



CHRIST
(DEEMED TO BE UNIVERSITY)
BANGALORE · INDIA

HOSTAY - Home Away From Home

(A website that helps you find an accommodation to stay!)

by

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Under the guidance of
Dr. Gobi R.

HOSTAY project report submitted in partial fulfillment of the requirements of IV semester BCA, Christ (Deemed to be University)

May - 2022



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CERTIFICATE

*This is to certify that the report titled **Hostay** is a bona fide record of work done by **Sejal Arora(2041159)**, **Sauriya Nalli(2041134)** and **Rudrangshu Tripathi(2041129)** of Christ (Deemed to be University), Bangalore, in partial fulfillment of the requirements of IV Semester BCA during the year 2022.*

Head of the Department

Project Guide

Valued-by:

- | | | |
|--------------------|---|----------------------------------|
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| Examination Centre | : | Christ (Deemed to be University) |
| 2. Date of Exam | : | 09.03.2022 |

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ABSTRACT

Home away from Home”- We are looking forward to this motto by creating an online accommodation booking system that helps students to book an accommodation of their choice and feel comfortable just like their home. As we know there are multiple hostels, PGs and rented flats available everywhere however, there is no such medium to find them from a distant place or to search them online. We eliminate this issue and help all the students find the best place to live according to their comforts and needs.

It not just provides the list of all the hostels available but also helps students and parents shortlist all the accommodations according to their wish list. Since our project has two end-users, it also enables Hostel, PG owners to display their hostel details and get bookings. We also provide a food booking service as one of the major part of our project.

The students may then chat with the hostel owners and get the deal finalized. After the deal is done, both parties may provide feedback/ratings to each other. The bidding system ensures two things. Firstly, the students can save time by finding a perfect hostel online that fits their budget. Secondly, healthy competition allows the students to choose the best suitable hostel for themselves.

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INTRODUCTION

Our project is solely based on providing a home away from home to all the students who are in search of hostels, PGs, and even rented apartments as well. It not just provides the list of all the hostels available but also helps students and parents shortlist all the hostels according to their wish list. Since our project has two end-users, it also enables Hostel, PG owners to display their hostel details and get bookings.

OBJECTIVES

Every student once in his/her life experiences hostel life. Most of the students shift to a new city or a new place to experience exposure in life. Talking about our college experience itself most of us shifted to Bangalore and we all faced a lot of issues in searching for the best hostel that suits the needs of both ours and our parents. The main objective of this website is to reduce this problem of looking for hostels from place to place, spending hours, and still not being able to find that one perfect hostel/ PG of our choice. But here on our website, the student can search whatever hostel they want while sitting back in their houses. This saves so much time, energy and also students can connect to PG/Hostel owners so easily. Even parents are stress-free as they know now that their child is in the best hostel they could look for. This website is also a help to all the hostel/PG owners as they can advertise their hostels on our website and get students to stay with them.

PURPOSE, SCOPE, AND APPLICABILITY

Purpose

As we know there are multiple hostels available everywhere however, there is no such medium to find them from a distant place or to search them online. The main purpose of this website is to reduce this problem of looking for hostels from place to place, spending hours in a new city to look for a hostel, and still not being able to find that one perfect hostel/ PG of your choice. Here on our website, the student can search whatever hostel they want while sitting back in their houses. This saves so much time, energy, stress, and also students can connect to PG/Hostel owners so

easily. Another purpose is that here the application will be a help to all the hostel/PG owners as they can advertise their hostels on our website and convince students to choose their hostel.

Scope

The scope of this website is inevitable as it is directly linked with a real-life problem that almost every student faces in his/her life. The project will help students save so much time and energy and book a desired hostel/PG easily while sitting in one place. The project is feasible as it can be used for a long time without any problems. The Internet has become a part of everyone's life and it should also benefit students in looking for a place to live just like their home. Our website not only benefits the students but also the hostel owners to advertise their hostels, put up the best services their hostel has to offer, and convince the students to stay at their place.

Applicability

The project is applicable to all students and hostel/PG owners out there. Hostel owners can register themselves on the website and start advertising for the hostel. On the other hand, students as well as their parents can list their requirements and can select the best possible hostel that suits all of their needs and wishes. The concept is applicable to all the cities in India and it will help students focus on minute requirements and find a home away from their home.

1.1 OVERVIEW OF THE PROJECT

This report has given a brief description of our project, Hostay, an accommodation searching website for all the students, office going people looking for a place to move in. This is a completely new platform and it reduces the student's effort to search multiple websites and call up different phone numbers, which would normally be the process without Hostay. Our website saves so much time, energy and also students can connect to PG/Hostel owners so easily.

This idea is similar to hotel booking websites like MakemyTrip.com, AirBNB.com, etc. Just the difference is instead of hotels or resorts; we help you find a home away from your home. The main objective of Hostay is that the student can search whatever hostel, with whatever requirements they want while sitting back in their houses. The project is applicable for both occupants searching for accommodation and hostel owners looking for occupants.

SYSTEM ANALYSIS

PROBLEM DEFINITION

The scenario of choosing a Hostel is to go over to individual sites and compare them manually. This is where Hostay comes into play we not only eliminate this issue but also provide a hands free and smooth journey of a customer to choose their desired hostel. Our website also comes with several features that make the users' job to filter out their requirement much easily and efficiently.

2.1 EXISTING SYSTEMS

The idea of Hostay is quite similar to how the websites or apps for booking the best suitable hotel or holiday destination work, but the idea behind Hostay is to find the best suitable Hostel, PG, or Flat and not a hotel. In other words, Hostay could be considered as a website for searching for a hostel in any city near any college, office, or place in India. Here are some of the existing systems Hostay has derived inspiration from.

- **MakeMyTrip.com or Goibibo.com:**

These are the most popular platforms in India to book a hotel, resort, etc for your holiday destination. These platforms are the inspiration behind creating Hostay to search and book the best suitable hostel for students in their desired place in India.

- **Airbnb.com:**

This is another very popular site that allows users to search and rent a place to stay for a selected period of time. It doesn't look for a hotel but rather

home or private rooms which you can book and stay. It also provides various options for amenities to chose from. This website inspires us to add all the minute details to our website so that students can find a home away from their homes.

- **MagicBricks.com:**

Magic Bricks is a high-end property portal that caters to a global market with its unique services and novel online features. Having been launched in the year 2006 by Times Group, Magic bricks has quickly risen to being the No. 1 Property Portal in India. The Magic bricks design is based on rigorous research, unique product developments, and innovative initiative which has been readily accepted by users. In an attempt to best serve the users, features on the Magic bricks realty portal are constantly invented, evaluated and upgraded.

- **StanzaLiving.in:**

It provides fully-managed shared living accommodations to students and young professionals. the company is present across 23 cities including Delhi, NCR, Bangalore, Visakhapatnam, Hyderabad, Chennai, Coimbatore, Indore, Pune, Baroda, Vijayawada, and Dehradun, in India, with a capacity of 55,000 beds. Stanza Living is a technology-enabled housing concept which provides fully-furnished residences with amenities like meals, internet, laundry services, housekeeping, security and community engagement programs.

2.1.1. LIMITATIONS OF EXISTING SYSTEMS

All these websites are perfect in their own functionalities and UI and serve a different motto and purpose than what it is of our website. A good combination of these could have made an ideal website to search all kinds of accommodations and places to live. Some focus on a particular type of accommodation while some focus on a chain of a brand of accommodations. Some websites are an inspiration for UI while some for the database searching, but none offers all of these features together i.e. we weren't able to find out an exactly similar or existing system that implements the features that are bundled by HoStay, therefore our

website is more of a combination of different features from different platforms and amalgamating them into a unique combination that has never been built.

2.2 PROPOSED SYSTEM

Our project HoStay is solely based on providing a home away from home to all the students who are in search of hostels, PGs, and even rented apartments as well. It not just provides the list of all the hostels available but also helps students and parents shortlist all the hostels according to their wish list. Since our project has two end-users, it also enables Hostel, PG owners to display their hostel details and get bookings. It is basically a unified database for all different kinds of accommodation in a specific area in the city, with filter on type and place. This way we provide a simplified and easy to use website for the customer. Our website also takes payments and reserves rooms. The restaurant page we added also shows the customer the variety of eateries in the area categorized into different cuisines for the ease of the customer.

2.2.1. BENEFITS OF PROPOSED SYSTEM

We have realised that people from all over the country and also people from all over the world the world need accommodation if they are living outside of their home town and our website makes it easier for them.

most of the accommodation have no website no way to contact them and our website provides a platform to small hostel owners to display their information for interested people.

2.3 LITERATURE REVIEW

This domain was chosen specifically so that the future students don't face the same problem we did when we first arrived in Bangalore. A lot of thought and planning has gone into making this website and each feature is thought of in such a way that we would have liked to see in the website when we needed it. The current domain has a lot of scope for expansion and feature adding. And we would love to add more features as time goes by.

We used the following websites for reference

1. www.booking.com
2. www.stanzaliving.com
3. www.magicbricks.in
4. www.airbnb.in

2.4 FUNCTIONAL REQUIREMENTS

2.2.1.1. Post Product Option

- Customers can see the photo of the hostels that they want to choose.
- Customers can provide filters or specifications of the hostels to be rented.
- Hostels can share the posts with other people.

2.2.1.2. Search Facility

- Customers can easily search for their desired hostel of stay.
- Customers can also search their preferred hostels using various filters like location, food, security etc.

2.2.1.3. AI Recommendation System

- Occupants can also get their desired option of stay using filters.
- Similar results will be generated and recommended to them using the filters they selected.

2.2.1.4. Chatting Facility

- Occupants and Hostel owners can chat with each other using the chatting option available on the website.
- Occupants can explain the modifications required in their stay
- It can be used for finalizing the hostels and explaining the requirements.

2.2.1.5. Report Generation

- The admin can see reports related to the sales done on the website.
- Different filters can be used to see reports on the basis of time or categories.
- Recommendation system can be improved by using the reports data.

2.2.1.6. Graphical Dashboard

- Occupants and Hostel owners are provided with a graphical dashboard where they can see their past bookings on the website with the help of graphs.
- They can modify their personal information.
- They can edit or add their profile pictures using their dashboard.

TECHNICAL REQUIREMENTS

2.2.2.1. Data Privacy

- The data provided by the users will be kept private and will not be shared with everyone.
- The chats done between hostel owners and students for bookings will be kept confidential and will be read by anyone else.
- The personal data will be kept private and very important data will be encoded using a hashing function.

2.2.2.2. Performance

- The performance of the project depends on the internet connectivity of the user as the data will be saved on a Server.
- It will be a web application therefore requires a browser as a client which can communicate with the server or host.

- It also depends on the version of the Operating system and hardware in the device.

2.2.2.3. Data Security

- All the information provided by the users will be kept in a most secure manner.
- The site will not be having any loopholes or bugs through which hackers can get access to the database and steal data.
- Confidential information will never be kept on the user's side in the form of cookies to maintain security
- .

2.2.2.4. Data Transfer

- Data should always be transferred using a secure socket layer.
- The protocol used for transmission should be secure and should follow all the security guidelines.

2.2.2.5. Data Storage

- The data will be stored in a database in the server.
- Users will be able to see data according to their permissions.
- The password will never be echoed and saved in the database after encryption.
- The database can only be accessed directly by the authenticated users such as admin who are a part of the company.

2.2.2.6. Reliability and Maintainability

- The system always maintains a log file to recover from any errors.
- Backup of the database is taken at regular intervals to ensure that the data can be recovered later on.
- The website can be maintained by the development team.
- They can add new modules and improve existing modules and security of the website at regular intervals for maintaining effectiveness and efficiency.

2.5 SOFTWARE & HARDWARE REQUIREMENTS

Hardware Requirements

COMPONENT	MINIMUM	RECOMMENDED
Processor	1.9 gigahertz (GHz) x86- or x64-bit dual-core processor	3.3 gigahertz (GHz) or faster 64-bit dual-core processor
Memory	2-GB RAM	4-GB RAM or more
Storage	128 GB	512 GB
Display	Super VGA with a resolution of 1024 x 768	Super VGA with a resolution of 1024 x 768 or more

Software Requirements

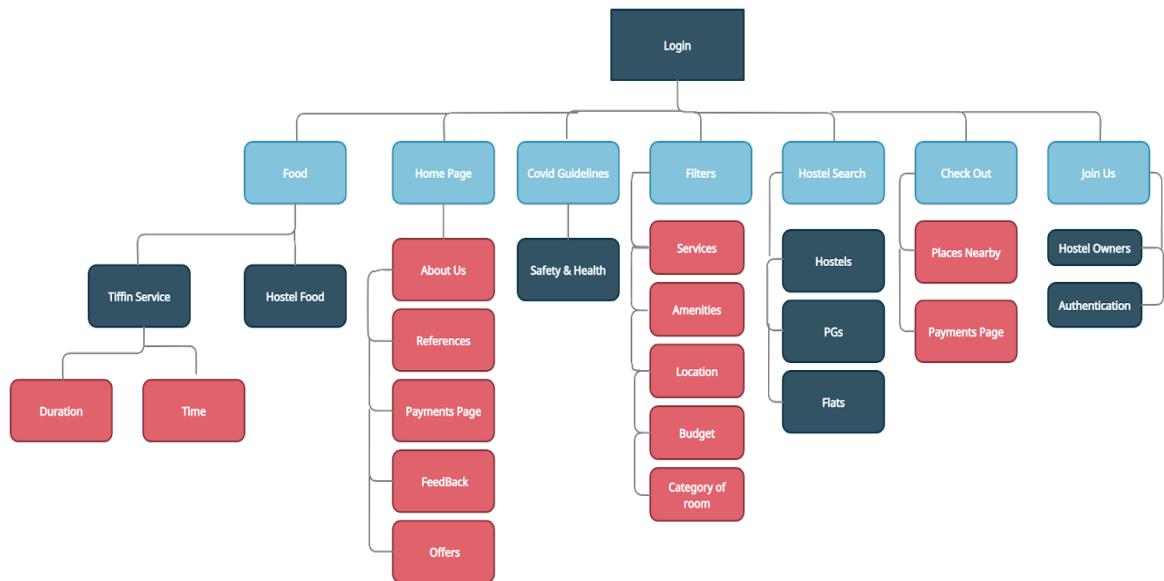
COMPONENT	MINIMUM	REQUIREMENT
Operating Systems	Windows 7 or Ubuntu 14.04 or OS X El Capitan 10.11	Windows 10 or Ubuntu 18.04 or Catalina 10.15.7
Web Browser	Google Chrome 69.0 or Mozilla Firefox 71.0	Google Chrome 69.0 or Mozilla Firefox 71.0
HTML	HTML5	HTML5.2
CSS	CSS3	CSS3
Javascript	ECMAScript 2016	ECMAScript2018
PHP	PHP6	PHP8
MySQL	Server5.6	Server8.0
Python	PYTHON2	PYTHON3.6
Server	LAMP 0.010 or WAMP 2.5	LAMP 0.0.12 or WAMP 3.0.3

