

INDUSTRIAL TRAINING REPORT

TOPIC - Web Development Training Project Report

Submitted by

TAPAJYOTI GHOSH

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BRANCH: INFORMATION TECHNOLOGY

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GOVT. COLLEGE OF ENGINEERING & CERAMIC TECHNOLOGY

73, Abinash Ch. Banerjee Lane, Kolkata - 10

Topic: PG-Life a Web Application made for students to find their best accommodations.

Introduction:

PG Life is a web application that helps students from across India explore and discover PGs based on their requirements.

Any student can even maintain a profile by creating their account on this web site. By entering city name(in any case) student can find PGs listed in that city(if exists in database), will be shown as list.

Objective: -

PG-life web app has been purely made with an objective to help students/professionals get acknowledged with precise information about any Paying Guest (PG) across whole India, they want to BOOK in or simply get to know which PG they can probably get booking through PG-Life app.

Technical Stack Used: -

Database: -

- MySQL server

Front-End: -

- HTML 5
- CSS 3
- JavaScript
- Bootstrap

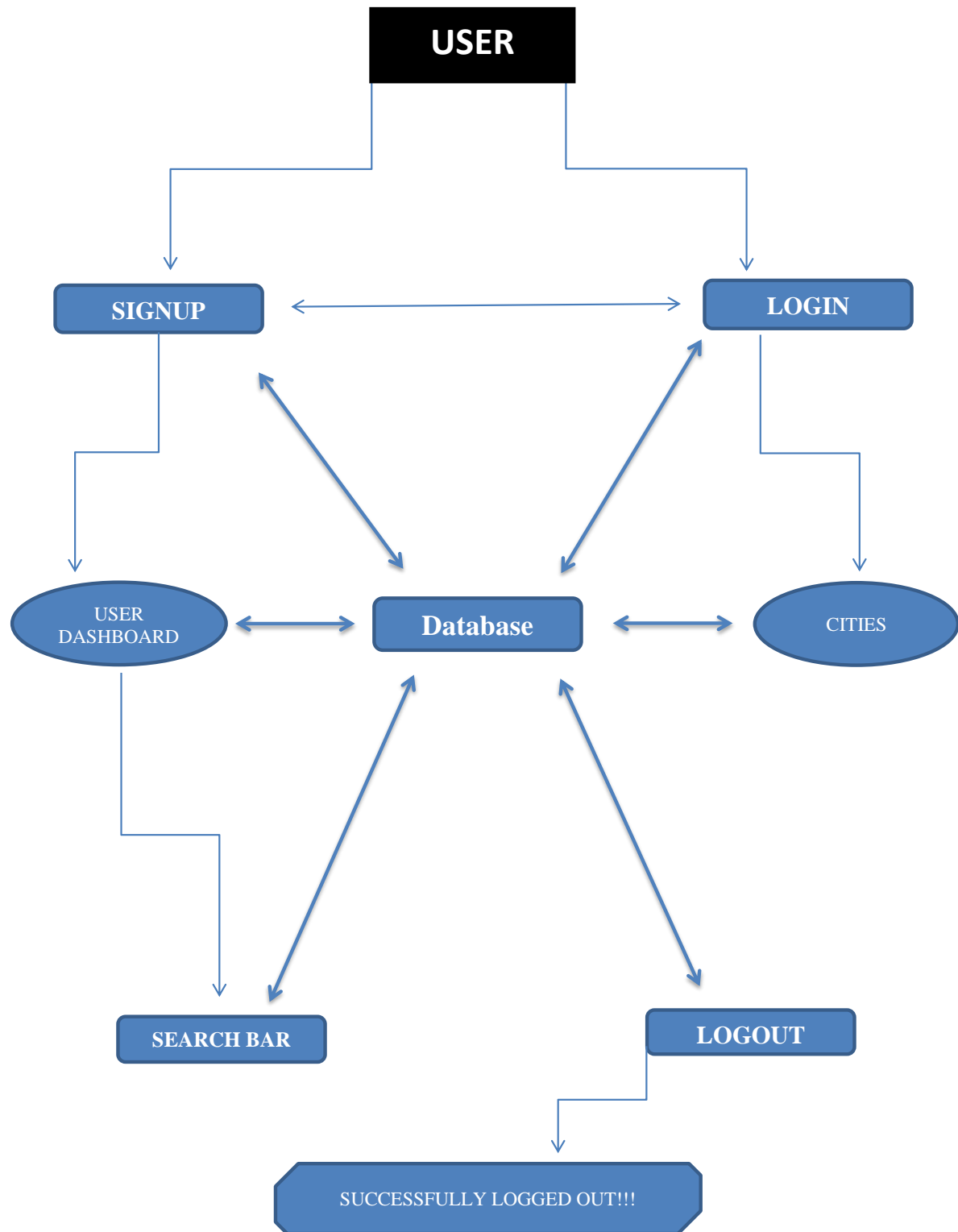
Framework used: -

- React

Back-End: -

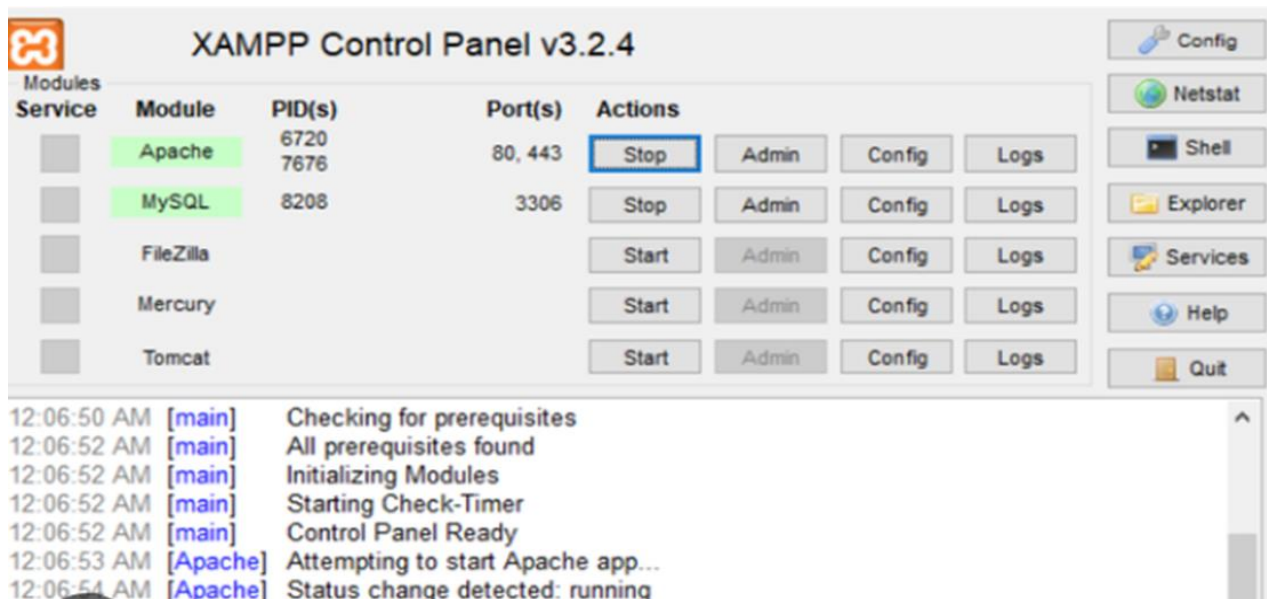
- Xampp
- PHP

FLOW CHART OF DATA FETCHING AND SAVING



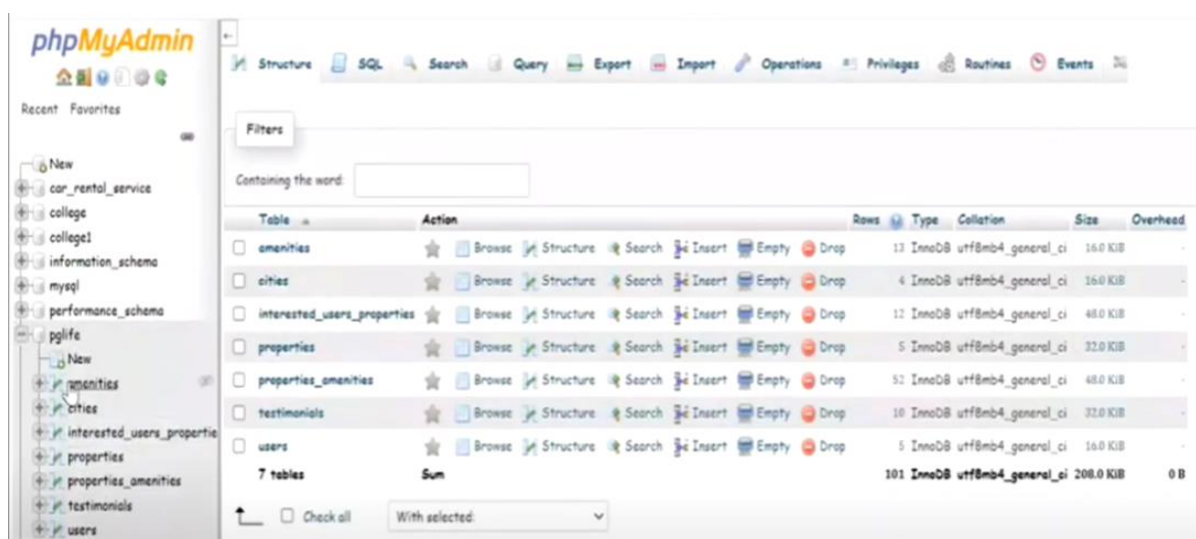
This web app has the following functionalities:-

