



**Project Name:Online Hostel Booking System**

**Batch:PG-DAC AUG-2018**

**Guided By:Mrs.Bakul Joshi**

**Submitted By:**

**Name**

- 1.Abhishek Gadhave**
- 2.Omkar Chandole**
- 3.Paresh Joshi**
- 4.Vijay Padmule**

**PRN**

- 180843020002**
- 180843020018**
- 180843020046**
- 180843020089**

## Table of Contents

1.	INTRODUCTION.....	3
2.	ARCHITECTURE.....	4
3.	FUNCTIONAL REQUIREMENTS	
3.1.	USER MODULE.....	8
3.1.1.	Account creation Process.....	8
3.1.2.	Login Process.....	8
3.1.3.	Forgot Password Process .....	8
3.1.4.	Change Password Process .....	8
3.1.5.	Update Account Process.....	8
3.1.6.	Search Hostel.....	8
3.1.7.	Book Hostel .....	8
3.1.8.	Cancel Booking.....	8
3.1.9.	Give & View Review.....	8
3.1.10.	Give & View Rating.....	8
3.1.11.		
3.2.	HOSTEL-OWNER MODULE.....	10
3.2.1.	Account Creation Process .....	10
3.2.2.	Login Process.....	10
3.2.3.	Forgot Password Process .....	10
3.2.4.	Change Password Process .....	10
3.2.5.	Update Account Process.....	10
3.2.6.	Confirm Booking.....	10
3.3.	ADMIN MODULE.....	12
	Login Process.....	12
	Verification.....	12
	Account Management .....	12
	Report Generation.....	12
	SDLC MODEL.....	17
	SYSTEM DIAGRAM	
3.3.1.	USE CASE DIAGRAM.....	19
3.3.2.	ER DIAGRAM.....	22
3.3.3.	PAGE NAVIGATION DIAGRAM.....	25
3.3.4.	SNAPSHOT.....	28

# INTRODUCTION

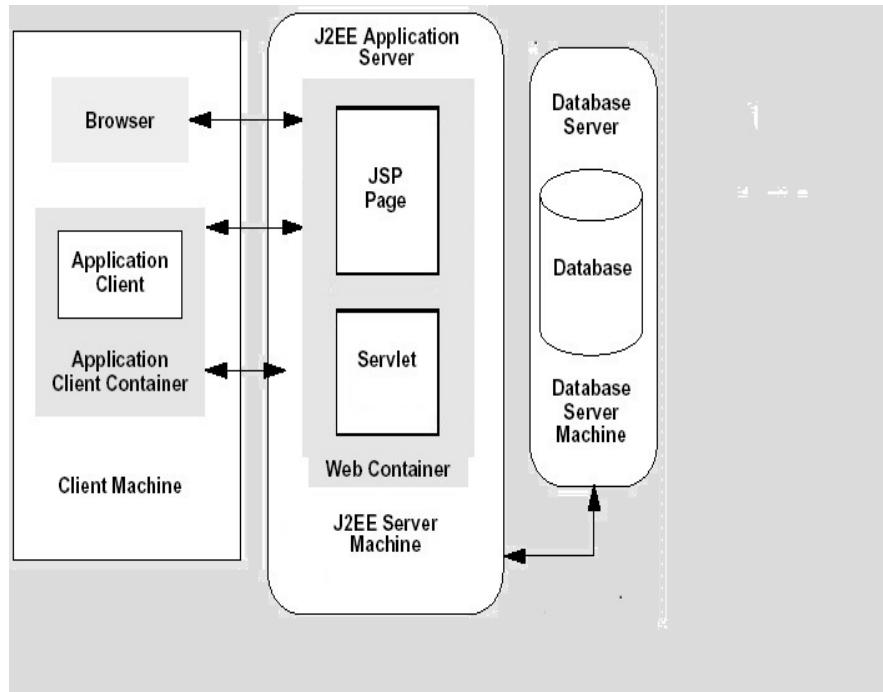
This document communicates the business requirements and scope for developing Hostel booking website . The scope of this document is to define the functional and non functional requirements, business rules and other constraints requirements.

It is very common to see students moving to another city for higher education. While student tend to happily move to the new place, the main problem they face is to find a proper Hostel. It's very tedious and time consuming job to visit every hostel and then compare it with any other hostel. There are many websites which provides hostel booking ,but there are some drawbacks like students are not able to compare these hostels with another hostel based on some specific criteria.

This website provide platform for those users who want to book online hostel. This website also provides facility for Hostel-owners to publish their hostels on online platform which is not available on the most of the websites. So, Hostel-owners will not need to entertain every student. Students can directly search about the hostels on this website. . Our websites provide reviews and rating facility which is very useful for students to decide which hostel is providing better service. So, with the help of this website students can search hostels as per specific criteria.

- **Architecture Design:**

Following diagram shows the details of online Hostel booking system architecture.



**Fig. Architecture Diagram**

This System consist of three tiers as listed below,

- First tier
- Second tier
- Third tier

**First Tier:**

This tier is used for user interface and it is called as client tier. In this tier we are using AJAX because of it provides better interactivity, easier navigation, compact. The use of java script facilities us for the client side validation. That's why in first tier we are using the java script. We are using HTML for the presentation purpose.

**Second Tier:**

Second Tier is comprises of two parts listed below,

- **Server UI**

In this part of second tier we are using JSP, because it provides better UI to system, as well as it provides the dynamically designing of pages.

- **Server Process**

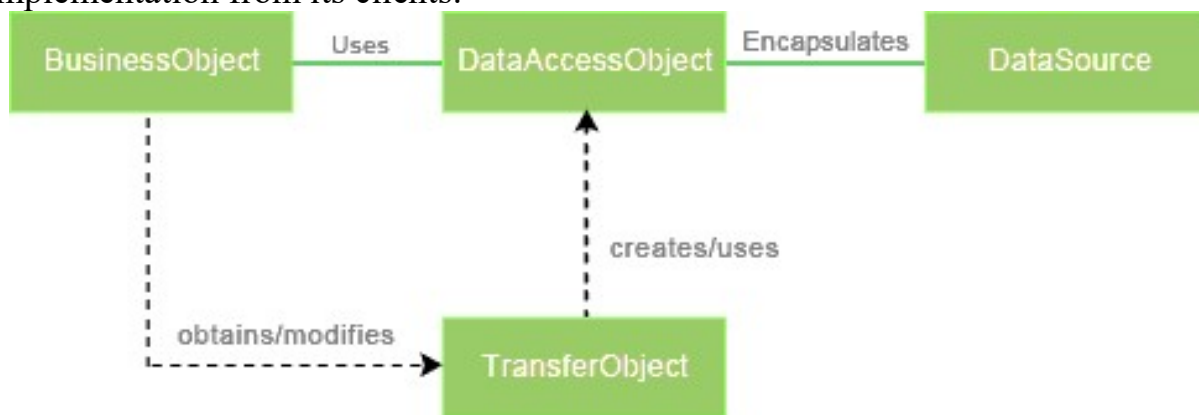
Servlet API is standard and freely available on the internet (like JSPs) servlets have the advantages like ease of development & platform independence (like Java) they can access all the J2SE and J2EE APIs can take the full advantage & capabilities of the Java programming language.

### **Third Tier:**

Third tier consist of a Data Access Object (DAO) and the back end i.e. the database of Hostel Booking system.

#### **Data Access Object (DAO):**

Data access object layer has proven good in separate business logic layer and persistent layer. The DAO design pattern completely hides the data access implementation from its clients.



*Fig Data Access Object (DAO) Mechanism*

#### **Java Database Connectivity (JDBC):**

JDBC is used to provide database connectivity from java to database. Using Java database connectivity we can update/retrieve data to/from database with java programs. The main advantage of using JDBC is we can execute database queries by the program so that we can utilize the functionality provided by the database (with the queries). More over we can use triggers too. JDBC provides much other functionality (like the functions provided by Callable Statement class) to manage the data. Additionally, loading the driver will be different to different databases.