Network Requirements

COMPONENT MINIMUM RECOMMENDED		
Bandwidth	More than 50 KBps	400 KBps
Latency	Latency Under 150ms	75ms

SYSTEM DESIGN

3.1 BLOCK DIAGRAM



3.2 DATABASE DESIGN

Field	Column2	Column3	Column4	Column5	Column6	Column7	Column8	Column9	Column10	Column11	Column12	Column13
User	User_id	id	password									
Personal Details	Info_id	name	type(student,gua)	gender	email	contact_no.	adhaar_no.	add id	dob			
Food	Food_id	cuisine	dish									
Amenities	Featur_id	bed	fan	ac	cupboards	study_table	washroom	dustbins	balcony	hostel_id		
Services	Servic_id	laundry	meals	power	housekeeping	entertainment	wifi	hostel_id	laundry_id	hostel_id		
Laundry	Laundry_id	service_name	weight	distance	price							
Feedback	Feedback_id	name	email	type	ratings	messagee						
Wifi	Wifi_id	speed	data	service_provider								
Educational Details	Edu_id	school	education_level	college	year	course	occupation	company				
Hostel Details	Hostel_id	Name	type(pg,hostel,fla)	phone_no.	email	add_id	city	state	pin	availability	address	
Occupant Health	Health_id	blood_group	allergies	medical_history	special_needs	weight	height	info id				
Payments	Payment_id	date	amount	bank_name	cvv	Upi	Account No	card_no	ifsc			
Meal	meal_id	name	email	mobile	mtype	time	customize	sdate				
Search	Hostel_id	Name	type(pg,hostel,fla)	phone_no.	email	add_id	city	state	pin	mess	wifi	laundry

Primary Key	
Foreign Key	
Unique	
Check	

Database description:

User table: The user table is the table where we store our login ids and passwords, we have a primary key on the user id which is an auto-increment column, all these columns are not null and values meaning values have to be entered in the entire column along with an auto-increment in the user id column

Personal info: This table contains the personal information of the students. the primary key being student id and foreign keys being address and info id both linked to the primary keys in the table above. I have implemented check constraints in the type column and unique constraints on email contact no and Aadhaar no as they are unique to each individual

Meal: The meal table defines the eatery options a student has to book a meal service based on the area it includes different columns like name, contact, etc with primary key being food id and also a unique value table in the contact column as the phone number is individual to each person.

Food: The food table is used to display the various cuisines and their dishes that are present in our tiffin service menu.

Cuisine: the cuisine table includes a primary key in the form of a cuisine id and a foreign key in terms of food id as it links to the food table. The cuisine table explains what cuisine the restaurant has and has a default value as no

Ameneties: the feature table is regarding the features of the hostel in question and all of these have yes, no columns and a default no constraint, the primary key is feature id and foreign key is hostel id.

Services: the feature table is regarding the features of the hostel in question and all of these have yes, no columns and a default no constraint, the primary key is service id and foreign key is hostel id as we linked it to the hostel table

Student education: Student education details are asked because we would like students to have roommates with similar educational backgrounds. Most of the values are not not-null and they have a foreign key linking it to a personal info table using the info id key. The primary key is the qualify_id.

Hostel details: The most important table containing all the records of the living accommodation we have. There is a check constraint to enter only specific values and also has a foreign key in the form of address id and the primary key being hostel id

Student health: the student health table is one of the few tables where I have not used not null constraint. Student health is also not a compulsory table and is only there to enhance the student experience. The table is linked to the personal info table with the foreign key and the primary key is the health id

Warden qualifications: the warden qualifications table is the table where we take the qualifications of the warden and it is linked to the personal table through foreign key info id. The warden details are also not not-null and is only for the information of the student

Payments: the payments table is where we store payment details of the user and it is linked to the personal info table through the foreign key info id. The primary key is the payment id.

Feedback: the feedback table is the table where we store the feedback information and its primary key is the feedback id, it is linked to the personal information table using the foreign key info id.

TABLES:

mysql> select * from meal;						
name	email	mobile	mtype	time	customize	sdate
Sejal	sejal@gmail.com	6345623789	Vegan	Breakfast	Make it spicy	NULL
Sejal	sejal@gmail.com	6345623789	Vegan	Breakfast	Make it spicy	12.09.2022
Riya	riya@gmail.in	9897213547	Vegetarian	Lunch	Dont add onion or garlic	20.05.2022
Aryaman	aryaman@gmail.com	9810995859	Non-Veg	Lunch	Spicy	12.08.2022
Sauriya	sauriya@gmail.com	9987656786	Veg	Dinner	Less Salt	11.03.2022
Albin	albin@gmail.com	9787564253	Vegan	Dinner	Plain	10.22.2022
Mark	mark@gmail.com	987656789	Veg	Breakfast	Dry	01.01.2022
Tom	tom@gmail.com	985643422	Veg	Dinner	Spicy	04.21.2022
Christ	chris@gmail.com	989878989	Veg	Lunch	Spicy	02.02.2022

cuisine	dish
North Indian	Chhole Bhature
North Indian	Pav Bhaji
North Indian	Dal- Makhani- Naan
North Indian	Shahi Panner - Naan
North Indian	Aloo Parantha
North Indian	Chicken Curry Rice
North Indian	Chicken Biryani
North Indian	Veg Thali
North Indian	Non Veg Thali
North Indian	Bhel Puri
North Indian	Rajma Rice
North Indian	Gajar Halwa
North Indian	Gulab Jamun
South Indian	Dosa
South Indian	Idli
South Indian	Rasam
South Indian	Uttapam
South Indian	Upma
South Indian	Banana chips
South Indian	Malabar parotta
South Indian	Appamsand ishtu

```
mysql> select * from hdetails;
+----+----+----+----+----+----+----+----+----+----+
| id | type | name | contact | email | city | state | pin | availability | warden_id | address |
+----+----+----+----+----+----+----+----+----+----+
| 1 | hostel | sejal | 9810999 | abc@gmail.com | test city | test state | 122002 | no | NULL | NULL |
| 4 | hostel | sejal | 9810999 | abc@gmail.com | test city | test state | 122002 | no | NULL | test address |
| 5 | hostel | sejalanora | 9810995985 | sejal.arora@science.christuniversity.in | Bengaluru | Karnataka | 122001 | yes | NULL | Serenity Hostels, SG Palya , Christ back gate. |
| 6 | Flat | Rentoro | 63972811 | rentoro@gmail.com | Bengaluru | Karnataka | 230081 | Yes | NULL | BTM Layout , Third Stage , Street 12. |
| 7 | Flat | Celebri Homes | 988765 | celebri@homes.com | Delhi | Delhi NCR | 780021 | Yes | NULL | Natvila Road, CP |
| 8 | PG | Mayami Homes | 9988165 | mayami@homes.com | Dehradun | Uttarakhand | 780021 | Yes | NULL | Rajpu Road |
| 9 | PG | Myroomie | 89796943 | myroomie@homes.com | Dehradun | Uttarakhand | 200081 | Yes | NULL | Vistara Chowk, MG Road |
| 10 | Pg | Zolo | 9284682 | info@zolo.com | Bengaluru | Karnataka | 560011 | Yes | NULL | shanti nagar, 2nd cross, #33 |
| 12 | pg | test | 123 | tees@test.com | test | test | 122002 | test | NULL | test |
+----+----+----+----+----+----+----+----+----+----+
9 rows in set (0.00 sec)
```

```
select * from search;
+----+----+----+----+----+----+----+----+----+----+
| type | name | contact | email | city | state | mess | wifi | laundry |
+----+----+----+----+----+----+----+----+----+
| PG | stanza | 7654565432 | info@stanza.com | Bengaluru | Karnataka | yes | yes | yes |
| PG | serenity | 7768665432 | info@serenity.com | Bengaluru | Karnataka | yes | yes | no |
| PG | serenity | 7768665432 | info@serenity.com | Bangalore | Karnataka | yes | yes | no |
| PG | Stanze | 7752978032 | info@stanza.com | Bangalore | Karnataka | yes | yes | yes |
| PG | SERENITY | 7768665432 | info@serenity.com | Bengaluru | Karnataka | yes | yes | no |
| PG | KISHORE PG | 7768665443 | info@kishore.com | Bengaluru | Karnataka | yes | yes | no |
| PG | PELAGIA | 7768444432 | info@pelagia.com | Bengaluru | Karnataka | yes | yes | no |
| PG | NEST PG | 9768665432 | info@nest.com | Bengaluru | Karnataka | yes | yes | no |
| RENTED FLAT | JOSE | 9968665432 | info@jose.com | Bengaluru | Karnataka | no | no | no |
| PG | NEST PG | 9768665432 | info@nest.com | Bengaluru | Karnataka | no | yes | no |
| FLAT | PELAGIA | 7768444432 | info@pelagia.com | Bengaluru | Karnataka | no | no | no |
| HOSTEL | KISHORE HOSTELS | 7768665443 | info@kishore.com | Bengaluru | Karnataka | yes | yes | no |
| RENTED FLAT | PELAGIA | 7768444432 | info@pelagia.com | Bengaluru | Karnataka | no | no | no |
| PG | IMPERIAL | 8168665432 | info@imperial.com | Delhi | Delhi | yes | yes | no |
| HOSTEL | RADHAKRUSHNA | 6533665432 | info@radhakrushna.com | Delhi | Delhi | yes | yes | no |
+----+----+----+----+----+----+----+----+----+
```

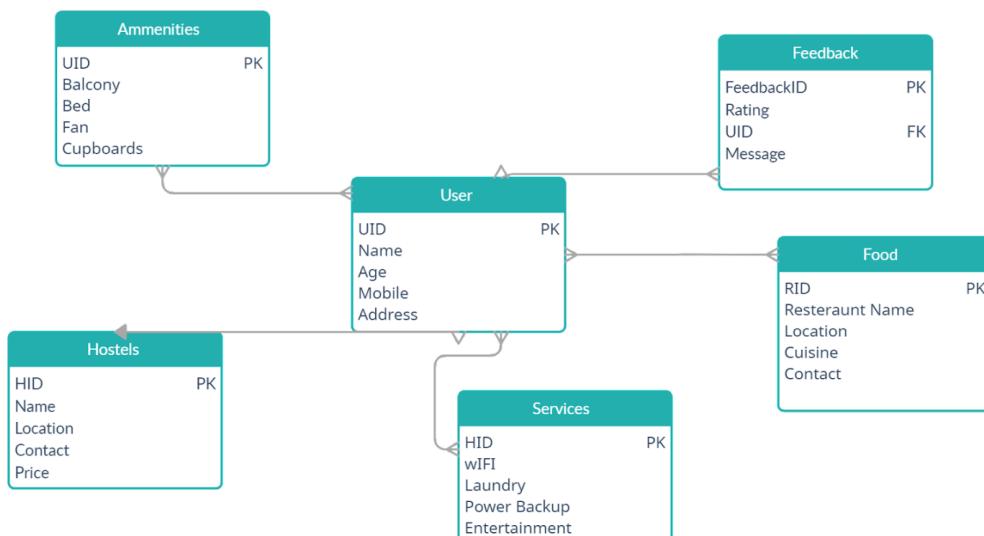
```
mysql> select * from FEEDBACK;
+----+----+----+----+----+----+
| id | name | type | email | rating | messagee |
+----+----+----+----+----+----+
| 1 | Ss | Hostel | ss@gmail.in | 3 | Good |
| 2 | Sejal | Flat | sejal.arora@science.christuniversity.in | 9 | Nice Experience |
| 3 | mathew | Hostel | mathew@gmail.in | 3 | Good |
| 4 | mark | Hostel | mark@gmail.in | 5 | Excellent place of stay and lovely recommendation given to me. |
| 5 | Luke | Hostel | luke@gmail.in | 4 | Easy to use website and well thought out |
| 6 | John | Hostel | John@gmail.in | 2 | Bad |
| 7 | Acts | Hostel | Acts@gmail.in | 1 | Good |
| 8 | Romans | Hostel | Romans@gmail.in | 3 | Good |
| 9 | corinthians | PG | corinthians@gmail.in | 5 | Excellent |
| 10 | Galatians | PG | Galatians@gmail.in | 3 | Good |
| 11 | Galatians | PG | Galatians@gmail.in | 3 | Good |
| 12 | Galatians | PG | Galatians@gmail.in | 3 | Good |
| 13 | John | Hostel | John@gmail.in | 2 | Bad |
| 14 | Acts | Hostel | Acts@gmail.in | 1 | Good |
| 15 | Romans | Hostel | Romans@gmail.in | 3 | Good |
| 16 | corinthians | PG | corinthians@gmail.in | 5 | Excellent |
+----+----+----+----+----+
```

```
mysql> select * from personal_info;
+----+----+----+----+----+----+----+----+----+----+----+----+----+----+----+
| id | name | contact | email | age | type | aadhar | gender | address | city | pin | state | user_id |
+----+----+----+----+----+----+----+----+----+----+----+----+----+
| 1 | sejal | 9810999 | abc@gmail.com | 20 | student | 65656 | Male | test address | test city | 122002 | test state | 1 |
| 2 | raj | 657575 | sejal.arora@science.christuniversity.in | 20 | employee | 1121221 | Male | Serenity Hostels, SG Palya , Christ back gate. | Bengaluru | 122002 | Karnataka | 2 |
| 4 | Astha Singh | 88776556 | astha@singh.in | 19 | Student | 234587611 | Female | BTM Layout, 1st stage | Bengaluru | 560011 | Karnataka | 3 |
| 7 | Aryann | 981918 | raj@gmail.com | 20 | Student | 845437 | Male | D39 | Gurgaon | 122002 | Haryana | 3 |
| 9 | simon | 98765985 | simon@gmail.com | 19 | student | 56787 | male | sg palya | bangalore | 500031 | karnataka | 4 |
| 10 | theodore | 98321235 | theodore@gmail.com | 20 | student | 532187 | male | sg palya | bangalore | 560029 | karnataka | 5 |
| 12 | alvin | 98761235 | alvin@gmail.com | 21 | student | 533212387 | male | sg palya | bangalore | 560029 | karnataka | 6 |
| 13 | thor | 98123235 | thor@gmail.com | 31 | employee | 538767487 | male | sun city | hyderabad | 500031 | telangana | 6 |
| 15 | odin | 45676235 | odin@gmail.com | 21 | student | 987767487 | male | sun city | hyderabad | 500031 | telangana | 6 |
| 18 | robert | 423267635 | robert@gmail.com | 23 | student | 923267487 | male | sun city | hyderabad | 500031 | telangana | 9 |
| 19 | downey | 9813635 | downey@gmail.com | 20 | student | 923267487 | male | sg palya | bangalore | 560029 | Karnataka | 10 |
| 20 | tony | 12345635 | tony@gmail.com | 25 | employee | 280066 | male | sg palya | bangalore | 560029 | Karnataka | 10 |
| 21 | natasha | 985435635 | nat@gmail.com | 19 | student | 8765066 | female | sg palya | bangalore | 560029 | Karnataka | 10 |
| 22 | clint | 92789999 | clint@gmail.com | 35 | employee | 727272 | male | koramangala | bangalore | 560029 | Karnataka | 10 |
+----+----+----+----+----+----+----+----+----+----+----+----+
```

