
ROOMMATE SEARCH

Adarsh Pandey, Ankit Singh
Student, Computer Technology, SRMGPC LUCKNOW

***Abstract:** Living conditions are increasing very rapidly in today's world. Furthermore, finding a shelter that closely matches one's preferences, budget, interests and needs is one of the biggest challenges. The problem gets worse when the occupant is a bachelor. For graduates, factors like affordability, proximity to university, similar company, etc. matter the most. There are many websites and mobile apps that facilitate such people in finding vacant apartments, but as of now there is no mobile app that will help you find a roommate like you in the new city. Because often people think that if roommate like to eat non-vegetarian food or stay up till late night, or like to party all night, then this website aims to help you to find roommate like you with voice in this. Several features are included such as messaging, potential matches and shortlisting based on user preferences.*

Keyword WEB Development, FLUTTER ROOMMATE SEARCH ROOM

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1. INTRODUCTION

Every day, we see how generations enable us to solve problems and make our lives more important. However, we no longer see it. Changes in the way you search for contacts or make friends at home, in a new field for faculty or new jobs. People from unique walks of life in the city, it becomes difficult to find a room and roommate that meets your requirements for fee, preference and compatibility. Taking university research into account, a typical 16% jump in university going college. There are many benefits to faculty living, including lower costs, added privacy, more freedom, more space, and extra time to live

with a suitable roommate. This website presents a sensible way to find friends in the room. Submit comments, search and encounter by school name, search for qualified applicants based solely on user probabilities, and preset only positive skills. Our work attempts to address this common problem by using a utility that shares the names of friends in rooms and rooms and uses algorithms to match your profile with quality friends. Roommates among university students and tenants are two examples of room-to-room problems. In regular practice. The technique of connecting one or two types of relationships is known as interconnection. Pareo In our daily lives, we see relationships as a pair in many paperwork, along with dance competitions performed by both boys and women. Compare women's hostels, boys' rooms, job search inside the market and much more. In a dating, product offering, they are treated as if they were human, and forced to have the right to privacy. Personal information can be very sensitive. Matchmaking requires the integration of interconnected devices, which must be advanced through interoperability. A framework that includes improvements in general dream and social strategy and an absolute accuracy of ninety percent for a version of conduct, dialogue and interaction.

1.1 PROBLEM STATEMENT

This challenge is to make roommate search utility so that students can find their comfort and select their very own roommate.

- Developing a website so that scholars can effortlessly locate roommates at their comfort and with their consent.
- For some financial motives many college students or humans must stay with roommates.
- Often the roommate gets into trouble due to staying up all night or looking a movie and having a fight over cleanliness.

1.2 PROPOSED SYSTEM

This streamlines the process of looking for website roommates. Send messages, search through priority, potential matches primarily based on consumer preferences, and short listing are just a few of the features. For those looking for a roommate or condominium, the proposed utility will provide a time-saving sale and web side. Users who already own a condominium but are looking for a well-suited roommate, as well as others who are new to the metropolis, will use the recommended system. Find roommates before moving into an apartment. Users can use this web only after registration. There are few steps in the way of registration. User can get login after finishing the registration method can get access on the web. The web allows users to view and change their profile and preferences once they have logged in efficiently. Potential Match will recommend matches based on consumer choices and search. Web has a feature that allows you to shortlist people who are looking for roommates or who have a condo. It is an Android app that allows customers to find roommates primarily based on their interests. Finding a roommate who has a similar opinion and like-minded attitude towards yourself is often difficult. This website program enables students and experts to create profiles and then seek roommates using an extraordinary variety of filters. It allows you to view profiles of other users primarily based on your search parameters.

1.3 User Options:

This website provides following features to the user:

- Once the person logs within the website, the type of the person is decided.
- The cutting-edge consumer may be both looking for an rental or a roommate.
- User can sign up for website and fill out preferences and information.
- User can view profile and alternatives.
- User has access to update records via edit profile.

- User seeking out roommate can search via selecting university call.
- User can view potential match with percentage primarily based on their preferences, pursuits and university.
- User can shortlist other users.
- Send e-mail to ability customers.

Login: After you open the website, a login window will seem. Users can get right of entry to particular website functions based on their role with the aid of inputting a valid username and password. Users will see an mistakes observe if they enter the incorrect username or password.

Registration: The person can register for the app after it's been opened. In order to achieve this, the person need to specify the purpose for registering. The second step would be to fill in basic records including name, touch information, date of beginning, gender, and so forth. The third segment is gathering records on their training, career, tastes, and so forth. The fourth level for a user searching out an condominium is to go into apartment choices such as finances, room and apartment sharing possibilities, sort of domestic favored, and equipped to move in date. The fourth stage for a person looking for for a roommate is to provide information approximately the condo, along with the rent, the wide variety of roommates, the address, the condominium internet site, the assets pics, and the availability date. The 5th degree is to consist of pastimes and activities. The sixth step is for widespread options such as gender, eating behavior, smoking habits, and extra notes.

View Profile: This page shows all the records that a person furnished throughout the registration method. Basic facts, college-related facts, housing preferences for users in search of for an condominium and apartment

information for customers seeking out a roommate, interests and sports, and widespread alternatives are all available to customers.

Edit Profile: After logging in to the website, the user can get entry to the profile web page and make changes to present entries via clicking at the edit button icon.

Potential Match for consumer Seeking for Roommate: After logging in to the website and choosing Potential Match from the menu, the consumer may be proven with all in their selected fits, along with their percent. Selecting any of these will carry up an in depth data web page. When a consumer selects the "Add to Shortlist" button, their profile could be delivered to the list of shortlisted profiles.

When a user selects the "Send Message" icon, a communicate field seems, and the consumer can write a message and then ship it to every other consumer via clicking the "Send" icon.

2. CONCLUSION

This web is extremely beneficial for locating roommates or vacant flats around the college or university campus. It is easy to use and its features can help in locating the preferred suite. This web aspect can be used by a large number of human beings as it fulfills the requirement of different types of customers. In addition, it provides unique varieties of communication to connect customers such as messages to register a logo, text content messages to the individual person's smartphone, and direct email to various customers.

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