1. **Starting the Server** First we need to start the server in order sync all the frontend and backend using XAMPP & php.



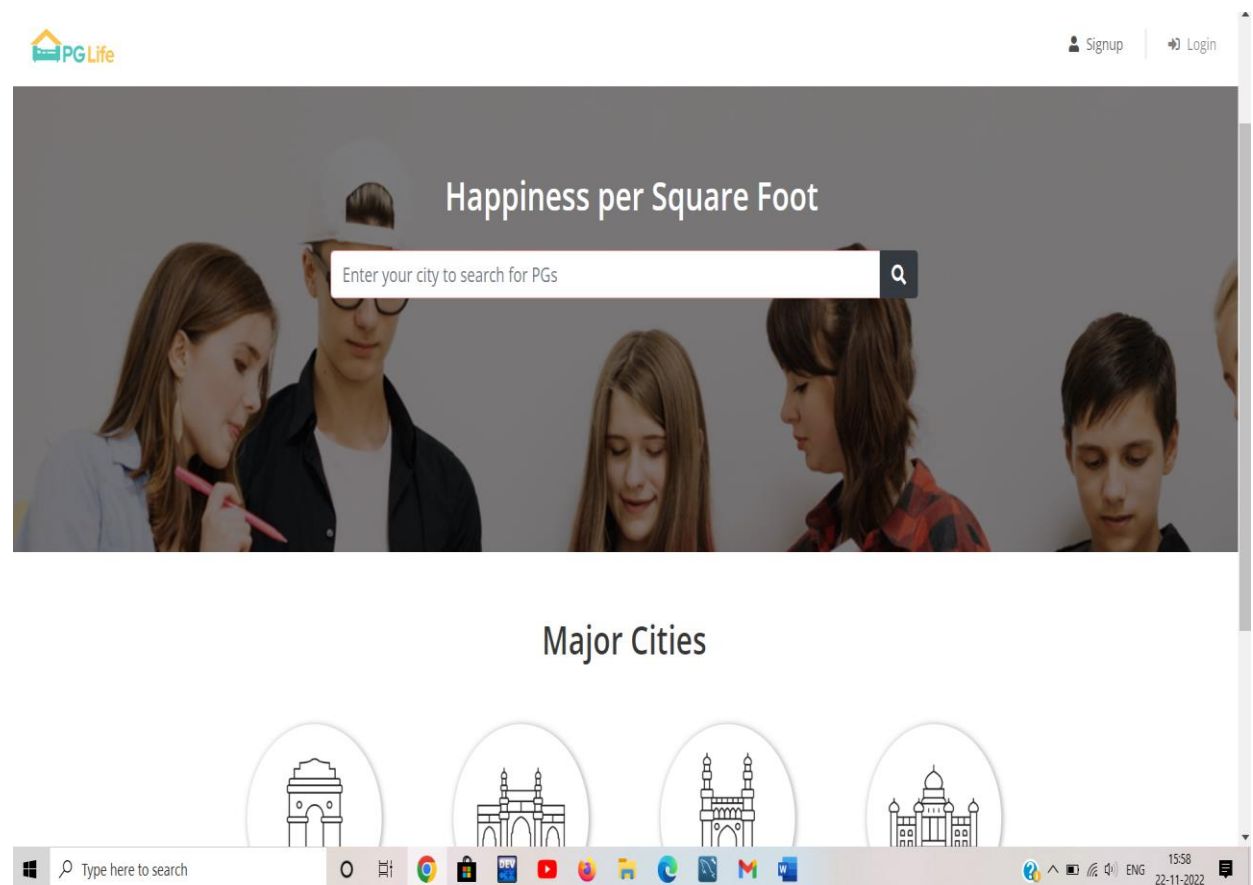
2) **Database view**

This is the database schema and tables view using php to connect frontend with backend.