user_id	username	password
1	Sauriya Nalli	nalli123
2	Sejal arora	arora123
3	Rudrangshu Tripathi	tripathi123
4	test1	test2
5	2041159	sejal123
6	yeswedidit	stopcrying
8	test1	test2
9	test1	test2
10	test1	test2
11	test1	test2
12	hello	hello
13	deko	sejal
14	i hate	you
16	20411599	sejal123II

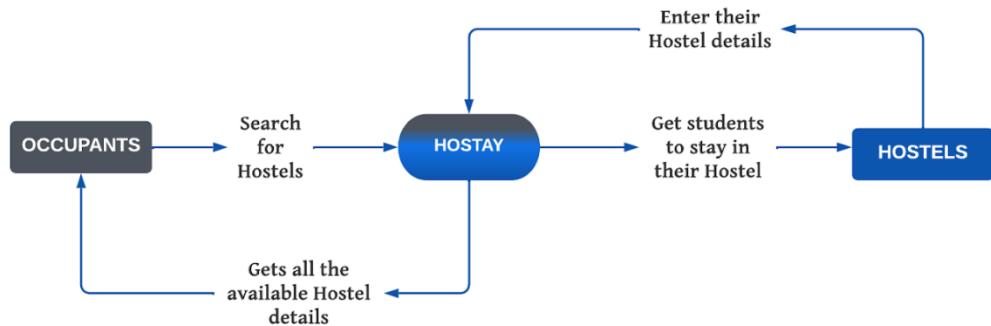
```
mysql> select * from payment;
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| payment_id | info_id | bank_name | date | amount | upi_id | acc_number | ifsc | cvv | card_no |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| 1 | NULL | pnb | 2002-11-11 | 10000 | 9897654321@paytm | 777888555566 | 663327 | 778 | AR34211 |
| 2 | NULL | NULL | 2002-11-11 | 123 | 123 | NULL | NULL | NULL | NULL |
| 3 | NULL | NULL | 2002-11-11 | 333 | 333 | NULL | NULL | NULL | NULL |
| 4 | NULL | NULL | 2002-11-11 | 444 | 444 | NULL | NULL | NULL | NULL |
| 5 | NULL | NULL | 2002-11-11 | 444 | 444 | NULL | NULL | NULL | NULL |
| 6 | NULL | NULL | 2005-12-12 | 100 | testupi | NULL | NULL | NULL | NULL |
| 7 | NULL | sejalbank | 2005-12-12 | 200 | NULL | 12345 | 12345 | NULL | NULL |
| 8 | NULL | aa | 2005-12-12 | 1234 | NULL | 12 | 12 | NULL | NULL |
| 9 | NULL | HDFC | 2020-12-12 | 15000 | NULL | 72647267246 | 6466436 | NULL | NULL |
| 10 | NULL | NULL | 2020-12-12 | 15000 | testupi | NULL | NULL | NULL | NULL |
| 11 | NULL | sbi | 2022-02-01 | 178990 | NULL | 7264726889 | 556 | NULL | NULL |
| 12 | NULL | NULL | 2022-02-01 | 178990 | NULL | NULL | NULL | 666 | SSE32456 |
| 13 | NULL | NULL | 2022-02-01 | 178990 | NULL | NULL | NULL | 666 | SSE32456 |
| 14 | NULL | NULL | 2022-02-01 | 17800 | NULL | NULL | NULL | 999 | SSE32456 |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
14 rows in set (0.00 sec)
```

3.3 ER DIAGRAM

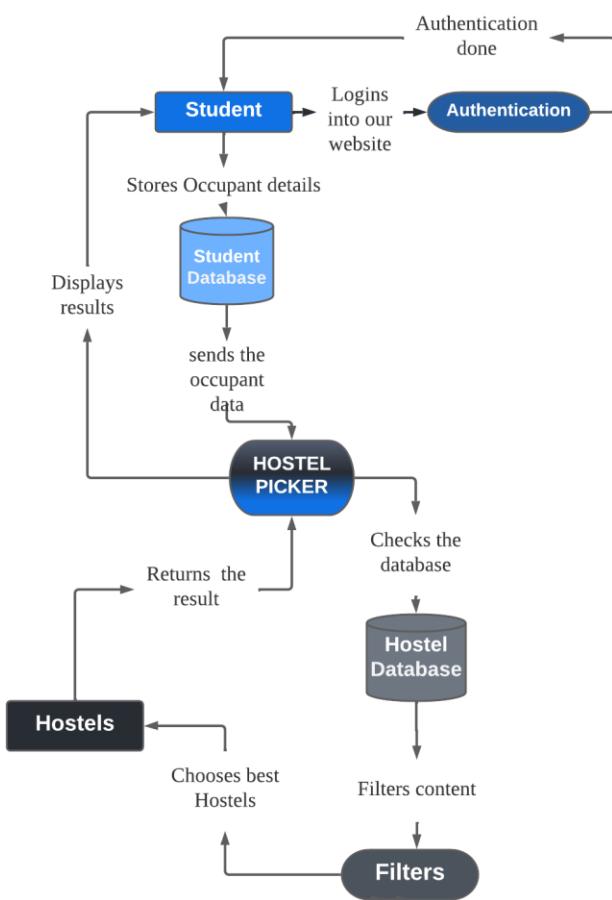


3.4 DATA FLOW DIAGRAM

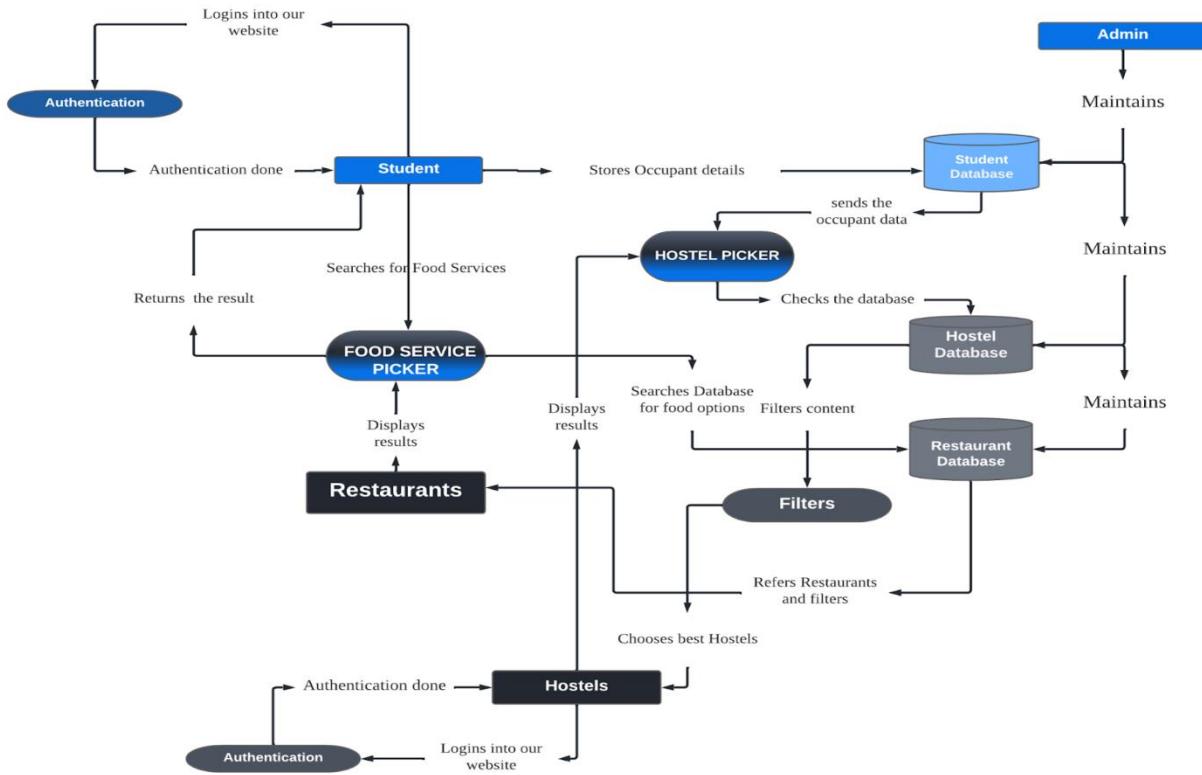
Level 0 Diagram:



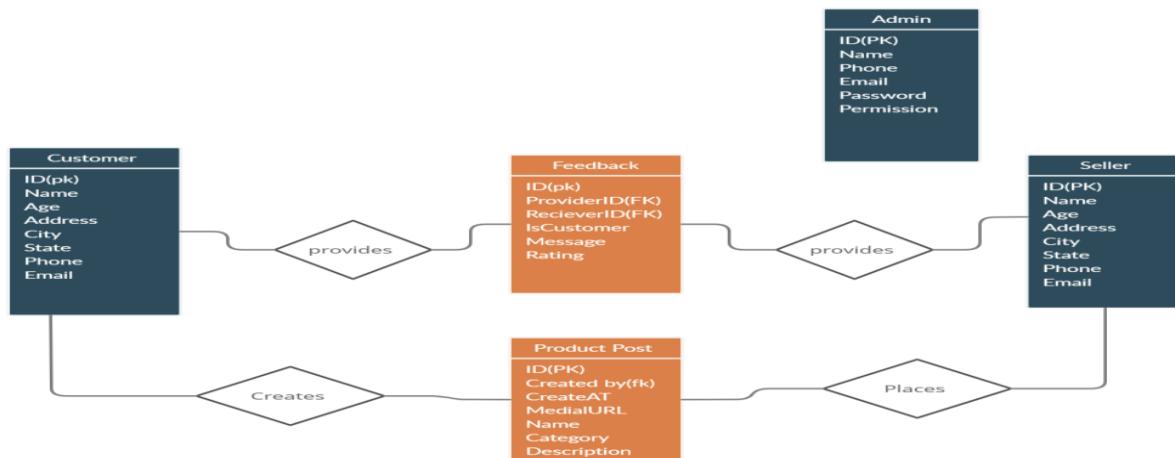
Level 1 Diagram:



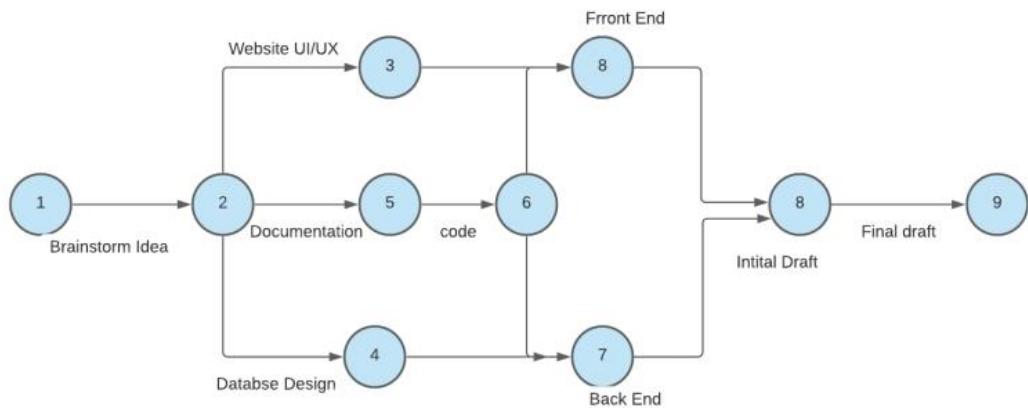
Level 2 Diagram:



3.4 USER CASE STUDY



3.5 PERT CHART



3.6 GANTT CHART

Task	Assigned To	Start	End	Dur	Jan	Feb	Mar	Apr
Project Hostay	Team 17	04-01-2022	15-04-2022	73				
1 Documentation	Team 17	04-01-2022	15-04-2022	73				
1.1 Idea Finalization	Team 17	04-01-2022	04-01-2022	1				
1.2 Synopsis	Team 17	22-01-2022	22-01-2022	1				
1.3 Final Documentation	Team 17	22-01-2022	24-01-2022	2				
2 Database Definition								
2.1 Creation of Database	Rudrangshu Tripathy	01-02-2022	31-02-2022	30				
2.2 Populating it with base Data	Rudrangshu Tripathy	01-02-2022	31-02-2022	30				
3 Back End								
3.1 Implementing Authentication	Sauriya Nalli	01-03-2022	31-03-2022	30				
3.2 Implementing Customer Module	Sauriya Nalli	01-03-2022	31-03-2022	30				
3.3 Implementing Seller Module	Sauriya Nalli	01-03-2022	31-03-2022	30				
3.4 Implementing Post Module	Sejal Arora	01-03-2022	31-03-2022	30				
3.5 Implementing Recommendation System	Sejal Arora	01-03-2022	31-03-2022	30				
3.6 Implementing Search Module	Sejal Arora	01-03-2022	31-03-2022	30				
3.7 Implementing Feedback System	Sejal Arora	01-03-2022	31-03-2022	30				
4								
4.1 Designing Frontend UI	Rudrangshu Tripathy, Sauriya Nalli, Sejal Arora	01-04-2022	31-04-2022	30				
4.2 Coding Front End	Rudrangshu Tripathy, Sauriya Nalli, Sejal Arora	02-04-2022	31-04-2022	29				
4.3 Solving Customer Issues	Rudrangshu Tripathy, Sauriya Nalli, Sejal Arora	03-04-2022	31-04-2022	28				

3.7 USER INTERFACE DESIGN

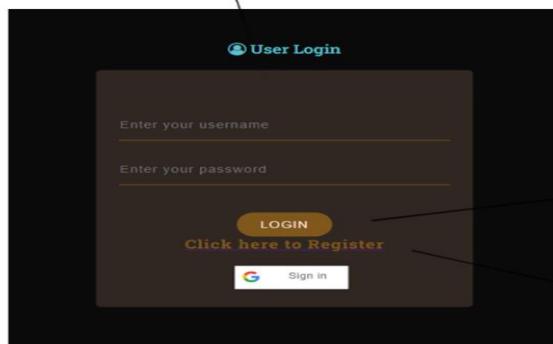


Navigation Bar

Type	Name	Contact	Email	City	State	Mess	Wif	Laundry
HOSTEL	RADHAKRUSHNA	9523065432	info@radhakrushna.com	Dels	Dels	yes	yes	no
HOSTEL	SREE SRINIVASA	4568905427	info@sreesrinivasa.com	Dels	Dels	yes	yes	no
HOSTEL	LUKE	9456789075	info@luke.com	Dels	Dels	yes	yes	no
HOSTEL	JOHN	9676543456	info@john.com	Dels	Dels	yes	yes	no

Table to display details from database

User Login



Login here after entering details

Sign Up if you dont have an Account

Choose Meal according to Cuisine

HOSTAY

This Week's Special Meal Offers

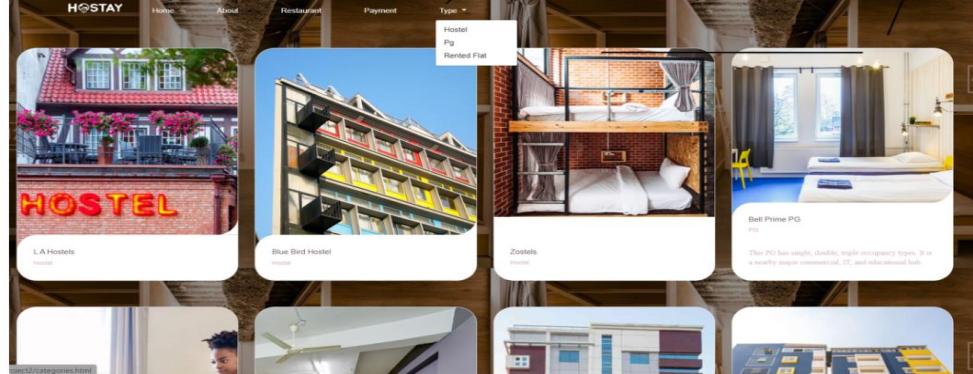
Cuisines: North Indian, South Indian, Chinese, Italian

Breakfast	Lunch	Dinner
Fresh Chicken Salad Check our amazing breakfast range at affordable prices prepare by highly qualified chefs! Rs. 220	Eggs Omelette Check our amazing breakfast range at affordable prices prepare by highly qualified chefs! Rs. 120	
Fresh Orange Juice Check our amazing breakfast range at affordable prices prepare by highly qualified chefs! Rs. 80	Sambhar Dosa Check our amazing breakfast range at affordable prices prepare by highly qualified chefs! Rs. 150	
Parantha Check our amazing breakfast range at affordable prices prepare by highly qualified chefs. Rs. 85	Idli and Vada Check our amazing breakfast range at affordable prices prepare by chefs! Rs. 150	

Navigation Bar

Choose Meal according to Time

Navigation Bar



Click on the Accomodation to know more

Choose type of accomodation

Payment Gateway

The screenshot shows the payment gateway interface. It features a background image of a modern living room. On the right, there is a form titled 'Payment Gateway' with fields for 'Date' (with a placeholder 'Enter Date') and 'Amount' (with a placeholder 'Enter Amount'). Under 'Payment Method', there are three radio buttons: 'Bank Transfer', 'UPI', and 'Cards: Debit/Credit', with 'Cards: Debit/Credit' selected. Below that is a field for 'Card Number' (placeholder 'Enter your Card Number'), a field for 'CVV' (placeholder 'Enter your CVV'), and a large blue button labeled 'BOOK SECURLY'.

Choose Payment Method

Book Securly



HOME AWAY FROM HOME

Welcome to Hostay

As we know there are multiple hostels available everywhere however, there is no such medium to find them from a distant place or to search them online. We eliminate this issue and help all the students find the best hostel according to their comforts and needs. It not just provides the list of all the hostels available but also helps students and parents shortlist all the hostels according to their wish list.

The idea of Hostay is quite similar to how the websites or apps for booking the best suitable hotel or holiday destination work, but the idea behind Hostay is to find the best suitable Hostel, PG, or Flat and not a hotel. In other words, Hostay could be considered as a website for searching for a hostel in any city near any college, office, or place in India.

READ MORE

Our Facilities

These are some common facilities that every Hostel will provide. Some of these facilities are as follows:

- | | |
|-----------------------|-------------------------|
| Bed with Mattresses | Spacious Cupboards |
| Study Desk | Windows for ventilation |
| Dining Area | Washing Area |
| Common Appliance Area | Wifi Service |



HOME AWAY FROM HOME

SEE MORE

Categories



HOSTELS

₹6,13,000 /per month (approx.)



PGs

₹6,10,000 /per month (approx.)



Rented Flats

₹6,8,000 /per month (approx.)

What are you looking for?



AT THE HEART OF COMMUNICATION

People Say

I am very happy that finally there is a website that helps us find hostel online, it helped me find a Hostel of my choice, with my choice of services and that too at a very reasonable price. I highly recommend you all to try this website.



Nancy Joseph
Bangalore





Our Food Service

"Home away from Home" not just means an accommodation like Home but also a place where you get food like home. We have a variety of restaurant choices from where occupants can book a food service for their desired cuisine at a desired time they want. Some of those restaurants are:

Chinese Restaurant

Menu Includes : Noodles dishes, Fried Rice dishes, Seafood Dishes, Pork Dishes, Beef Dishes, Rolls, Poultry dishes, Dumplings and much more.

North Indian Restaurant

South Indian Restaurant

Italian Restaurant

[VIEW MORE](#)

What are you looking for?

WELCOME TO OUR PHOTO GALLERY

Photo Gallery of Our Hostels

[VIEW GALLERY](#)





Accepted payment methods



For Customers

[About Hostay](#)
[Customer Care/Help](#)
[Corporate Accounts](#)
[Financial Information](#)

Terms & Conditions

Contact Us

[www.hostay.in](#)
hostayhelp@gmail.com
9876543210
8979695940

OR

What are you looking for?



IMPLEMENTATION

4.1 SOURCE CODE

Index/Home Page (the main website):

```
<body>
  <header class="header" id="navigation-menu">
    <div class="container">
      <nav>
        <a href="#" class="logo">  </a>

        <div class="nav-menu">
          <ul>
            <li> <a href="#home" class="nav-link">Home</a> </li>
            <li> <a href="#about" class="nav-link">About</a> </li>
            <li> <a href="#restaurant" class="nav-link">Restaurant</a> </li>
```

```

<li> <a href="paymentgatawy.html" class="nav-link">Payment</a> </li>
<li> <a href="#contact" class="nav-link">Contact</a> </li>
<li> <a href="form.html" class="na-link">JoinUs</a> </li>
<li> <a href="feedback.html" class="na-link">Feedback</a> </li>
<li> <a href="login.html"><button>LOGIN</button></a></li>
</ul>
</div>
<div class="hambuger">
    <span class="bar"></span>
    <span class="bar"></span>
    <span class="bar"></span>
</div>
</nav>
</div>
</header>
<script>
    const hambuger = document.querySelector('.hambuger');
    const navMenu = document.querySelector('.nav-menu');

    hambuger.addEventListener("click", mobileMenu);

    function mobileMenu() {
        hambuger.classList.toggle("active");
        navMenu.classList.toggle("active");
    }

    const navLink = document.querySelectorAll('.nav-link');
    navLink.forEach((n) => n.addEventListener("click", closeMenu));

    function closeMenu() {
        hambuger.classList.remove("active");
        navMenu.classList.remove("active");
    }
</script>

<section class="home" id="home">
    <div class="head_container">
        <div class="box">
            <div class="text">
                <h1>Home Away From Home.</h1>
                <p>A place where you can look for accomodation of your choice, get a place with facilities and services you require and book it instantly from any place in the world. You can even add on extra services like food, laundry, wifi to your package.</p>

```

```

        </div>
    </div>
    <div class="image">
        
    </div>
    <div class="image_item">
        
        
        
        
    </div>
</div>
</section>
<script>
    function img(anything) {
        document.querySelector('.slide').src = anything;
    }

    function change(change) {
        const line = document.querySelector('.image');
        line.style.background = change;
    }
</script>
<form action="search.php" method="post">
<section class="book">
    <div class="container flex">
        <div class="input grid">
            <div class="box">
                <label>Start Date:</label>
                <input type="date" placeholder="Date ">
            </div>
            <div class="box">
                <label> Type:</label> <br>
                <select name="type" id="type" placeholder="Hostel /PG /Rented Flat"
margin-top: 20px;">
                    <option value="H">Hostel /PG /Rented Flat</option>
                    <option value="PG">PG</option>
                    <option value="HOSTEL">HOSTEL</option>
                    <option value="RENTED FLAT">RENTED FLAT</option>
                </select>
                <!-- <input type="search" placeholder="Hostel /PG /Rented Flat"> -->
            </div>
            <div class="box">
                <label>City:</label> <br>

```

```

<div style="padding-top: 20px;">
    <select name="city" id="type" value="Enter City"
        style="height: 50px; width: 300px; background-color: #644127; color: rgb(224, 196, 162);">
        <option value="EnterCity">Enter City</option>
        <option value="Bengaluru">Bengaluru</option>
        <option value="Dehradun">Dehradun</option>
        <option value="Delhi">Delhi</option>
        <option value="Pune">Pune</option>
        <option value="Kolkata">Kolkata</option>
        <option value="Kota">Kota</option>
        <option value="Mumbai">Mumbai</option>
        <option value="Gurgaon">Gurgaon</option>
        <option value="Kerela">Kerela</option>
        <option value="Tamil Nadu">Tamil Nadu</option>
        <option value="Noida">Noida</option>
        <option value="Lucknow">Lucknow</option>
        <option value="Jaipur">Jaipur</option>
    </select>
    <!-- <input type="search" placeholder="Enter City"> -->

</div>
</div>
<div class="box">
    <label>Area:</label> <br>
    <input type="search" placeholder="Enter Area">
</div>

</div>
<div class="search">
    <a href="search.php"><input type="submit" value="SEARCH"></a>
</div>
</div>
</section>
</form>
<section class="about top" id="about">
    <div class="container flex">
        <div class="left">
            <div class="img">
                
                
            </div>
        </div>
        <div class="right">
            <div class="heading">
                <h5>HOME AWAY FROM HOME</h5>

```

```
<h2>Welcome to Hostay</h2>
<p> As we know there are multiple hostels available everywhere however, there is no such medium to find them
<a href="Aboutus.html"><button class="btn1">READ MORE</button></a>
</div>
</div>
</div>
</section>
<a href="Services.html">
<section class="wrapper top" style="background-image: url('image/ami.jpg');">
<div class="container">
<div class="text">
<h2>Our Facilities</h2>
<p>These are some common facilities that every Hostel will provide. Some of these facilities are as follows:
</p>
<div class="content">
<div class="box flex">
<i class="fas fa-bed"></i>
<span>Bed with Mattresses</span>
</div>
<div class="box flex">
<i class="fas fa-box"></i>
<span>Spacious Cupboards</span>
</div>
<div class="box flex">
<i class="fas fa-chair"></i>
<span>Study Desk</span>
</div>
<div class="box flex">
<i class="fas fa-table"></i>
<span>Windows for ventilation</span>
</div>
<div class="box flex">
<i class="fas fa-hamburger"></i>
<span>Dining Area</span>
</div>
<div class="box flex">
<i class="fas fa-water"></i>
<span>Washing Area</span>
</div>
<div class="box flex">
<i class="fas fa-tv"></i>
<span>Common Appliance Area</span>
</div>
</div>
</section>
</a>
```

```

        <div class="box flex" >
            <i class="fas fa-wifi"></i>
            <span>Wifi Service</span>
        </div>
    </div>
</div>
</section>
</a>
<section class="room top" id="room" >
    <div class="container" >
        <div class="heading_top flex1" >
            <div class="heading" >
                <h5>HOME AWAY FROM HOME</h5>
                <h2>Categories</h2>
            </div>
            <div class="button" >
                <a href="categories.html" >
                    <button class="btn1">SEE MORE</button>
                </a>
            </div>
        </div>
    </div>
<a href = "hostels.html" >
    <div class="content grid" >
        <div class="box" >
            <div class="hostel1" >
                <div class="img" >
                    <div class="card" >
                        
                    </div>
                </div>
                <h3>HOSTELS</h3>
                <p> <span>Rs.</span><span>13,000 <span>/per month (approx.)</span> </p>
            </div>
        </div>
    </a>
<a href = "pg.html" >
    <div class="box" >
        <div class="img" >
            
        </div>
        <div class="text" >
            <h3>PGs</h3>
            <p> <span>Rs.</span><span>10,000 <span>/per month (approx.)</span> </p>
        </div>
    </div>