Online Hostel management system consist of Three modules described as below:

1. User module.
2. Admin module.
3. Hostel-owner module.

### **1. User Module**

- user can register and create his own account.
- user can change password.
- website allows user to search hostel according to specific criteria.
- registered user is able to book hostel .
- user can cancel the booking.
- user is able to view other users review.
- user is able to give reviews.
- user is able to give ratings

### **2. Admin Module**

- Admin has an authority to verify the information posted by every Hostel-owner.
- Approving request for Hostel-owners registration.
- Generating report for all bookings that has been done, number of users registered and number of Hostel-owners registered.
- Admin have all authorities like block particular user.

### **3. Hostel-Owner Module**

- Hostel-owner can resister.
- Hostel-owner can update hostel details.
- Hostel-owner can see all requests for hostel.
- Hostel-owner will provide confirmation about whether the booking is successful or not.

- **Functional Requirements**

The Hostel Booking System has three main modules which are divided into 20 processes described as below.

No	BRS requirement ID	Description
<b>2.1 User Module</b>		
2.1.1	F1	Account Creation Process
2.1.2	F2	Login Process
2.1.3	F3	Forgot Password Process
2.1.4	F4	Change Password Process
2.1.5	F5	Update Account Process
2.1.6	F6	Search Hostel
2.1.7	F7	Book Hostel
2.1.8	F8	Cancel Booking
2.1.9	F9	Give reviews
2.1.10	F10	Give ratings
<b>2.2 Hostel-owner Module</b>		
2.2.1	F11	Account Creation Process
2.2.2	F12	Login Process
2.2.3	F13	Forgot Password Process
2.2.4	F14	Change Password Process
2.2.5	F15	Update Account Process
2.2.6	F16	Confirm booking
<b>2.3 Admin Module</b>		
2.3.1	F17	Login Process
2.3.2	F18	Verification
2.3.3	F19	Account Management
2.3.4	F20	Report generation

## ➤ User Module

- User is the candidate who is looking for the Hostel.
- User is able to search the Hostel according to the specific criteria.

## Account Creation Process

- Registration is mandatory to book a hostel. So, Hostel Booking System provides the functionality to create new account.
- To create a new account, user needs to enter information like **First name, Last name, Date of birth, Gender, Email ID, Contact Number, Password, Password recovery questions etc.**

## Login Process

- Using specific ID and Password user can access the application.
- The user authentication demands UserID and Password.

## Forgot Password Process

- When system user forgets their password, the recovery method has been provided by Hostel booking system.

The recovery method is described as below.

- First, System user enters their UserID for Hostel booking System.
- Next, Hostel booking System demands the Answer which has been registered since when the Account was created.
- Only when the Answer is correct, user will be able to create new password.

## Change Password Process

- When user wants to change the Password, Therefore, Hostel Booking System has provided the function which is available after getting the user authentication.
- The function demands the current password and the new password.

## Update Account Process



- Hostel-Booking System provides the function which allows user to update the account.
- The information user can update is described as below.
  1. Login information
  2. User information
  3. Security Question Information

#### Search Hostel

- Searching criteria's are mentioned below.
  1. Type of Hostel(Girls/Boys)
  2. City
  3. Area
  4. Price

#### Book Hostel

- User can request to book the hostel if seats are available.
- As the user requests to book the seat the Hostel-owner will have authority whether to confirm the booking or not.

#### Cancel Booking

- If user wants to cancel the booking for that we have provided functionality which will show the information about previous transaction.
- With the help of this functionality user can cancel booking.

#### View and Give Reviews

- User can view reviews which are given by other users as well as user can give the reviews to hostel.

## View and Give Ratings

- User can view rating which is given by other users as well as user can give the rating to hostel.

## ➤ Hostel-Owner Module

- Hostel-owner is the candidate who is publishing the hostel information.

## Account Creation Process

- Registration is mandatory to book a hostel. So, Hostel Booking System provides the functionality to create new account.
- To create a new account, user needs to enter information like **Hostel name, Type of Hostel, Number of beds available, Address, Hostel owner name, Email ID, Contact Number, Password, Password recovery questions etc.**

## Login Process

- Using specific ID and Password Hostel-owner can access the application.
- The Hostel-owner authentication demands Hostel-ownerID and Password.

## Forgot Password Process

- When Hostel-owner forgets their password, the recovery method has been provided by Hostel booking system.

The recovery method is described as below.

- First, System user enters their User ID for Hostel booking System.
- Next, Hostel booking System demands the Answer which has been registered since when the Account was created.
- Only when the Answer is correct, user will be able to create new password.

### Change Password Process

- When Hostel-owner wants to change the Password, Therefore, Hostel Booking System has provided the function which is available after getting the Hostel-owner authentication.
- The function demands the current password and the new password.

### Update Account Process

- Hostel-Booking System provides the function which allows Hostel-owner to update the account.
- The information Hostel-owner can update is described as below.
  1. Hostel information
  2. Hostel-owner information
  3. Security question information

### Confirm booking

- Hostel-Booking System provides the function which allows Hostel-owner to confirm the booking.
- If booking is successful then it will send feedback to particular user that booking is successful.

## ➤ Admin Module

### Login Process

- Using specific ID and Password Admin can access the application.
- The Admin authentication demands ID and Password.

### Verification

- Admin will verify all the information published by the Hostel-owner.

- If the information is correct Admin will approve the request of Hostel-owner to publish their hostel.

#### Account Management

- Admin should be able to manage all the accounts with following activities

1. Enable accounts
2. Disable accounts

#### Report Generation

- Admin is able to generate reports based on number of Hostel-owners registered, number of users registered in the system.
- Admin can also generate report based on number of successful bookings and cancelled bookings.

- **Database Design:**

### 1] Booking Details

Field	Type	Null	Key	Default	Description
Booking_id	Integer(10)	No	Primary key		ID for Booking
Hostel_id	Integer(10)	No	Primary key		ID for Hostel
User_id	Integer(10)	No	Primary key		ID for User
From_date	Varchar(45)	No			Hostel allocation date
To_date	Varchar(45)	No			Tentative relieving date
Booking_status	Varchar(45)	No			Current Status of booking
Relieving_date	Varchar(45)	No			Actual leaving date

### 2] Hostel Details

Field	Type	Null	Key	Default	Description
Hostel_id	Integer(10)	No	Primary key		ID for Hostel
Owner-id	Integer(10)	No	Primary key		ID of Owner
Hostel-name	Varchar(45)	No			Name Of Hostel
Type_of_hostel	Integer(10)	No	Foreign key		Hostel is available for Boys/Girls/Both
City	Integer(10)	No	Foreign key		City id
Address	Varchar(45)	No			Address of the hostel
Pin code	Integer(10)	No			Code of area
Status	Varchar(45)	No			Confirm/Pending/Cancel
Price	Integer(10)	No			Price

### 3] Hostel Facility

Field	Type	Null	Key	Default	Description
Hostel_id	Integer(10)	No	Primary key		Id for hostel

Total seats	Integer(10)	No			Capacity of hostel
Mess	Integer(1)	No			Mess availability
Study room	Integer(1)	No			Study room availability
Gym	Integer(1)	No			Gym availability
Swimming pool	Integer(1)	No			Swimming pool availability
Wi-Fi	Integer(1)	No			Wi-Fi availability
ATM	Integer(1)	No			ATM availability

#### 4] Hostel Owner

Field	Type	Null	Key	Default	Description
Owner_id	Integer(10)	No	Primary key		Id of hostel owner
First name	Varchar(45)	No			First name of owner
Last name	Varchar(45)	No			Last name of owner
Aadhar no	Varchar(45)	No			Aadhar no of owner
Email_id	Varchar(45)	No			Email id of owner
Contact	Varchar(45)	No			Contact no of owner

#### 5] City

Field	Type	Null	Key	Default	Description
City_id	Integer(10)	No	Primary key		Id of city
City_name	Varchar(45)	No			Name of the city

#### 6] Hostel Type

Field	Type	Null	Key	Default	Description
Hostel_type_id	Integer(10)	No	Primary key		Id of hostel_type
Hostel_type	Varchar(45)	No			Which type of hostel it is.