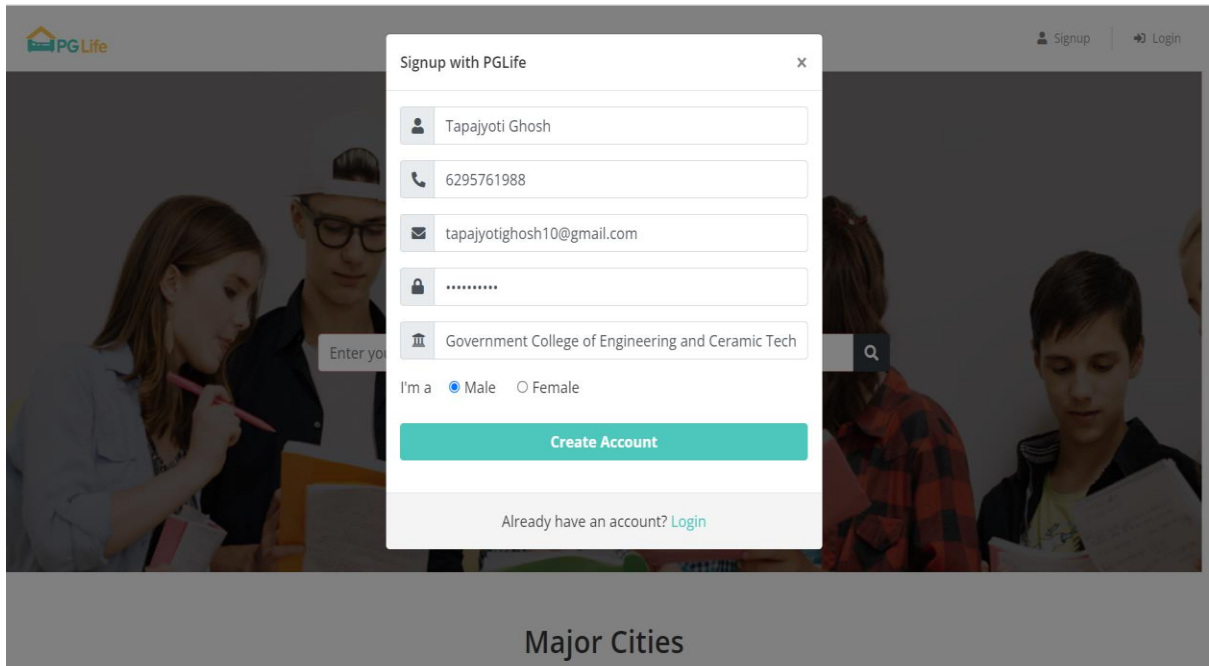


3.The home page:-

- a. Search bar, where user can enter city name(in any case), and PGs listed in that city(if exists in database), will be shown as list.
- b. Contains main cities in the form of circular sections, clicking upon which user can get the list of pgs. existing in that city.



4.User Registration:-a user needs to register first in order to use our web app to its full efficient .