```

```

        </div>
    </a>
    <a href ="flat.html">
        <div class="box">
            <div class="img">
                
            </div>
            <div class="text">
                <h3>Rented Flats</h3>
                <p> <span>Rs.</span>8,000 <span>/per month (approx.)</span> </p>
            </div>
        </div>
    </a>
    </div>
</div>
</section>
<section class="wrapper wrapper2 top" style="background-image: url('image/w1.jpg');">
    <div class="container">
        <div class="text">
            <div class="heading">
                <h5>AT THE HEART OF COMMUNICATION</h5>
                <h2>People Say</h2>
            </div>

            <div class="para">
                <p> I am very happy that finally there is a website that helps us find hostel online, it helped me find a Hostel of my choice, with my choice of services and that too at a very reasonable price. I highly recommend you all to try this website. </p>
            <div class="box flex">
                <div class="img">
                    
                </div>
                <div class="name">
                    <h5>Nancy Joseph</h5>
                    <h5>Banglore</h5>
                </div>
            </div>
        </div>
    </div>
    <i class="fa fa-star"></i>
    <i class="fa fa-star"></i>
    <i class="fa fa-star"></i>

```

```

<i class="fa fa-star"></i>
<i class="fa fa-star-half-o"></i>

</div>
</section>

<section class="restaurant top" id="restaurant">
<div class="container flex">
<div class="left">

</div>

<div class="right">
<div class="text">

    <h2>Our Food Service</h2>
    <p> "Home away from Home" not just means an accomodation like Home but also a place where you get food like:
    </div>
    <div class="accordionWrapper">
        <div class="accordionItem open">
            <h2 class="accordionIHeading">Chinese Restaurant</h2>
            <div class="accordionItemContent">
                <p> Menu Includes : Noodles dishes, Fried Rice dishes, Seafood Dishes, Pork Dishes, Beef Dishes, Rolls, Poultry dishes, Dumplings and much more. </p>
            </div>
        </div>
        <div class="accordionItem close">
            <h2 class="accordionIHeading">North Indian Restaurant</h2>
            <div class="accordionItemContent">
                <p>Menu Includes : Chhole Bhature, Dal- Bati Churma, Chaat, Breads, Thali combos, Biryani, Paranthas, Poha and much more. </p>
            </div>
        </div>
        <div class="accordionItem close">
            <h2 class="accordionIHeading">South Indian Restaurant</h2>
            <div class="accordionItemContent">
                <p>Menu Includes : Dosa, Idli, Sambhar, Rassam, Upma, Uttapam, Vada, Kulambu, Curd Rice, Appam, Puttu, Bonda and much more.</p>
            </div>
        </div>
    </div>
</div>

```

```

<div class="accordionItem close">
    <h2 class="accordionIHeading">Italian Restaurant</h2>
    <div class="accordionItemContent">
        <p>Menu Includes : Bolognese, Pizza, Pasta, Spaghetti, Lasagna, Gnocchi, Ravioli, Ricci De
Mare,
        Bruschette and much more. </p>
    </div>
</div>
</div>

<div class="button">
    <a href="#"><button class="btn1">VIEW MORE</button></a>
</div>
</div>
</div>
</section>
<script>
    var accItem = document.getElementsByClassName('accordionItem');
    var accHD = document.getElementsByClassName('accordionIHeading');

    for (i = 0; i < accHD.length; i++) {
        accHD[i].addEventListener('click', toggleItem, false);
    }

    function toggleItem() {
        var itemClass = this.parentNode.className;
        for (var i = 0; i < accItem.length; i++) {
            accItem[i].className = 'accordionItem close';
        }
        if (itemClass == 'accordionItem close') {
            this.parentNode.className = 'accordionItem open';
        }
    }
</script>

<section class="gallary mtop" id="gallary">
    <div class="container">
        <div class="heading_top flex1">
            <div class="heading">
                <h5>WELCOME TO OUR PHOTO GALLERY</h5>
                <h2>Photo Gallery of Our Hostels</h2>
            </div>
            <div class="button">

```

```

        <button class="btn1">VIEW GALLERY</button>
    </div>
</div>

<div class="owl-carousel owl-theme">
    <div class="image_item">
        
    </div>
    <div class="item">
        
    </div>
</div>

</div>
</section>

<script src="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/owl.carousel.js"
integrity="sha512-gY25nC63ddE0LcLPhxUJGFxa2GoIyA5FLym4UJqHDEMHjp8RET6Zn/SHo1s1tt3WuVtqfyxECP38/dalUc/WVEA==">
    crossorigin="anonymous" referrerPolicy="no-referrer"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/owl.carousel.min.js"
integrity="sha512-bPs7Ae6pVvhOSiIcyUCLR7/q20AsRiovw4vAkX+zJbw3ShAeeqeZq50RIIClURq70a20rW2n2q+fyXBNCU9lrw==">
    crossorigin="anonymous" referrerPolicy="no-referrer"></script>
<script>
```

```

$('.owl-carousel').owlCarousel({
    loop: true,
    margin: 10,
    nav: true,
    dots: false,
    navText: ["<i class='fas fa-chevron-left'></i>", "<i class='fas fa-chevron-right'></i>"],
    responsive: {
        0: {
            items: 1
        },
        768: {
            items: 2
        },
        1000: {
            items: 4
        }
    }
})
</script>

<section class="map top">
    <iframe
src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d3888.5559604072137!2d77.60400011461161!3d12.936236190879054!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x3bae15b277a93807%3A0x88518f37b39dabd0!2sCrist%20(Deemed%20to%20be%20University)!5e0!3m2!1sen!2sin!4v1652082118785!5m2!1sen!2sin"
width="600" height="450" style="border:0;" allowfullscreen="" loading="lazy" referrerPolicy="no-referrer-when-downgrade"></iframe>
</section>

<footer>
    <div class="container grid top">
        <div class="box">
            
            <p> </p>
            <a href="Paymentgatawy.html">
                <p>Accepted payment methods</p>
                <div class="payment grid">
                    
                    
                    
                </div>
            </a>
        </div>
    </div>
</footer>

```

```

</div>
</a>
</div>

<div class="box">

</ul>-->
</div>

<div class="box">
<h3>For Customers</h3>
<ul>
<a href="Aboutus.html">
<li>About Hostay</li>
</a>
<li>Customer Care/Help</li>
<li>Corporate Accounts</li>
<li>Financial Information</li>
<li>Terms & Conditions</li>
</ul>
</div>

<div class="box" id="contact">
<h3>Contact Us</h3>

<ul>
<a href="index.html">
<li>www.hostay.in </li>
</a>
<li><i class="far fa-envelope"></i><a href="mailto:sejalarora230802@gmail.com">
hostayhelp@gmail.com </a>
</li>
<li><i class="far fa-phone-alt"></i> 9876543210 </li>
<li><i class="far fa-phone-alt"></i>8979695940 </li>
<li><i class="far fa-comments"></i> 24/ 7 Customer Services </li>
</ul>
</div>
</div>
</footer>
</body>

</html>
```

Categories Page: (Similar to hostel.html, pg.html & flat.html)

```
<ul class="cards">
  <li>
    <a href="" class="card">
      
      <div class="card__overlay">
        <div class="card__header">
          <svg class="card__arc" xmlns="http://www.w3.org/2000/svg"><path
/></svg>
          <div class="card__header-text">
            <h3 class="card__title">L A Hostels</h3>
            <span class="card__status">Hostel</span>
          </div>
        </div>
        <p class="card__description">A new city can sometimes feel too new, right? New people, new streets, even new languages. In times like these, wouldnt it be nice to have a place to stay that feels like home?</p>
      </div>
    </a>
  </li>
  <li>
    <a href="" class="card">
      
      <div class="card__overlay">
        <div class="card__header">
          <svg class="card__arc" xmlns="http://www.w3.org/2000/svg"><path /></svg>
          <div class="card__header-text">
            <h3 class="card__title">Blue Bird Hostel</h3>
            <span class="card__status">Hostel</span>
          </div>
        </div>
        <p class="card__description">A place designed by people who've been in your shoes. From the thickness of the mattress to the foosball table in the common area, you'll feel that care in every nook and corner of the house.</p>
      </div>
    </a>
  </li>
  <li>
    <a href="" class="card">
      
      <div class="card__overlay">
        <div class="card__header">
          <svg class="card__arc" xmlns="http://www.w3.org/2000/svg"><path
/></svg>
```

```
<div class="card__header-text">
    <h3 class="card__title">Zostels</h3>
    <span class="card__status">Hostel</span>
</div>
</div>
<p class="card__description">Zostel Bangalore in Bangalore provides adults-only accommodation with a shared lounge and a garden. </p>
</div>
</a>
</li>
<li>
    <a href="" class="card">
        
        <div class="card__overlay">
            <div class="card__header">
                <svg class="card__arc" xmlns="http://www.w3.org/2000/svg"><path /></svg>
                <div class="card__header-text">
                    <h3 class="card__title">Bell Prime PG</h3>
                    <span class="card__status">PG</span>
                </div>
            </div>
            <p class="card__description">This PG has single, double, triple occupancy types. It is a nearby major commercial, IT, and educational hub. </p>
        </div>
        </a>
    </li>
</ul>
<ul class="cards">
    <li>
        <a href="" class="card">
            
            <div class="card__overlay">
                <div class="card__header">
                    <svg class="card__arc" xmlns="http://www.w3.org/2000/svg"><path
/></svg>
                <div class="card__header-text">
                    <h3 class="card__title">Hibernest PG</h3>
                    <span class="card__status">PG</span>
                </div>
            </div>
            <p class="card__description"> The facilities and support offered by our staff are top class as we aim to make you feel as comfortable as possible while you focus on doing your best at college.</p>
        </div>
        </a>
    </li>
```

```
<li>
```

Search Page: (Displays result of Hostels)

```
<table style="border:1px solid white; margin-left:auto; margin-right:auto; color: white; margin-top: 50px; margin-bottom: 100px" cellpadding="17">
    <thead>
        <tr>
            <th style="border: 1px solid white; color: white; width: ; text-align: center;"><b>Type</b></th>
            <th style="border: 1px solid white; color: white; width: ; text-align: center;"><b>Name</b></th>
            <th style="border: 1px solid white; color: white; width: ; text-align: center;"><b>Contact</b></th>
            <th style="border: 1px solid white; color: white; width: ; text-align: center;"><b>Email</b></th>
            <th style="border: 1px solid white; color: white; width: ; text-align: center;"><b>City</b></th>
            <th style="border: 1px solid white; color: white; width: ; text-align: center;"><b>State</b></th>
            <th style="border: 1px solid white; color: white; width: ; text-align: center;"><b>Mess</b></th>
            <th style="border: 1px solid white; color: white; width: ; text-align: center;"><b>Wifi</b></th>
            <th style="border: 1px solid white; color: white; width: ; text-align: center;"><b>Laundary</b></th>
        </tr>
    </thead>
    <tbody>

        <?php

            $type = $_POST[ "type" ];
            $city = $_POST[ "city" ];
            $conn = new mysqli("localhost", "root", "sejal", "hostay");
//Id, BusinessName, Email, ContactNo, Designation, Availability, WorkingHours, Salary, Required_Qual, JobDesc
            $sql1 = "SELECT * from search Where UPPER(type) LIKE UPPER('$type') AND UPPER(city) LIKE UPPER('$city')";
            $result = $conn->query($sql1);
            if($result==TRUE){
                echo 'CHECKEHC';
            }

            if ($result->num_rows > 0)
            {
                while ($row = $result->fetch_assoc())
                {

                    echo "<tr>
```

```

        <td style="border: 1px solid white; color: white; width: 130px; text-align: center;">
. $row[ "type" ] . "</td>
        <td style="border: 1px solid white; color: white; width: 160x; text-align: center;"><b> . $row[ "name" ] . "</b></td>
        <td style="border: 1px solid white; color: white; width: 130px; text-align: center;">
. $row[ "contact" ] . "</td>
        <td style="border: 1px solid white; color: white; width: 130px; text-align: center;">
. $row[ "email" ] . "</td>
        <td style="border: 1px solid white; color: white; width: 130px; text-align: center;">
. $row[ "city" ] . "</td>
        <td style="border: 1px solid white; color: white; width: 130px; text-align: center;">
. $row[ "state" ] . "</td>
        <td style="border: 1px solid white; color: white; width: 130px; text-align: center;">
. $row[ "mess" ] . "</td>
        <td style="border: 1px solid white; color: white; width: 130px; text-align: center;">
. $row[ "wifi" ] . "</td>
        <td style="border: 1px solid white; color: white; width: 200px; text-align: center;">
. $row[ "laundry" ] . "</td>
</tr>

        ";
    }
}

?>
</tbody>
</table>
</body>

</html>
```