#### 7] Ratings

Field	Type	Null	Key	Default	Description
Hostel_id	Integer(10)	No	Primary key		Id of hostel

User_id	Integer(10)	No	Primary key		Id of user
Rating	Integer(5)	No			Rating given by user and user Can the rating

#### 8] Reviews

Field	Type	Null	Key	Default	Description
Hostel_id	Integer(10)	No	Primary key		Id of hostel
User_id	Integer(10)	No	Primary key		Id of user
Review text	Varchar(45)	No			Comments given by user and user can view others comments

#### 9] User Details

Field	Type	Null	Key	Default	Description
User_id	Integer(10)	No	Primarykey		Id of user
First name	Varchar(45)	No			First name of user
Last name	Varchar(45)	No			Last name of user
Aadhar no	Integer(10)	No			Aadhar no of user
Email_id	Varchar(45)	No			Email id of user
Contact	Integer(10)	No			Contact no of user

#### 10] Login Details

Field	Type	Null	Key	Default	Description
Role_id	Varchar(45)	No			Role name
Login_id	Varchar(45)	No	Primary key		Login id for particular role
Password	Varchar(45)	No			Password of users

## **Stored Procedures:**

Following Stored Procedures are used:

1. `add_hostel`  
This procedure is used for adding the hostel.
2. `add_hostel_facilities`  
This procedure is used for adding the hostel\_facilities.
3. `add_booking`  
This procedure is used for adding the booking details.
4. `get_booking_details`  
This procedure is used for getting the Booking Details.
5. `get_booking_report`  
This procedure is used for generating the booking Report..
6. `get_hostel_report`  
This procedure is used for generating the Report of the Hostel Information.
7. `get_pending_hostel`  
This procedure is used for getting the Hostels who's status is pending.
8. `get_previous_transaction`  
This procedure is used for getting the information of Previous Transactions.
9. `get_user_ajax`  
This procedure is used for checking whether the User is already existing.
10. `get_user_report`  
This procedure is used for generating the report for the users of the system.
11. `register_owner`  
This procedure is used for registering the owner.
12. `register_user`  
This procedure is used for registering the user.
13. `save_login_details`  
This procedure is used for saving the login Details of the users of the system.
14. `update_seats`  
This procedure is used for updating the available seats after some booking is done.
15. `get_login_details`  
This procedure is used for getting the login details.



# SDLC MODELS

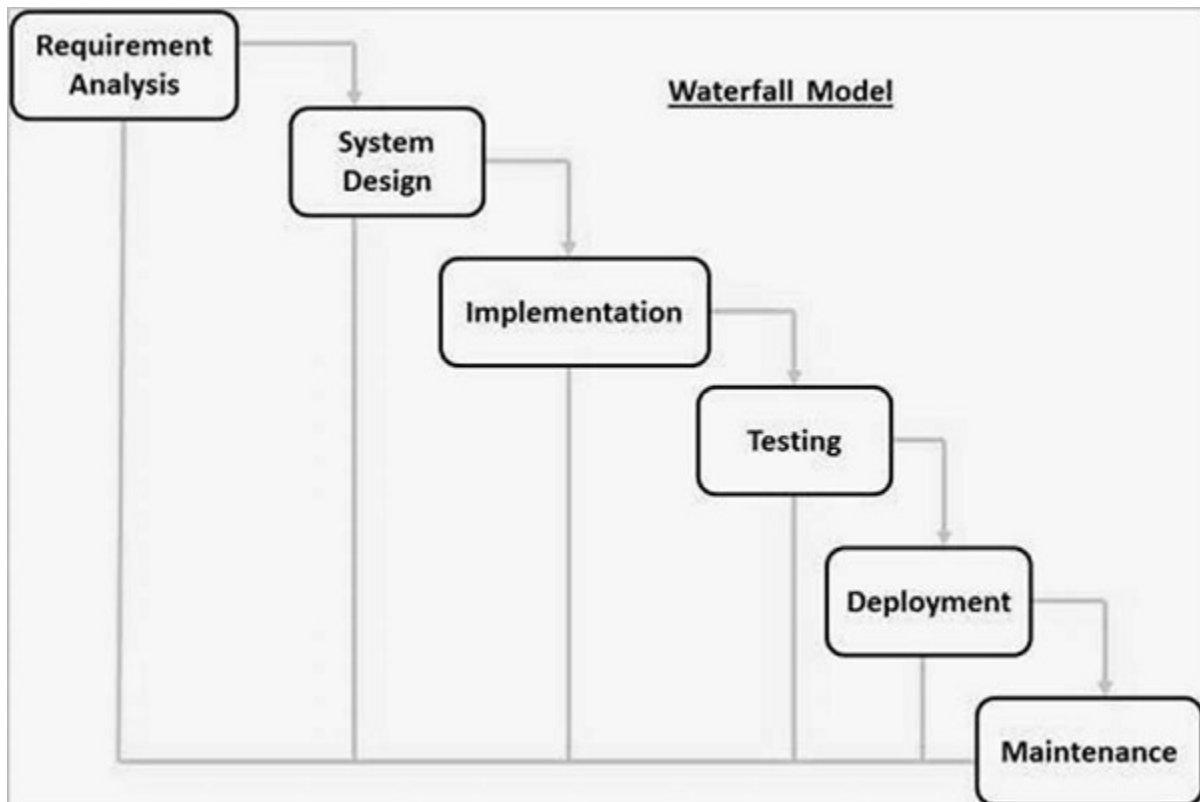
## Life Cycle Models

There are Various software development life cycle models defined and designed which are followed during software software development process. These models are also referred as “software Development Process Models”. Each process model follows a series of steps unique to its type ,in order to ensure success in process of software development.

Following are the most important and popular SDLC models followed in the Industry:

- Waterfall Model
- Iterative Model
- Spiral Model
- Prototype Model
- Evolutionary Model

In this project, Waterfall Model is Followed.



- **Waterfall Model Design:**

Waterfall approach was first SDLC Model to be used widely in Software Engineering to ensure success of the project. In "The Waterfall" approach, the whole process of software development is divided into separate phases. In this Waterfall model, typically, the outcome of one phase acts as the input for the next phase sequentially. The following illustration is a representation of the different phases of the Waterfall Model.