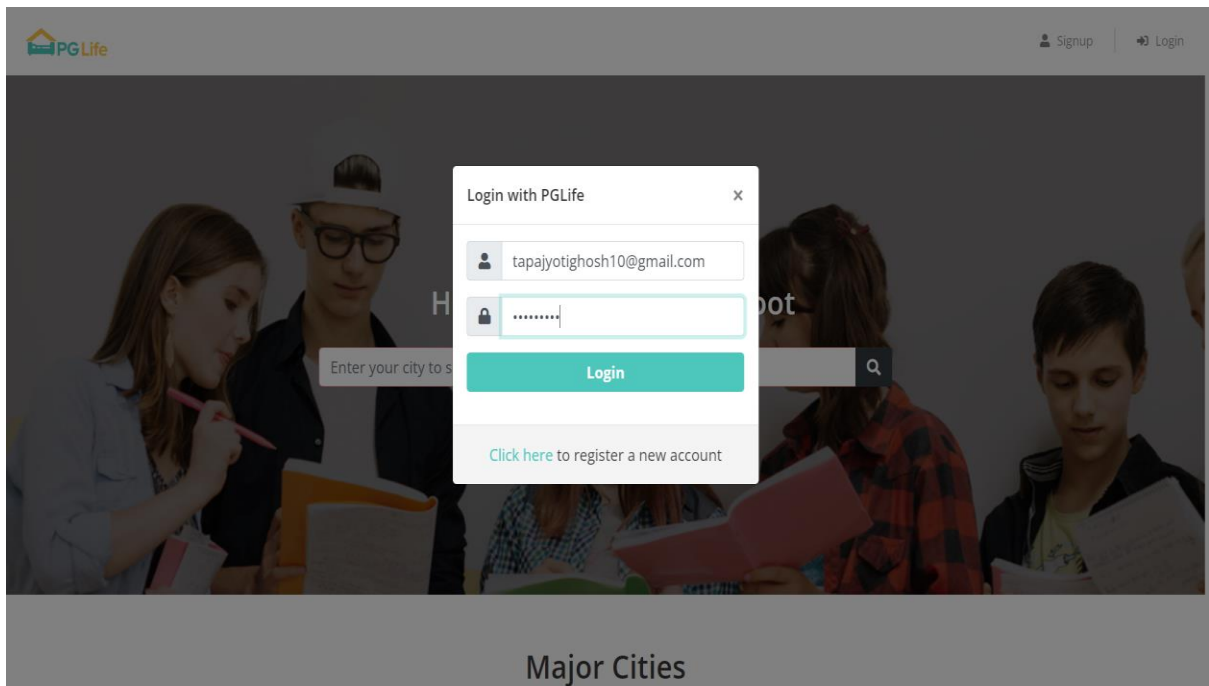
The screenshot shows the 'Signup with PGLife' modal form. The form includes the following fields and options:

- Name: Tapajyoti Ghosh
- Phone: 6295761988
- Email: tapajyotighosh10@gmail.com
- Password: (masked with dots)
- Address: Government College of Engineering and Ceramic Tech
- Gender: I'm a ☒ Male ☐ Female
- Buttons: 'Create Account' (teal) and 'Already have an account? [Login](#)' (text link).

The background features a blurred image of students and a search bar with the text 'Enter your city to s'. At the bottom, a grey bar contains the text 'Major Cities'.

5.Login Form

User needs to enter the same username & password which he used while registration



The screenshot shows the 'Login with PGLife' modal form. The form includes the following fields and options:

- Email: tapajyotighosh10@gmail.com
- Password: (masked with dots)
- Buttons: 'Login' (teal) and 'Click here to register a new account' (text link).

The background features a blurred image of students and a search bar with the text 'Enter your city to s'. At the bottom, a grey bar contains the text 'Major Cities'.

6.The PG list page:-

- a. Shows the list of all the PGs and their main features in the selected city, in the form of beautiful cards.
- b. Filter bar, using which the PGs can be sorted according to rent and rating, in ascending or descending order.
- c. User can see here which PG is being marked interested by how many users, to know popularity.
- d. After logging in, user can mark any PG(s) as interested, from the list itself, by clicking on the heart icon.
- e. The heart icon toggles style in terms of fill colour, when alternatively clicked to like or dislike the pg. Based upon click, interested user's number remains updated dynamically.



[Signup](#) | [Login](#)

