wider audience.

Features

- **User Profile** : Users like students, parents, and owners can create profiles with their personal details, accommodation preferences, and requirements.
- **User Dashboard** : User-friendly dashboard that users can access effectively.
- **Search and Filter** : Users have the opportunity to filter their search based on location, budget, safety, etc.
- **Property Listing** : Hostel and boarding owners can create a detailed listing with a description, price, address, photos, facilities provided, safety measures, etc.
- **Reviews and Ratings** : Users can leave reviews and ratings for accommodations they have experienced, providing valuable feedback for others.
- **Messaging System** : Messaging system to build communication between users and property owners.
- **Map integration(Google -location service)** : Interactive map to display nearby accommodations, institutions etc.

Time Frame(Gantt Chart)

Task	Start Date	Days Needed to Complete	Complete Date	Fixed date with additional dates
Planing	2023-11-01	7	2023-11-15	14
Design (UI/UX)	2023-11-15	14	2023-12-06	21
Design (System)	2023-12-06	14	2023-12-27	21
Front-End Development	2023-12-27	21	2024-01-24	28
Back-End Development	2024-01-24	21	2024-02-21	28
Testing	2024-02-21	7	2024-03-06	14
Deploy	2024-03-06	7	2024-03-20	14