Payments Page: (3 payment options to choose from: Bank Transfer, Card, UPI)

```

<div class="payment-info" method = "post">
    <h3>Payment Gateway</h3>
    <form action = "payment.php" method = "post">
        <label style=" color: darkblue;"><b>Date:</b></label>
        <input type="text" name="date" placeholder="Enter Date">
        <label style="color: darkblue;"><b>Amount:</b></label>
        <input type="text" name="amount" placeholder="Enter Amount">
        <label style="margin-bottom: 0.5rem; color: darkblue;"><b>Payment Method:</b></label>
```

```

        <label style="margin-bottom: 0.5rem;"><input type="radio" name="Payment" value="Bank Transfer" onclick="event1()"> Bank Transfer</label>
        <label style="margin-bottom: 0.5rem;"><input type="radio" name="Payment" value="UPI" onclick="event2()"> UPI</label>
        <label style="margin-bottom: 0.5rem;"><input type="radio" name="Payment" value="Cards: Debit/Credit" onclick="event3()"> Cards: Debit/Credit</label>
        <b><label id="label1"></label></b>
        <input class="btn" type="submit" value="Book Securly" style="background-color : #C1B086">
    </form>
</div>
</div>
</body>

<script>

function event1(){
    document.getElementById("label1").innerHTML = "<label style=\" color: darkblue;\">Name of Bank:</label><input type=\"text\" name=\"bank_name\" placeholder=\"Enter your Bank Name\"><label style=\" color: darkblue;\">Account Number:</label><input type=\"text\" name=\"acc_no\" placeholder=\"Enter your Account Number\"><label style=\" color: darkblue;\">IFSC Code:</label><input type=\"text\" name=\"ifsc\" placeholder=\"Enter your IFSC Code\">"
}

function event2(){
    document.getElementById("label1").innerHTML = "<label style=\" color: darkblue;\">UPI ID:</label><input type=\"text\" name=\"upi\" placeholder=\"Enter your UPI ID\">"
}

function event3(){
    document.getElementById("label1").innerHTML = "<label style=\" color: darkblue;\">Card Number:</label><input type=\"text\" name=\"card_no\" placeholder=\"Enter your Card Number\"><label style=\" color: darkblue;\">CVV:</label><input type=\"text\" name=\"cvv\" placeholder=\"Enter your CVV\">"
}
</script>
<div class="nav-menu">
    <ul>
        <li> <a href="#home" class="nav-link"></a> </li>
        <li> <a href="#about" class="nav-link"></a> </li>
        <li> <a href="#restaurant" class="nav-link"></a> </li>
        <li> <a href="paymentgatawy.html" class="nav-link"></a> </li>
        <li> <a href="#contact" class="nav-link"></a> </li>
        <li> <a href="form.html" class="nav-link"></a> </li>
    </ul>
</div>

```

```

<div class="hambuger">
    <span class="bar"></span>
    <span class="bar"></span>
    <span class="bar"></span>
</div>
</nav>
</div>
</header>
<script>
    const hambuger = document.querySelector('.hambuger');
    const navMenu = document.querySelector('.nav-menu');

    hambuger.addEventListener("click", mobileMenu);

    function mobileMenu() {
        hambuger.classList.toggle("active");
        navMenu.classList.toggle("active");
    }

    const navLink = document.querySelectorAll('.nav-link');
    navLink.forEach((n) => n.addEventListener("click", closeMenu));

    function closeMenu() {
        hambuger.classList.remove("active");
        navMenu.classList.remove("active");
    }
</script>

```

Login Page: (has a link to registration as well as Google sign up API)

```

<body>
    <div class="main">
        <div class="card">
            <div class="card-title">
                <h3><i class="fa fa-user-circle-o" aria-hidden="true"></i> User <span
id="action_title">Login</span>
                </h3>
            </div>
            <div class="card-body">
                <div class="card-body-top">
                    <br>
                    <div id="pointer-btn"></div>
                </div>
                <div class="card-body-login">
                    <form id="login-form" action="login.php" method="post">

```

```

        <input class="input-form" type="username" placeholder="Enter your username"
required
            name="username"><br>
<br>
        <input class="input-form" type="password" placeholder="Enter your password"
required
            name="password"><br><br><br>

        <input class="submit-form" type="submit" value="LOGIN">
<br>
        <div class="registration">
            <a href="personal_info.html">
                <h3>Click here to Register</h3><br>
            </a>
        </div>
        <script src="https://apis.google.com/js/platform.js" async defer></script>
<meta name="google-signin-client_id" content="117721729473-
92tn9rrp4003ne8it059o1eopu0p7lso.apps.googleusercontent.com">
<div class="g-signin2" data-onsuccess="onSignIn" style="padding-left:35% ;"></div>
<script>
    function onSignIn(googleUser)
    {
        var profile=googleUser.getBasicProfile();
        // console.log('ID: ' + profile.getId());
        // Do not send to your backend! Use an ID token instead.
        console.log(' Name: ' + profile.getName());
        // console.log(' Image URL: ' + profile.getImageUrl());
        console.log(' Email: ' + profile.getEmail()); // This is null if the 'email' scope
is not present.
    }
    <a href="#" onclick="signOut();">Sign out</a >

    function signOut() {
        var auth2 = gapi.auth2.getAuthInstance();
        auth2.signOut().then(function () {
            console.log('User signed out.');
        });
    }
</script>

```

Registration Page: (to sign in and book occupants need to register)

```
<h3><b>Registration Form</b></h3>
```

```
<fieldset>
    <input placeholder="Your name" type="text" tabindex="1" name="name" required autofocus>

</fieldset>
<fieldset>
    <input placeholder="Type(Student,Employee):" type="text" tabindex="2" name="type" required
autofocus>
</fieldset>
<fieldset>
    <input placeholder="Your Phone Number " type="text" tabindex="3" name="phno" required>
</fieldset>
<fieldset>
    <input placeholder="Your Email Address" type="email" tabindex="4" name="email" required>
</fieldset>
<fieldset>
    <textarea placeholder="Address" tabindex="5" name="address" required></textarea>
</fieldset>
<fieldset>
    <input placeholder="City" type="text" tabindex="6" name="city" required autofocus>
</fieldset>
<fieldset>
    <input placeholder="State" type="text" tabindex="7" name="state" required autofocus>
</fieldset>

<fieldset>
    <input placeholder="PIN " type="text" tabindex="8" name="pin" required>
</fieldset>
<fieldset>
    <input placeholder="gender " type="text" tabindex="9" name="gen" required>
</fieldset>
<fieldset>
    <input placeholder="Age " type="text" tabindex="10" name="age" required>
</fieldset>
<fieldset>
    <input placeholder="Adhaar Number " type="text" tabindex="11" name="aadh" required>
</fieldset>

<fieldset>
    <button name="submit" type="submit" >Submit</button>
</fieldset>
```

```

</Form>
<?php

error_reporting(E_ERROR | E_PARSE);

$name=$_POST[ "name"];
$type=$_POST[ "type"];
$phno=$_POST[ "phno"];
$email=$_POST[ "email"];
$address=$_POST[ "address"];
$city=$_POST[ "city"];
$state=$_POST[ "state"];
$pin=$_POST[ "pin"];
$gen=$_POST[ "gen"];
$aadh=$_POST[ "aadh"];
$age=$_POST[ "age"];
$rand = 3;

$conn = new mysqli("localhost","root","sejal","hostay");

if(isset($_POST[ 'submit']))
{
    if(!empty($_POST['name'])&& !empty($_POST[ 'type'])&&
!empty($_POST['phno'])&&!empty($_POST[ 'email'])&&!empty($_POST[ 'address'])&&!empty($_POST[ 'city'])&&!empty($_POST[ 'state'])&&!empty($_POST[ 'pin'])&&!empty($_POST[ 'gen'])&&!empty($_POST[ 'aadh'])&&!empty($_POST[ 'age']))
    {

        $sql1 = "insert into personal_info (name, contact, email, age, type, adhaar, gender, address, city, pin, state, user_id) values
        ('$name', '$phno', '$email', '$age', '$type', '$aadh', '$gen', '$address', '$city', '$pin', '$state', '$rand')";
        $conn -> query($sql1);

    }

}
?>

```

Join Us Page: (has 3 pages for accommodations to enter details and user can search them)

```

<div class="container">
    <form id="contact" action="insert.php" method="post">

```

```

<h3><b>OCCUPANT SIGNUP FORM</b></h3>

<fieldset>
    <input placeholder="Your name" type="text" tabindex="1" name="name" required autofocus>

</fieldset>
<fieldset>
    <input placeholder="Type of accomodation" type="text" tabindex="2" name="type" required autofocus>
</fieldset>
<fieldset>
    <input placeholder="Your Phone Number " type="text" tabindex="3" name="phno" required>
</fieldset>
<fieldset>
    <input placeholder="Your Email Address" type="email" tabindex="4" name="email" required>
</fieldset>
<fieldset>
    <input placeholder="Address" type="text" tabindex="5" name="address" required></input>
</fieldset>
<fieldset>
    <input placeholder="City" type="text" tabindex="6" name="city" required autofocus>
</fieldset>
<fieldset>
    <input placeholder="State" type="text" tabindex="7" name="state" required autofocus>
</fieldset>

<fieldset>
    <input placeholder="PIN " type="text" tabindex="8" name="pin" required>
</fieldset>
<fieldset>
    <input placeholder="Availability " type="text" tabindex="9" name="avail" required>
</fieldset>

<fieldset>
    <a href = "form2.html"> <button name="submit" type="submit" >Next</button> </a>
</fieldset>

</form>
<form id="contact" action="insert.php" method="post">
    <h3>Occupant Signup Form</h3>

    <fieldset>
        <input placeholder="Hostel ID" type="text" tabindex="1" name="hid" required autofocus>

```

```

        </fieldset>
        <fieldset>
            <input placeholder="Bed" type="text" tabindex="2" name="bed" required autofocus>
        </fieldset>
        <fieldset>
            <input placeholder="Fan " type="text" tabindex="3" name="fan" required>
        </fieldset>
        <fieldset>
            <input placeholder="Ac" type="text" tabindex="4" name="ac" required>
        </fieldset>
        <fieldset>
            <input placeholder="Cupboards" type="text" tabindex="5" name="cupboard" required>
        </fieldset>
        <fieldset>
            <input placeholder="Study Table" type="text" tabindex="6" name="study" required autofocus>
        </fieldset>
        <fieldset>
            <input placeholder="Washroom" type="text" tabindex="7" name="washroom" required autofocus>
        </fieldset>

        <fieldset>
            <input placeholder="Dustbins " type="text" tabindex="8" name="dustbins" required>
        </fieldset>
        <fieldset>
            <input placeholder="Balcony" type="text" tabindex="9" name="balcony" required>
        </fieldset>

        <fieldset>
            <a href = "form3.html" ><button name="submit" type="submit" >Next</button></a>
        </fieldset>

    </form>
    Signup Form</h3>

    <fieldset>
        <input placeholder="Laundry" type="text" tabindex="1" name="laundry" required autofocus>
    </fieldset>
    <fieldset>
        <input placeholder="Meals" type="text" tabindex="2" name="meals" required autofocus>
    </fieldset>

```

Food Booking Page : (to book a meal service)

```
<ul class="nav">
    <li class="scroll-to-section"><a href="http://localhost//project2/index.html"
        class="active">Home</a></li>
    <li class="scroll-to-section"><a href="#about">About</a></li>

    <li class="scroll-to-section"><a href="#menu">Menu</a></li>
    <li class="scroll-to-section"><a href="#chefs">Restaurants</a></li>
    <li class="submenu">
        <a href="javascript:;">Cuisines</a>
        <ul>
            <li><a href="north.php">North Indian</a></li>
            <li><a href="south.php">South Indian</a></li>
            <li><a href="chinese.php">Chinese</a></li>
            <li><a href="italian.php">Italian</a></li>
        </ul>
    </li>
</ul>
```

```
<!-- <li class=""><a rel="sponsored" href="https://templatemo.com" target="_blank">External URL</a></li> -->
    <li class="scroll-to-section"><a href="#reservation">Contact Us</a></li>
</ul>
<a class='menu-trigger'>
    <span>Menu</span>
</a>
<div class="main-banner header-text">
    <div class="Modern-Slider">
        <!-- Item -->
        <div class="item">
            <div class="img-fill">
                
        </div>
        <!-- // Item -->
        <!-- Item -->
        <div class="item">
            <div class="img-fill">
                
            </div>
        </div>
        <!-- // Item -->
        <!-- Item -->
        <div class="item">
            <div class="img-fill">
                
            </div>
        </div>
        <!-- // Item -->
    </div>
<section class="section" id="menu">
    <div class="container">
        <div class="row">
            <div class="col-lg-4">
                <div class="section-heading">
                    <h6>Our Menu</h6>
                    <h2>Our selection of cuisines with quality taste</h2>
                </div>
            </div>
        </div>
    </div>
    <div class="menu-item-carousel">
        <div class="col-lg-12">
```

```

<div class="owl-menu-item owl-carousel">
    <div class="item">
        <div class='card card1'>
            <div class="price"><h6>Rs. 150</h6></div>
            <div class='info'>
                <h1 class='title'>North Indian Meal</h1>
                <p class='description'>We have wide variety of North Indian food made by
highly qualified North Indian chefs.</p>
                <div class="main-text-button">
                    <div class="scroll-to-section"><a href="#reservation">Make Reservation
v</a></div>
                </div>
            </div>
        </div>
    </div>
<section class="section" id="chefs">
    <div class="container">
        <div class="row">
            <div class="col-lg-4 offset-lg-4 text-center">
                <div class="section-heading">
                    <h6>Our Restaurants</h6>
                    <h2>We offer the best restaurants for you</h2>
                </div>
            </div>
            <div class="row">
                <div class="col-lg-4">
                    <div class="chef-item">
                        <div class="thumb">
                            <div class="overlay"></div>
                            <ul class="social-icons">
                                <li><a></a></li>
                                <li><a></a></li>
                                <li><a></a></li>
                            </ul>
                            
                        </div>
                        <div class="down-content">
                            <h4>Food Junction</h4>
                            <span>North Indian, Chinese Cuisine</span>
                        </div>
                    </div>
                </div>
            </div>
        <div class="col-lg-6">
            <div class="contact-form">

```

```

<form id="contact" action="" method="post">
    <div class="row">
        <div class="col-lg-12">
            <h4>MEAL BOOKING</h4>
        </div>
        <div class="col-lg-6 col-sm-12">
            <fieldset>
                <input name="name" type="text" id="name" placeholder="Your Name*" required="">
            </fieldset>
        </div>
        <div class="col-lg-6 col-sm-12">
            <fieldset>
                <input name="email" type="text" id="email" pattern="[^@]*@[^@]*" placeholder="Your Email Address" required="">
            </fieldset>
        </div>
        <div class="col-lg-6 col-sm-12">
            <fieldset>
                <input name="phone" type="text" id="phone" placeholder="Phone Number*" required="">
            </fieldset>
        </div>
        <div class="col-md-6 col-sm-12">
            <fieldset>
                <select value="time" name="time" id="time">
                    <option value="time">Meal Type</option>
                    <option name="Breakfast" id="Breakfast" required>Non Vegetarian</option>
                    <option name="Lunch" id="Lunch">Vegetarian</option>
                    <option name="Dinner" id="Dinner">Vegan</option>
                </select>
            </fieldset>
        </div>
        <div class="col-lg-6">
            <div id="filterDate2">
                <div class="input-group date" data-date-format="dd/mm/yyyy">
                    <input name="date" id="date" type="text" class="form-control" placeholder="dd/mm/yyyy">
                    <div class="input-group-addon" >
                        <span class="glyphicon glyphicon-th"></span>
                    </div>
                </div>
            </div>
        </div>
    </div>
</form>