Highest rent first

Lowest rent first

Rating

★★★★☆

5 interested

Navkar Paying Guest

44, Juhu Scheme, Juhu, Mumbai, Maharashtra 400058

Rs 9500/- per month

View

★★★★☆

2 interested

PG for Girls Borivali West

Plot no.258/D4, Gorai no.2, Borivali West, Mumbai, Maharashtra 400092

Rs 8000/- per month

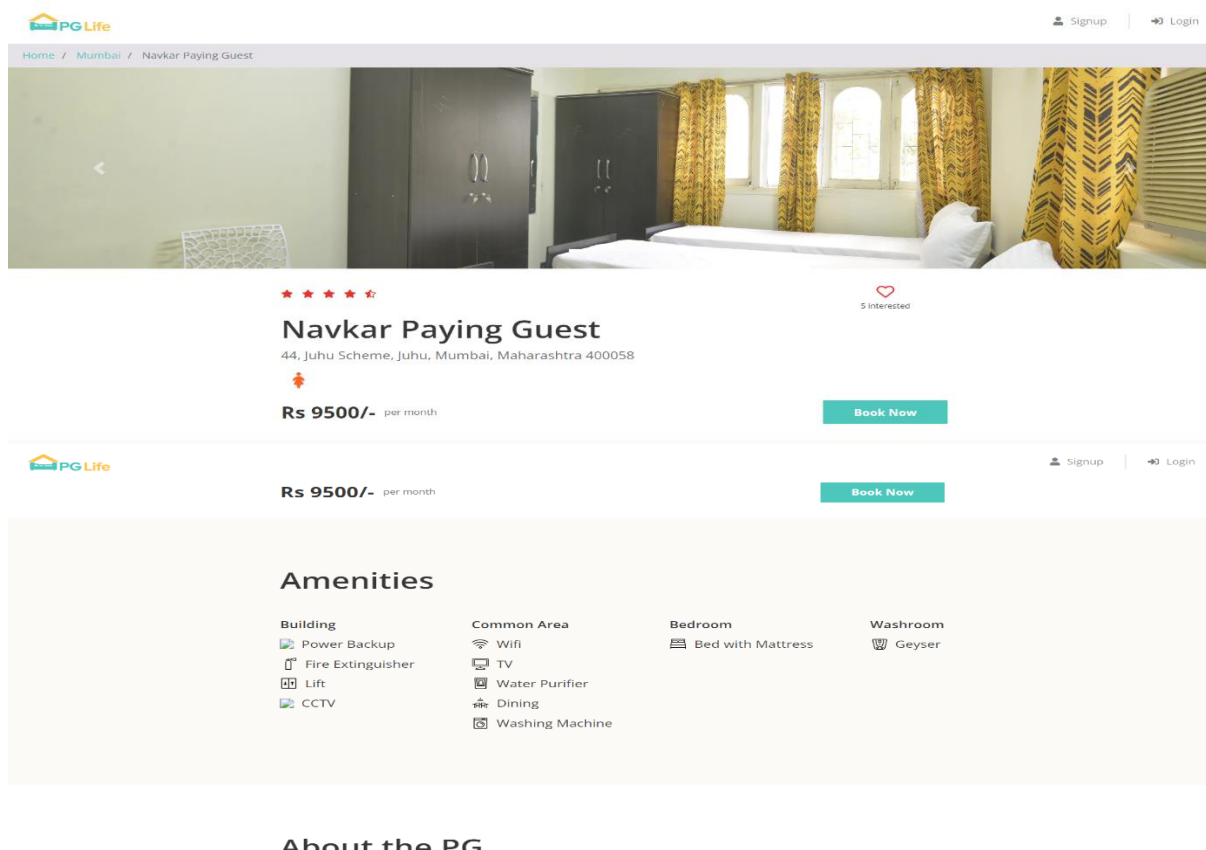
View

★★★★☆

1 interested

7.The PG details page:-

- In the property list page, if any user clicks on "View" button, that pg.'s entire details is being displayed in the PG details page.
- Images of the selected PG is being viewed at top front as a beautiful carousel.
- The page shows all the details such as amenities, testimonials, address of the PG neatly.
- User can see the selected PG is being marked interested by how many users, to know popularity.
- After logging in, user can mark any PG(s) as interested, from the list itself, by clicking on the heart icon.
- The heart icon toggles style in terms of fill colour, when alternatively clicked to like or dislike the pg. Based upon click, interested user's number remains updated dynamically.



About the PG

Furnished studio apartment - share it with close friends! Located in posh area of Bijwasan in Delhi, this house is available for both boys and girls. Go for a private room or opt for a shared one and make it your own abode. Go out with your new friends - catch a movie at the nearest cinema hall or just chill in a cafe which is not even 2 kms away. Unwind with your flatmates after a long day at work/college. With a common living area and a shared kitchen, make your own FRIENDS moments. After all, there's always a Joey with unlimited supply of food. Remember, all it needs is one crazy story to convert a roomie into a BFF. What's nearby/Your New Neighborhood 4.0 Kms from Dwarka Sector- 21 Metro Station.

Property Rating

Cleanliness ★★★★★
Food Quality ★★★★★
Safety ★★★★★

4.2
★★★★★

8.The dashboard:-

- Appears only for the logged in users.
- Shows the account details of the logged in users.
- Below profile details, there is a section for Interested properties, which shows the cards of those PGs which the logged in user marked interested, across any city.
- From this list, user can click the heart icon on any PG card, to remove that PG from interested list, and that specific page section gets dynamically changed according to user's action.