The sequential phases in Waterfall model are –

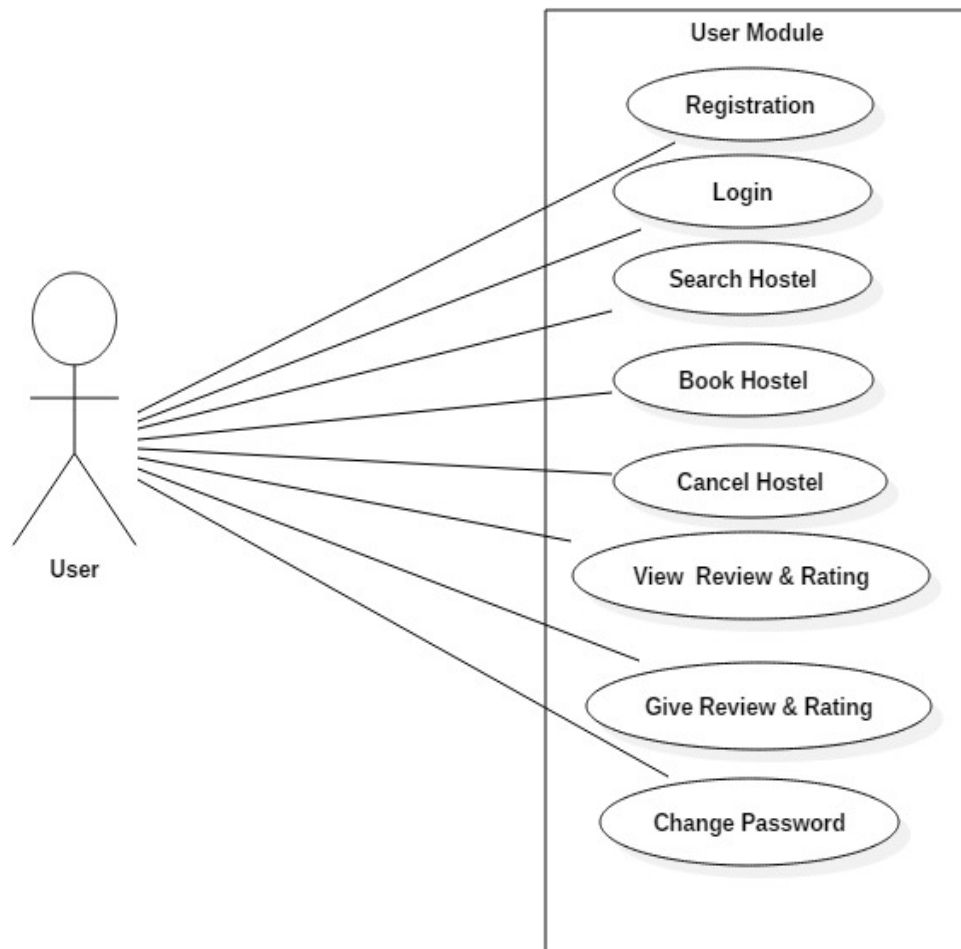
- Requirement Gathering and analysis – All possible requirements of the system to be developed are captured in this phase and documented in a requirement specification document.
- System Design – The requirement specifications from first phase are studied in this phase and the system design is prepared. This system design helps in specifying hardware and system requirements and helps in defining the overall system architecture.
- Implementation – With inputs from the system design, the system is first developed in small programs called units, which are integrated in the next phase. Each unit is developed and tested for its functionality, which is referred to as Unit Testing.
- Integration and Testing – All the units developed in the implementation phase are integrated into a system after testing of each unit. Post integration the entire system is tested for any faults and failures.
- Deployment of system – Once the functional and non-functional testing is done; the product is deployed in the customer environment or released into the market.
- Maintenance – There are some issues which come up in the client environment. To fix those issues, patches are released. Also to enhance the product some better versions are released. Maintenance is done to deliver these changes in the customer environment.

All these phases are cascaded to each other in which progress is seen as flowing steadily downwards (like a waterfall) through the phases. The next phase is started only after the defined set of goals are achieved for previous phase and it is signed off, so the name "Waterfall Model". In this model, phases do not overlap.

## System Design

### Use Case Diagrams

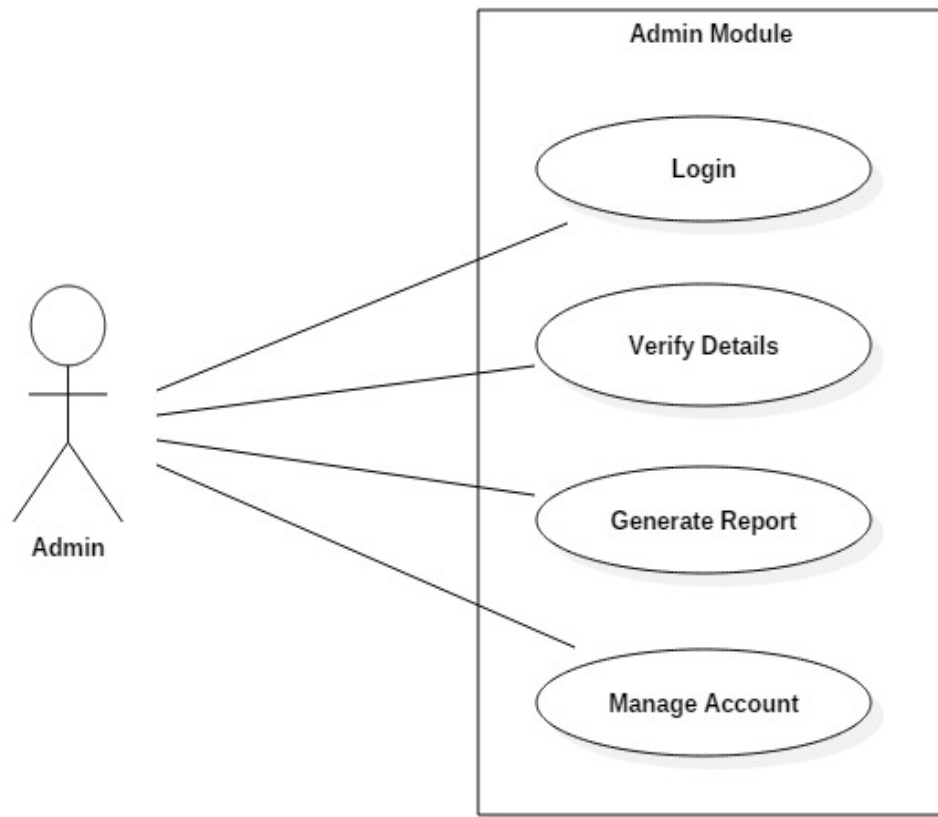
**User:**



1. In User case diagram User is actor.
2. User can handle following use cases
  - a. Registration
  - b. Login
  - c. Search Hostel
  - d. Book Hostel

- e. Cancel Booking
- f. View Review & Rating
- g. Give Review & Rating
- h. Change Password

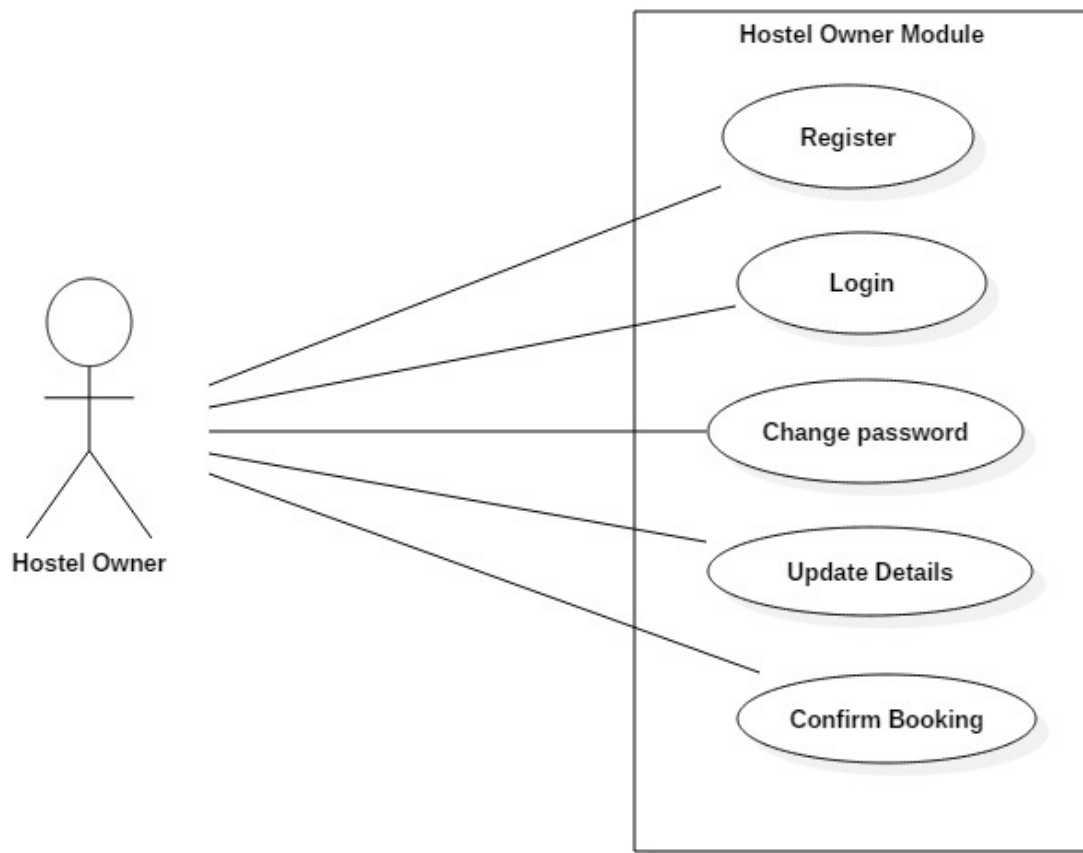
## Admin:



1. In Admin case diagram Admin is actor.
2. Admin can handle following use cases
  - a. Login
  - b. Verify Details
  - c. Generate Report

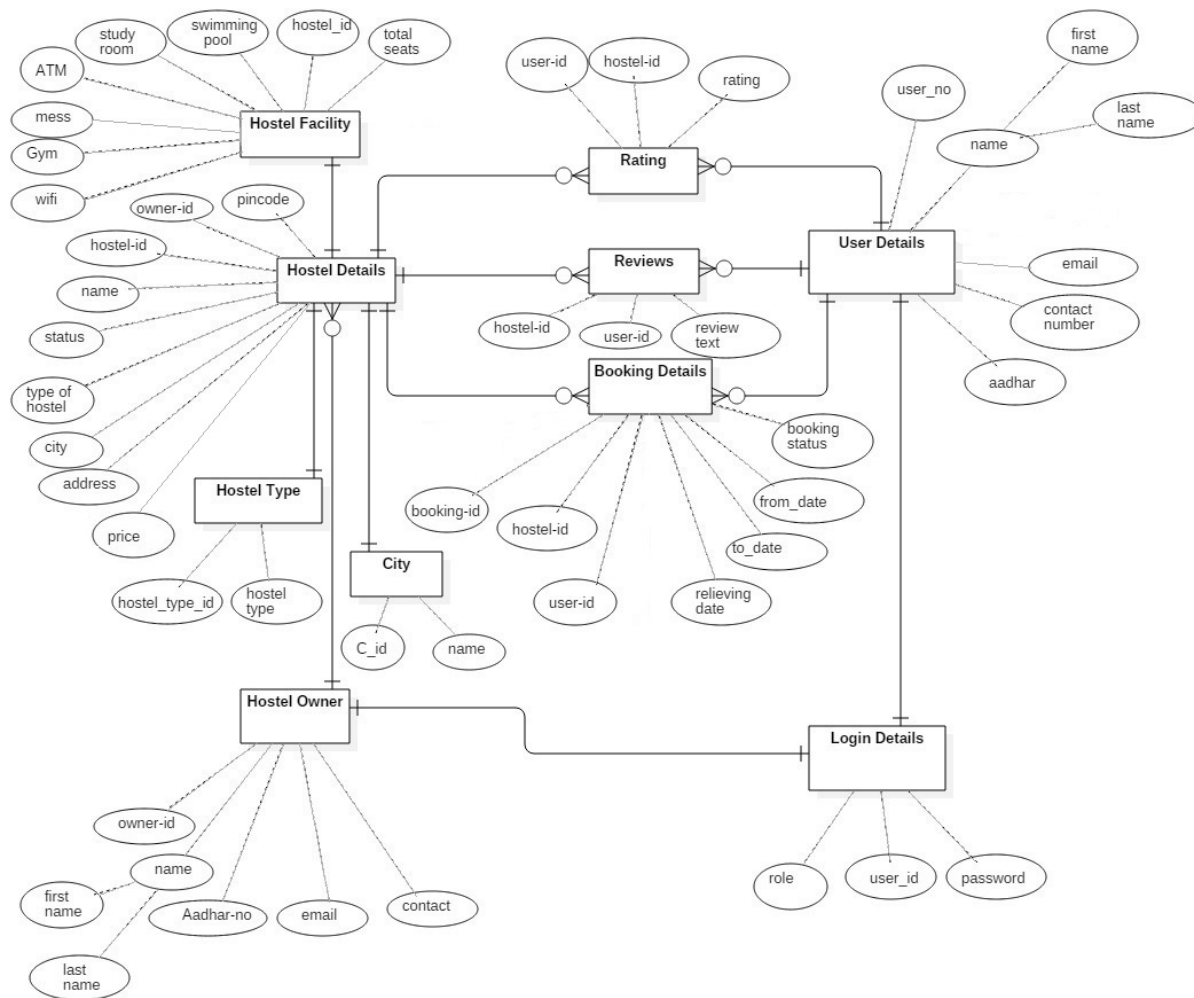
d. Manage Account

**Hostel-Owner:**



1. In Hostel-owner case diagram Hostel-owner is actor.
2. Hostel-owner can handle following use cases
  - a. Register
  - b. Login
  - c. Change Password
  - d. Update Details
  - e. Confirm Booking

## ER Diagram:



**Figure: ER-Diagram**

Above E-R Diagram shows that database of Online Hostel Boking system consist of following entities:

- **Login\_Details**

User ,Hostel\_Owner and the admin will log in to the Application using username and password.

- **User**

Account Creation process needs following information :

First\_name,Last\_name,email,contact\_no,aadhar\_no .All these registration details are stored in database after the successful registration.

- **Hostel\_owner**

Account Creation process needs following information :

First\_name,Last\_name,email,contact,aadhar\_no

All these registration details are stored in database after the successful registration.

- **Hostel\_Details**

To Add the Hostel the hostel owner need to provide following type of information:

Hostel name, type\_of\_hostel,city,address,pincode,price

- **Hostel\_type**

This entity contains the hostel\_type\_id,Hostel\_type attributes.

- **Hostel\_facility**

This entity contains hostel\_id, total\_seats, mess, study\_room, gym, swimming pool, wifi, atm attributes.

- **city**

This entity contains city\_id and city\_name attributes.

- **ratings**

This entity contains hostel\_id,user\_id, ratings attributes.