```

```

<div class="col-md-6 col-sm-12">
    <fieldset>
        <select value="time" name="time" id="time">
            <option value="time">Time</option>
            <option name="Breakfast" id="Breakfast">Breakfast</option>
            <option name="Lunch" id="Lunch">Lunch</option>
            <option name="Dinner" id="Dinner">Dinner</option>
        </select>
    </fieldset>
</div>
<div class="col-lg-12">
    <fieldset>
        <textarea name="message" rows="6" id="message" placeholder="Customize Your Meal" required=""></textarea>
    </fieldset>
</div>
<div class="col-lg-12">
    <fieldset>
        <button type="submit" id="form-submit" class="main-button-icon">Book This Meal</button>
    </fieldset>
</div>
</div>
</form>

<div class="tab-item">
    
    <h4>Fresh Chicken Salad</h4>
    <p>Check our amazing breakfast range at affordable prices prepare by highly qualified chefs!</p>
    <div class="price">
        <h6>Rs. 220</h6>
    </div>
</div>
<div class="col-lg-12">
    <div class="tab-item">
        
        <h4>Fresh Orange Juice</h4>
        <p>Check our amazing breakfast range at affordable prices prepare by highly qualified chefs!.</p>
        <div class="price">
            <h6>Rs. 80</h6>
        </div>
    </div>
</div>

```

```
        </div>
    </div>
<div class="col-lg-12">
    <div class="tab-item">
        
        <h4>Parantha</h4>
        <p>Check our amazing breakfast range at
affordable prices prepare by highly qualified chefs!.</p>
        <div class="price">
            <h6>Rs. 85</h6>
        </div>
    </div>
<script src="assets/js/jquery-2.1.0.min.js"></script>

<!-- Bootstrap -->
<script src="assets/js/popper.js"></script>
<script src="assets/js/bootstrap.min.js"></script>

<!-- Plugins -->
<script src="assets/js/owl-carousel.js"></script>
<script src="assets/js/accordions.js"></script>
<script src="assets/js/datepicker.js"></script>
<script src="assets/js/scrollreveal.min.js"></script>
<script src="assets/js/waypoints.min.js"></script>
<script src="assets/js/jquery.counterup.min.js"></script>
<script src="assets/js/imgfix.min.js"></script>
<script src="assets/js/slick.js"></script>
<script src="assets/js/lightbox.js"></script>
<script src="assets/js/isotope.js"></script>

<!-- Global Init -->
<script src="assets/js/custom.js"></script>
<script>

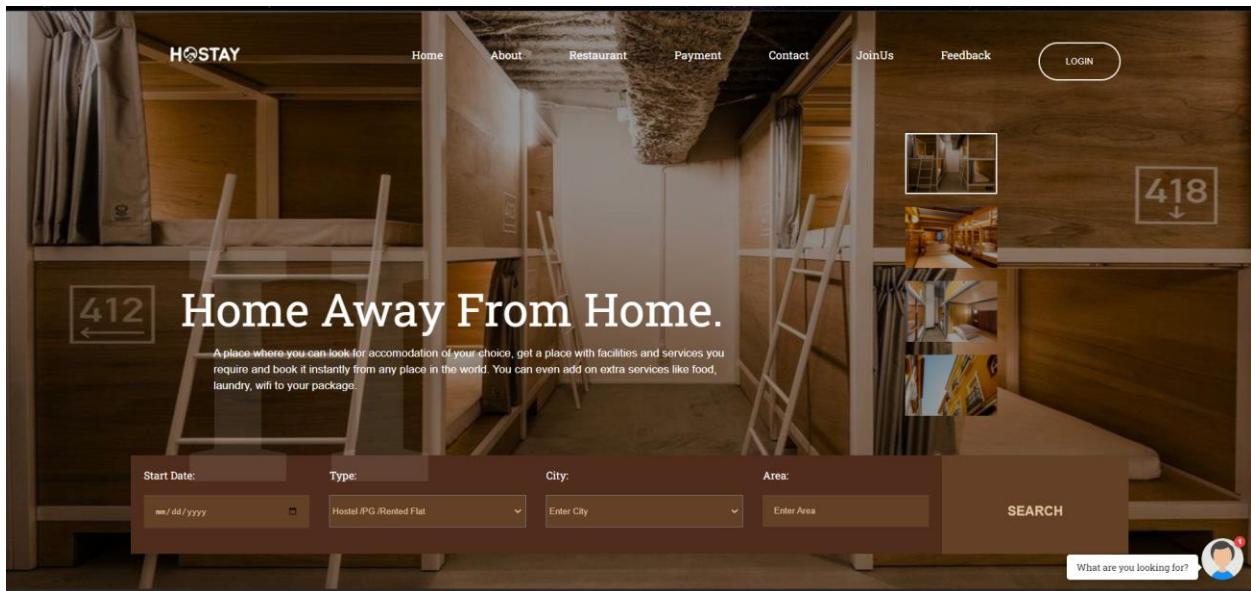
$(function() {
    var selectedClass = "";
    $("p").click(function(){
        selectedClass = $(this).attr("data-rel");
        $("#portfolio").fadeTo(50, 0.1);
        $("#portfolio div").not("." + selectedClass).fadeOut();
        setTimeout(function() {
            $("." + selectedClass).fadeIn();
            $("#portfolio").fadeTo(50, 1);
        }, 500);
    });
});
```

```
    });
  });

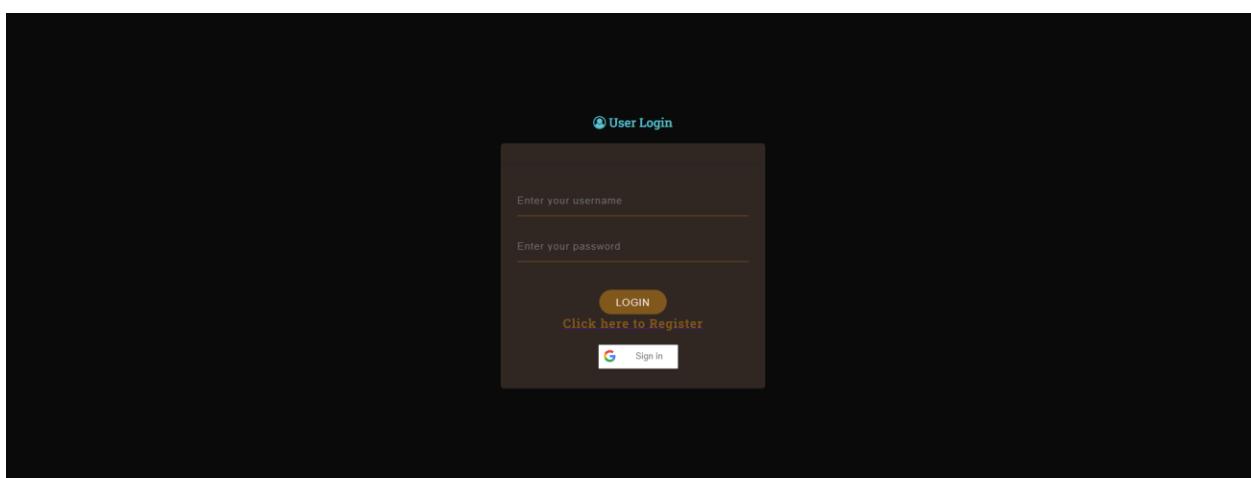
</script>
```

4.2 SCREENSHOTS:

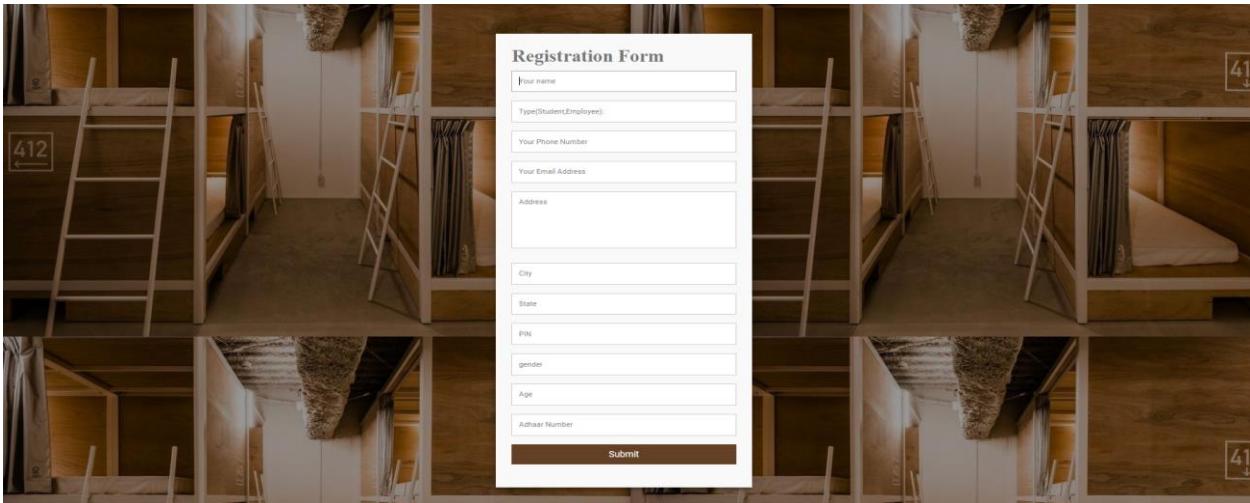
Index/Home Page (the main website):



Login Page:



Register Page:



About Us:

ABOUT US
Home Away From Home

Hostay is a unique website that helps students and working individuals find their ideal choice of stay. We have various options for individuals to choose from and filter our stays according to their preferences.

Hostay was created to be a one-stop solution for everyone looking for hostels and PG's. We also help them in pre-booking their stay of choice on our website. Hostay also provides numerous hostels for the students to choose from. Our website takes no commission. We also offer reviews of the people that have stayed in a particular hostel. In a student's life, their college phase is the most influential in shaping their personality. And that's why where they decide to stay first when they land in a new city is very important. They should feel comfortable and safe; our website does precisely that. It helps students choose whichever hostel they want according to what they like.

Hostay also partners with top tier residential buildings to ensure there are no backlogs when it comes to quality checks and balances. We also make sure all the hostels we have partnered with are thoroughly checked before certifying them. We also provide random inspections every few months to make sure that the quality remains up to standards all year round.

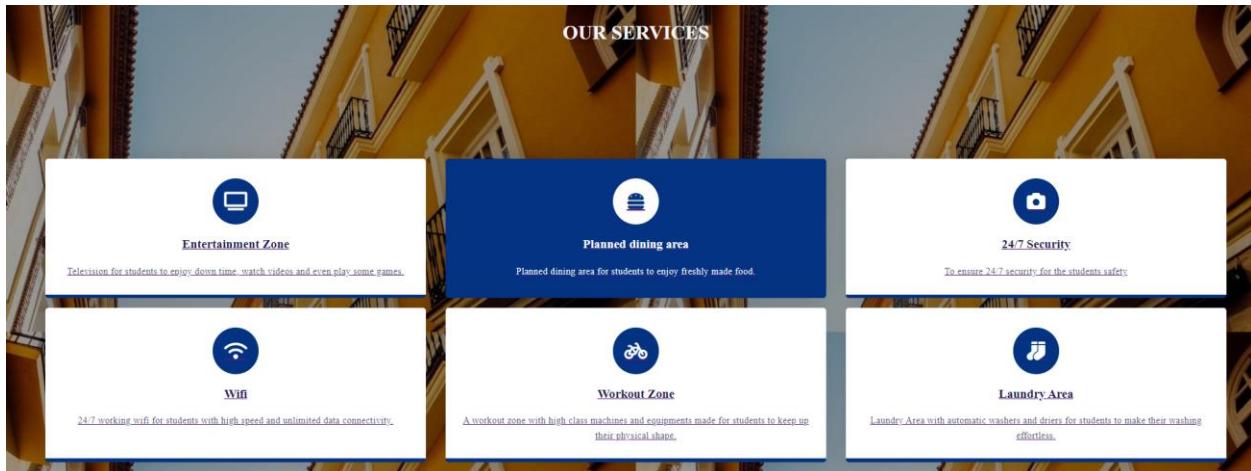
[Home](#)

Facilities:

Our Facilities

These are some common facilities that every Hostel will provide. Some of these facilities are as follows:

- 🛏 Bed with Mattresses
- 🛏 Spacious Cupboards
- 💻 Study Desk
- 💻 Windows for ventilation
- 🍽 Dining Area
- 🚿 Washing Area
- 💡 Common Appliance Area
- 📶 Wifi Service



WORKOUT ZONE

A good workout routine is so important in a students life. It helps them keep focused on their goals and helps them to clear their mind in time of stress.