My Profile



Tapajyoti
tapajyotighosh3@gmail.com
6295761987
GCECT


[Delete Profile](#)

My Interested Properties:



★★★★★

Ganpati Paying Guest
Police Beat, Sainath Complex, Besides, SV Rd, Daulat Nagar, Borivali East, Mumbai - 400066

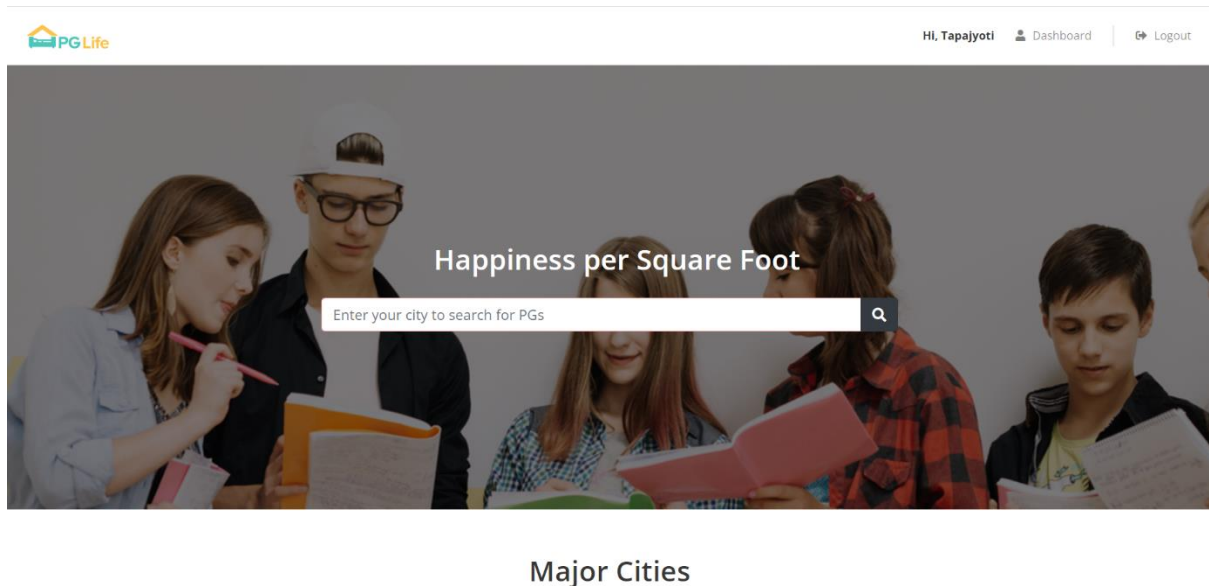
 **Rs 8500/-** per month

[View](#)

4 Interested

9.The Navbar:-

- a. Contains brand name.
- b. If NOT logged in, it shows option to Sign up and Login.
- c. If logged in, it shows option to go to Dashboard and Logout. Also, it displays the user's first name who is being logged in currently, by using SESSION.



10.The Breadcrumb:-

- a. Beautify shows the relative location of the user in the web app.
- b. Contains hyperlinks to easily navigate back and forth an endpoint.

11.The Footer:-

- a. Shows the list(containing hyperlinks) to show the list of PGs in the most popular cities.
- b. Displays copyright information.



Major Cities



DELHI



MUMBAI



HYDERABAD



BENGALURU

PG in Delhi

PG in Mumbai

PG in Bangalore

PG in Hyderabad

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debanjansarker.epizy.com/index.php

12. Entire web app can be surfed without logging in for user's ease and attraction for new users. Only certain features such as dashboard, and marking interested are available upon log in.

13. Through the entire web app, each and every execution is handled well using custom codes and UI, such that they are easily managed, and user can get to know the fault.

Conclusion: -

PG-LIFE web app has every feature and has been made minutely, by keeping in mind about the experience of a user (Student(s)/professionals. In this case) visiting this page for acquiring information about Paying Guests present in or beyond a particular area. We believe that this product will help students/professionals to find better Paying guest

rooms and make their PG selection process much easier through precise information which is been provided. Our product is built on the premise that everyone should be able to make informed decisions about their plans on booking, which are derived from their registration for data background and other factors. And, thus, our vision is to up the game of this web application by upgrading and adding different features from User(s) Perspective.