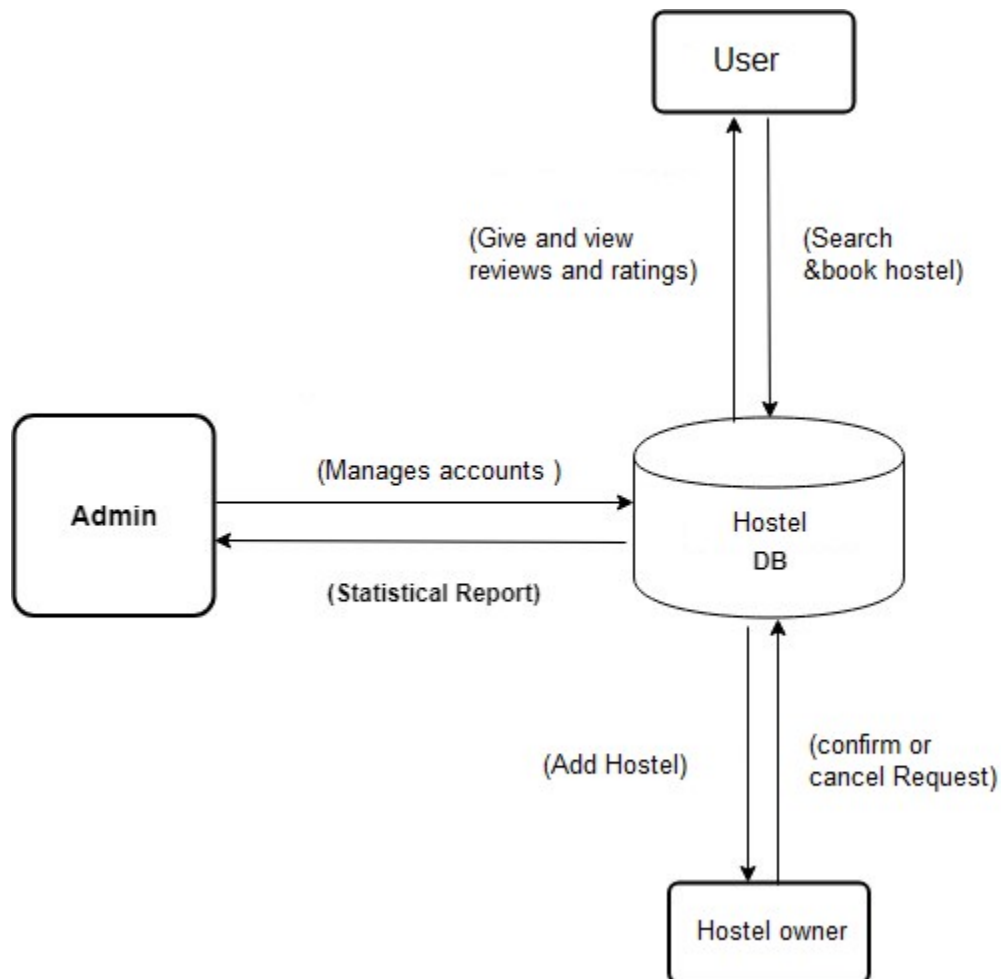
- **reviews**

This entity contains hostel\_id,user\_id, reviews attributes.

- **Booking\_id**

This entity contains booking\_id,hostel\_id,user\_id,from\_date,to\_date, Booking\_status,relieving\_date attributes.

- **Data Flow Diagram:**
- **0-Level DFD:**

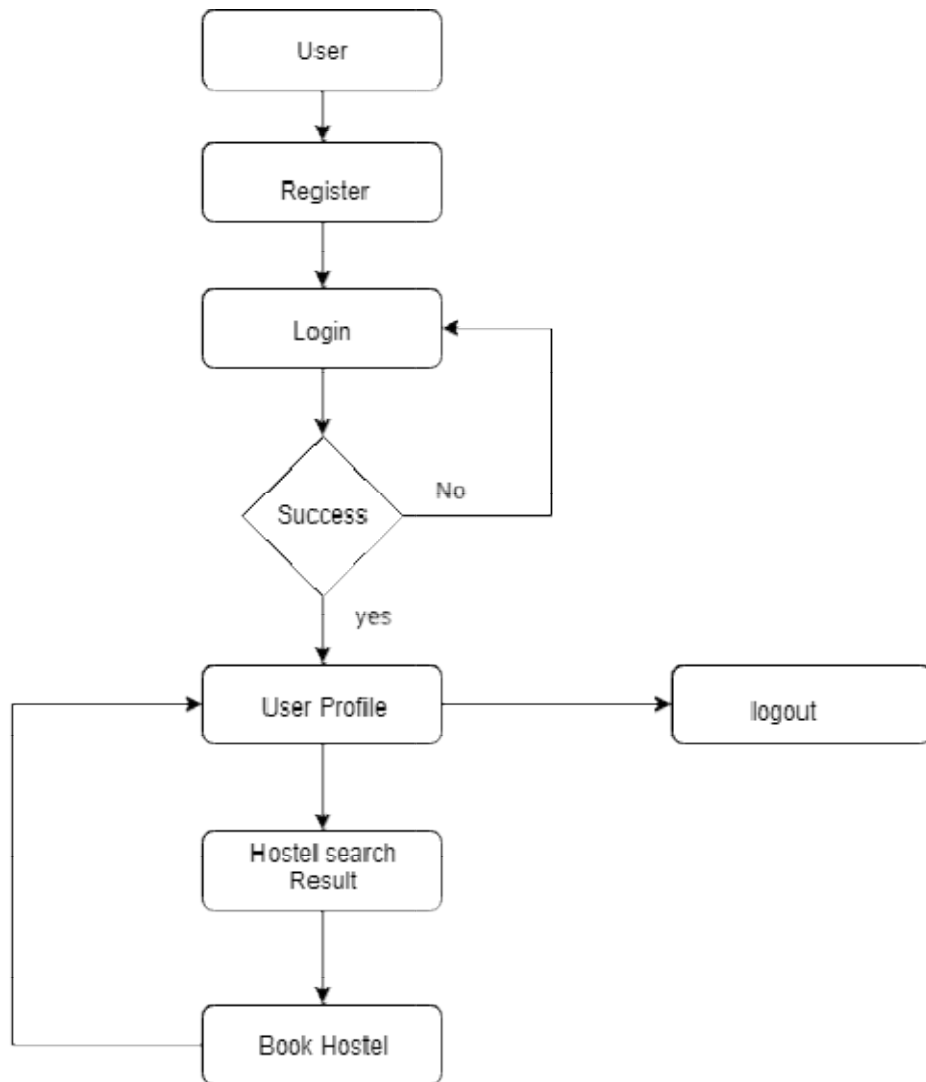


*Fig. 0-Level DFD*

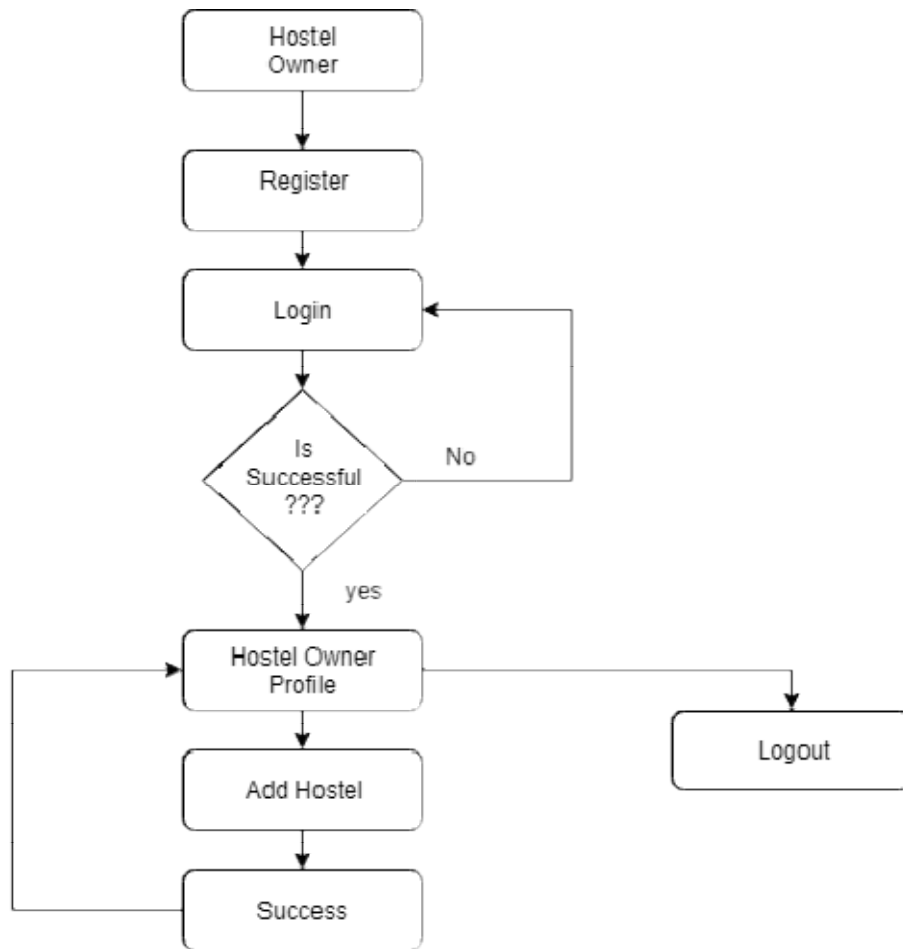
- In 0-Level DFD, there are three Entities:
- User
- Admin
- Hostel\_Owner