Twitter Facebook Google+ Pinterest

Categories:

HOSTAY

- [Home](#)
- [About](#)
- [Restaurant](#)
- [Payment](#)
- [Type ▾](#)
 - [Hostel](#)
 - [Pg](#)
 - [Rented Flat](#)

L A Hostels
Hostel

Blue Bird Hostel
Hostel

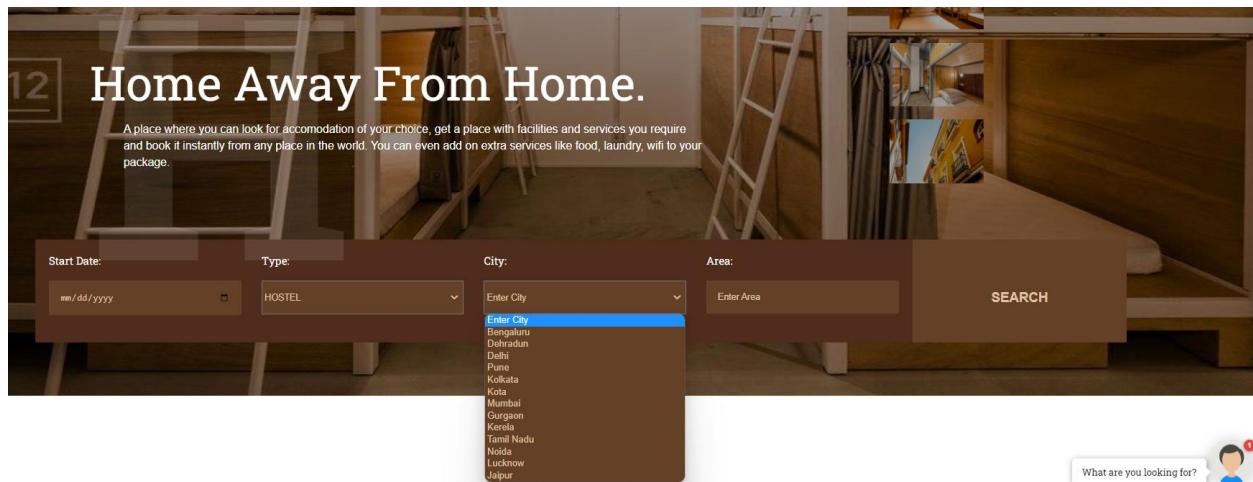
Zostels
Hostel

Zostel Bangalore in Bangalore provides adults-only accommodation with a shared lounge and a garden.

Bell Prime PG
PG

What are you looking for?

Search Page:



12

Home Away From Home.

A place where you can look for accomodation of your choice, get a place with facilities and services you require and book it instantly from any place in the world. You can even add on extra services like food, laundry, wifi to your package.

Start Date:

Type:

City:

- Enter City
- Bengaluru
- Bhuban
- Delhi
- Pune
- Kolkata
- Kota
- Mumbai
- Satara
- Karla
- Tamil Nadu
- Noida
- Lucknow
- Jaipur

Area:

What are you looking for?



Food Booking Page:



- [Home](#)
- [About](#)
- [Menu](#)
- [Restaurants](#)
- [Cuisines](#) ▾
- [Contact Us](#)

North Indian

South Indian

Chinese

Italian

— CONTACT US —

Here You Can Book A Service With Us Or Just walkin to our Restaurant

Donec pretium est orci, non vulputate arcu hendrerit a. Fusce a eleifend risus, nam eu sollicitudin urna diam, sed commodo purus porta ut.

Phone Numbers

936-729-0950

899-891-5859

Emails

hostay@company.com

foodinfo@service.com

MEAL BOOKING

Your Name*

Your Email Address

Phone Number*

Meal Type

dd/mm/yyyy

Time

Customize Your Meal

Book This Meal

HOSTAT SPECIAL
**This Week's Special
Meal Offers**

Breakfast Lunch Dinner



Fresh Chicken Salad

Check our amazing breakfast range at affordable prices prepare by highly qualified chefs!

Rs. 220



Eggs Omelette

Check our amazing breakfast range at affordable prices prepare by highly qualified chefs!

Rs. 120



Fresh Orange Juice

Check our amazing breakfast range at affordable prices prepare by highly qualified chefs.

Rs. 80



Sambhar Dosa

Check our amazing breakfast range at affordable prices prepare by highly qualified chefs!

Rs. 150



Parantha

Check our amazing breakfast range at affordable prices prepare by highly qualified chefs!

Rs. 85



Idli and Vada

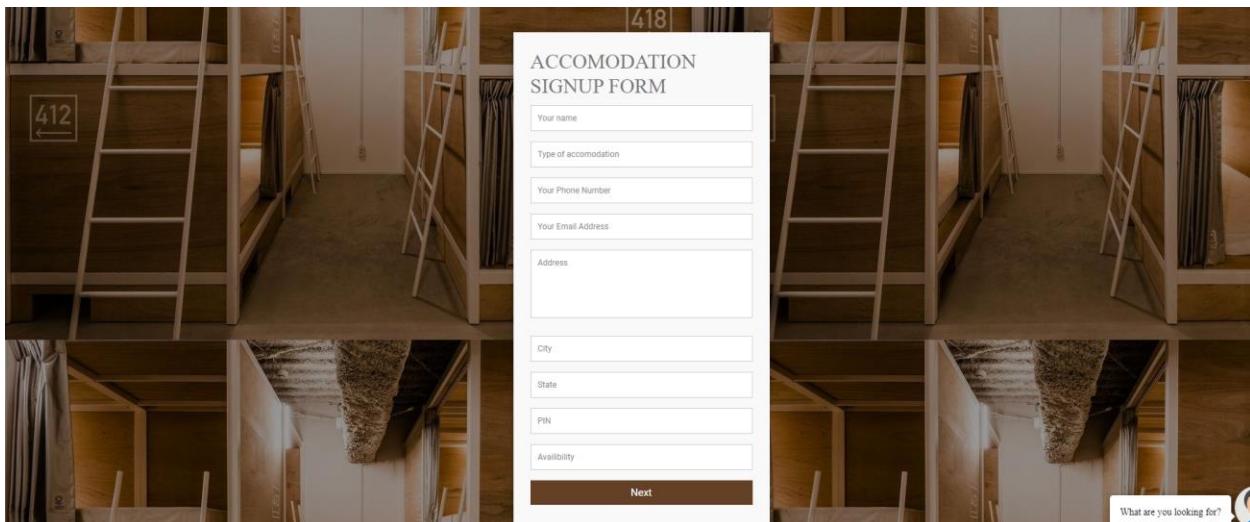
Check our amazing breakfast range at affordable prices prepare by chefs!

Rs. 150

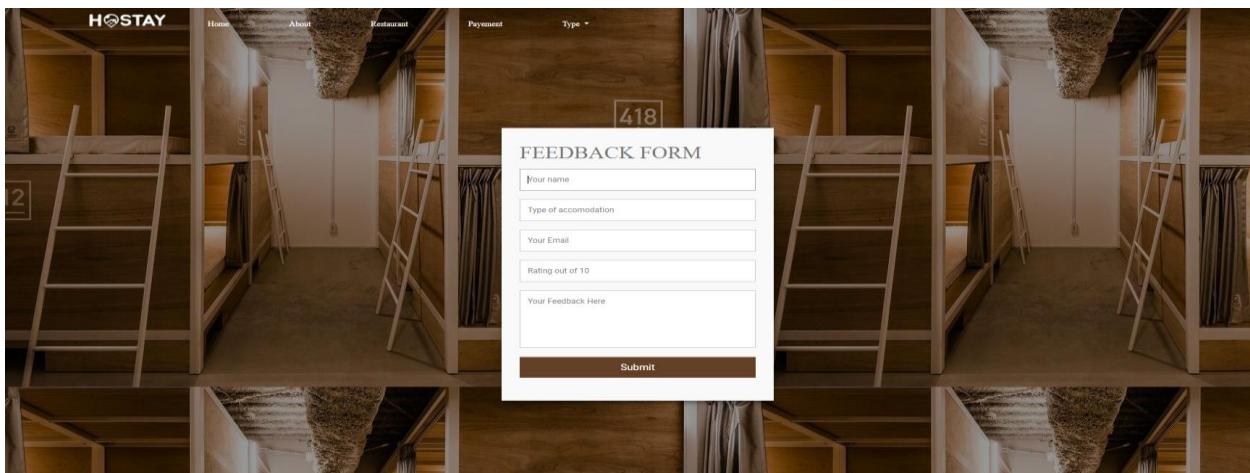
What are you looking for?



Join Us for accommodations Page:



Feedback Page:



Map and Contact Us:



For Customers
About Hostay
Customer Care/Help
Corporate Accounts
Financial Information
[Terms & Conditions](#)

Contact Us
[www.hostay.in](#)
hostayhelp@gmail.com
9876543210
8979695940
[Our Customer Services](#)

What are you looking for?

Payments Page:

Payment Gateway

Date:

Amount:

Payment Method:

Bank Transfer

UPI

Cards: Debit/Credit

Card Number:

CVV:

BOOK SECURLY

TESTING

5.1 TEST STRATEGIES

The following testing strategies have been applied on the processes on the website: -

- i. **Unit Testing:** Unit testing is all about how individual processes work in the system. Each process is fed a number of test cases and checks are made for how the process is interacting with the backend and whether the data supplied by the test case is appropriate.

- ii. **Function Testing:** Once each process is tested as an individual unit and all the queries are validated, the function of each module is tested. This ensures that each page is working well inside the module it belongs to.
- iii. **Integration Testing:** After all the modules are tested, the communication between modules is tested, thus ensuring the correct integration of all modules in the system.
- iv. **Validation Testing:** Each input given to processes is validated in the processes as regular expressions. If any input does not match the given criteria for the input or fails the database checks and constraints, it prints a comprehensive error easy for debugging.

What is a test strategy?

A high-level document is used to validate the test types or levels to be executed for the product and specify the Software Development Life Cycle's testing approach is known as Test strategy document.

There are different types of testing strategies. These strategies describe how the product risks of the stakeholders are mitigated at the test-level, which types of testing are to be performed, and which entry and exit criteria apply. They are created based on development design documents. Design documents describe the functionality of the software to be enabled in the upcoming release. For every stage of development design, a corresponding test strategy should be created to test the new feature sets. Various strategies of testing are:

- Methodical strategy
- Reactive strategy
- Analytical strategy
- Standards compliant or Process compliant strategy
- Model-based strategy
- Regression averse strategy
- Consultative strategy

5.1.1 UNIT TESTING

In computer programming, unit testing is a software testing method by which individual units of source code—sets of one or more computer program modules together with associated control data, usage procedures, and operating procedures—are tested to determine whether they are fit for use.

During development, a software developer may code criteria, or results that are known to be good, into the test to verify the unit's correctness. During test case execution, frameworks log tests that fail any criterion and report them in a summary. For this, the most commonly used approach is test - function - expected value.

Writing and maintaining unit tests can be made faster by using parameterized tests. These allow the execution of one test multiple times with different input sets, thus reducing test code

duplication. Unlike traditional unit tests, which are usually closed methods and test invariant conditions, parameterized tests take any set of parameters.

5.1.2 FUNCTIONAL TESTING

Functional Testing is a type of software testing that validates the software system against the functional requirements/specifications. The purpose of Functional tests is to test each function of the software application, by providing appropriate input, verifying the output against the Functional requirements.

Functional testing mainly involves **black box testing** and it is not concerned about the source code of the application. This testing checks User Interface, APIs, Database, Security, Client/Server communication and other functionality of the Application under Test. The testing can be done either manually or using automation.

5.1.3 INTEGRATION TESTING

Integration testing -- also known as integration and testing (I&T) is a type of software testing in which the different units, modules or components of a software application are tested as a combined entity. However, these modules may be coded by different programmers.

5.2 TEST CASES AND REPORTS

- Using the test plan as the basis, the testing team design test case specification which then becomes the basis for preparing for individual test cases.
- A test case is nothing but a series of steps executed on a product, using a predefined set of input data, expected to produce a pre-defined set of outputs, in a given environment.
- Test case specifications are useful as it enlists the specification details of the items.

OUR WEBSITE'S TEST CASES:-

Test Case ID	Screen Name	Description	Expected Output	Test Reports
1	Sign Up/ Registration	Occupants registration, name entered shorter	Does not insert any data to the database	Invalid alert for wrong credentials is shown.

		than 6 characters or invalid email or invalid phone number(less than 10 digits) or password less than 6 characters	and displays the error	
2	Login	Occupants login is email and password is empty	Does not perform authentication.	“User does not exist” error is shown.
3	Booking Accommodation	Check constraint applied if they enter the “type” field with anything other than Hostel, PG & Flat.	Does not perform the booking appointment operation.	Invalid type entered error.
4	Accommodation Sign Up	Check constraint applied if they enter the “type” field with anything other than Hostel, PG & Flat. If for any amenities or service they put anything but Yes or No.	Does not register the accommodation to our website/ database.	Invalid type entered error.

5	Feedback Form	Name entered shorter than 6 characters or invalid email or invalid phone number(less than 10 digits)	Does not insert any data to the database and displays the error	Invalid alert for wrong credentials is shown.
5	Meal Booking Form	Name entered shorter than 6 characters or invalid email or invalid phone number(less than 10 digits)	Does not insert any data to the database and displays the error	Invalid alert for wrong credentials is shown.

CONCLUSION

HoStay was made to connect students with different hostels, PGs & rented apartments around their preferred area of stay. Our main motto ‘Home Away from home’ was born when students were uncomfortable in the places they were staying; this is a change to the way students live. The student just has to sign in to our website and first select the kind of accommodation and subsequently add the required filter like food, location, services etc. When the results pop up he gets all the features each hostel has like the shops nearby, laundry service around it, etc. The student also has the option of discovering the different kinds of restaurants nearby and also can add on a tiffin service if he/she wants. Our project initiated with the idea of making a website that collectively stores all the accommodations under one platform to make sure students go through an effortless process in making their decisions, and help them compare different hostels seamlessly.

ADVANTAGES AND LIMITATIONS

- **Advantages**

Hostels, PG’s, and Rented Flats are difficult to find individually. A place to stay which suits you and all your conditions is tough to find, specially when you have limited time. Hostay makes this process easier by bringing and shortlisting all the Accommodations together. Not only can you search which type of accommodation you want to live in, but also the availability, locality, area, and services. This makes the tedious process of finding an

accommodation much simpler and way more efficient. Anyone looking for any accommodation can easily sign up in our website and quickly find out exactly where they want to stay. We list out all facilities and services provided by each accommodation, which ensures that the user can select the accommodation of their need quickly and thoroughly.

- **Limitation**

- Due to shortage of time, we were unable to implement an admin panel which would display all details of all the database conveniently..
- We were unable to extract data from websites to implement real time changes in our database for the same reason.
- Apply button inside search table was not added because of high complexity of PHP designing and database structures.
- Printout option for display page was not added because of API error inside our PHP version.
- Payment Gateway using API was not added because of Trial Services ending before submission of project.

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