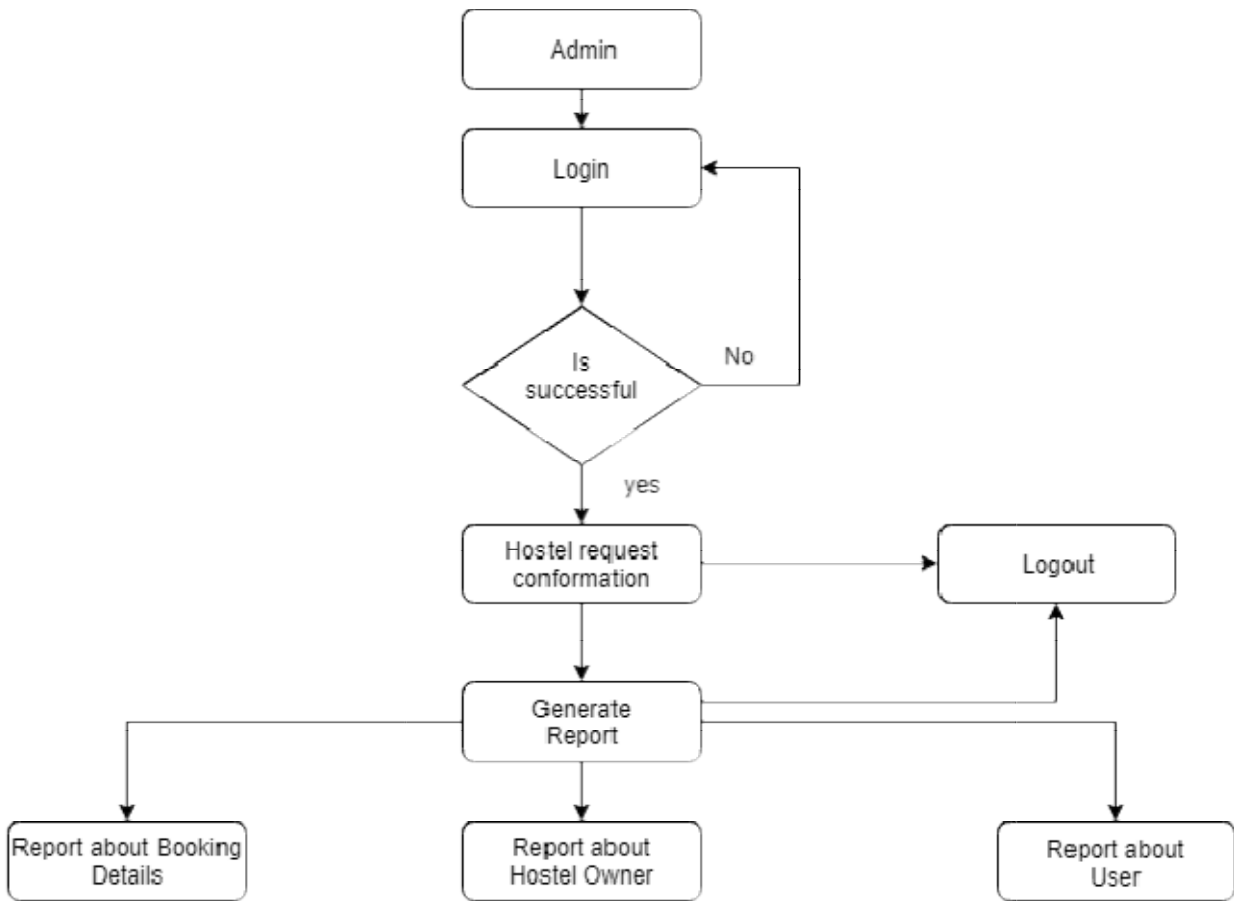
## Page Navigation:



**Figure: USER Page Navigation**

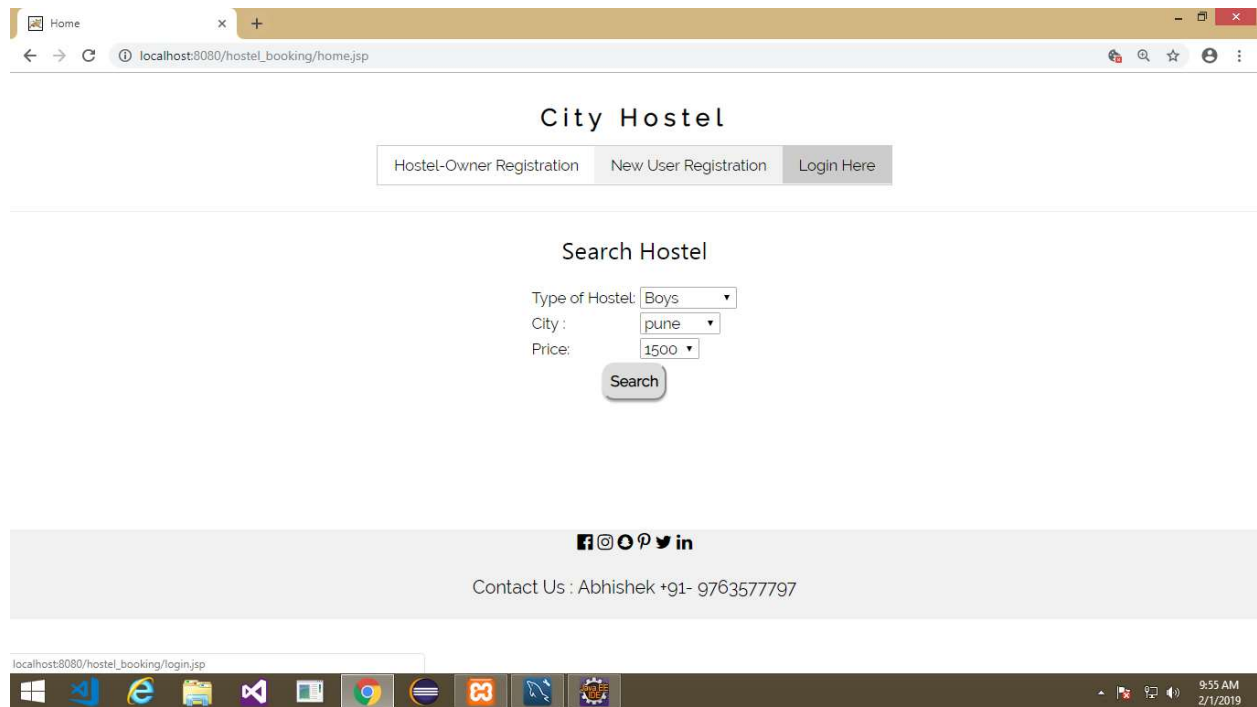


**Figure: HOSTEL\_OWNER Page Navigation**



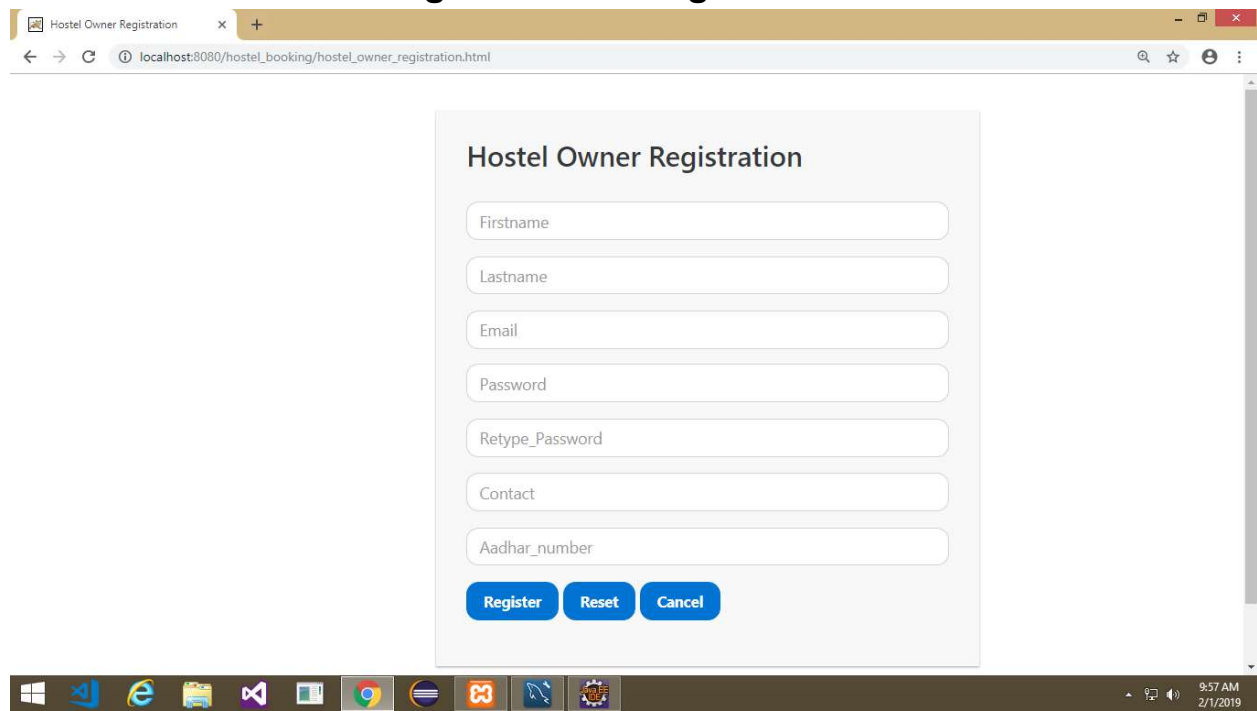
**Figure: ADMIN Page Navigation**

## ScreenShot:



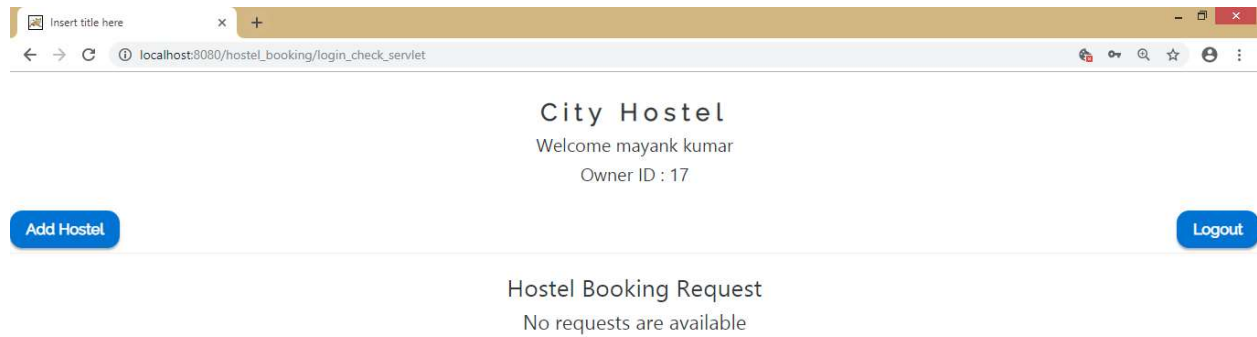
The screenshot shows a web browser window with the address bar displaying 'localhost:8080/hostel\_booking/home.jsp'. The page title is 'City Hostel'. Below the title, there are three buttons: 'Hostel-Owner Registration', 'New User Registration', and 'Login Here'. A 'Search Hostel' section follows, containing three dropdown menus for 'Type of Hostel' (set to 'Boys'), 'City' (set to 'pune'), and 'Price' (set to '1500'). A 'Search' button is positioned below these dropdowns. At the bottom of the page, there is a social media bar with icons for Facebook, Instagram, Twitter, and LinkedIn, followed by the text 'Contact Us : Abhishek +91- 9763577797'. The Windows taskbar at the bottom shows various application icons and the system clock indicating 9:55 AM on 2/1/2019.

**Figure: Home Page**



The screenshot displays a web browser window with the address bar showing 'localhost:8080/hostel\_booking/hostel\_owner\_registration.html'. The page features a 'Hostel Owner Registration' form with the following fields: 'Firstname', 'Lastname', 'Email', 'Password', 'Retype\_Password', 'Contact', and 'Aadhar\_number'. At the bottom of the form, there are three buttons: 'Register' (in blue), 'Reset', and 'Cancel' (in blue). The Windows taskbar at the bottom shows the same application icons and system clock as the previous screenshot, indicating 9:57 AM on 2/1/2019.

**Figure :Hostel-Owner Registration**



**Figure : Hostel-owner Profile**

A screenshot of a web browser showing the 'Hostel Registration Form'. The browser's address bar displays 'localhost:8080/hostel\_booking/add\_hostel.html'. The form is titled 'Hostel Registration Form' and is contained within a light gray box. The form fields include: 'Type Of Hostel:' with radio buttons for 'Boys', 'Girls', and 'For Both'; 'Name Of Hostel:' with a text input field; 'Address:' with a text input field; 'Select City:' with a dropdown menu showing 'Pune'; 'Pin Code:' with a text input field; 'Facilities:' with checkboxes for 'Gym', 'Mess', 'Study Room', 'WiFi', 'ATM', and 'Swimming Pool'; 'Total Seats:' with a text input field; and 'Price:' with a text input field. At the bottom of the form, there are three buttons: 'Add Hostel', 'Reset', and 'Cancel'. The browser's taskbar at the bottom shows various application icons and the system clock indicating 10:00 AM on 2/1/2019.

**Figure : Add-Hostel Page**

## ADMIN:

Log in

Username

Password

LOGIN

[New User? Register as User](#)  
[Register as Hostel-Owner...](#)

[Back to Home](#)

Figure : Login-Page

City Hostel

Welcome, You have logged in as a Admin

Logout

Hostel-Registration Request

Hostel ID	Owner Name	Contact	Hostel Name	Address	City	Verify	
10	abhishek gadhave	8590741233	Priyadarshani Hostel	Shivaji nagar Solapur	solapur	Confirm	Cancel
12	abhishek gadhave	8596741233	Abhishek Hostel	Nigdi Pimpri-Chinchwad	pune	Confirm	Cancel
20	mayank kumar	8089603215	kumars hostel	viman nagar,pune	pune	Confirm	Cancel

View Details

Figure : Admin\_profile page

Owner details report

localhost:8080/hostel\_booking/owner\_report\_servlet

[Back To Home](#)

### Hostel Owner Registration Report

Owner ID	First name	last Name	Aadhar	Email	Contact
1	Tushar	Shinde	345465456987	tushar@gmail.com	9432554567
2	vijay	padmule	214748364745	vijay_ow@gmail.com	9147483647
3	deepak	padmule	456654789987	deepak1@gmail.com	9689625671
4	Daya	tanksale	147852369963	daya12@gmail.com	8596741230
5	abhishek	gadhave	789885588545	abhishek@gmail.com	8596741233
6	paresh	joshi	789858759578	paresh@gmail.com	9563214563
7	Prathmesh	Deshmukh	8698959695	524163987456	prathamesh@gmail.com
8	Sayali	Joshi	8987858486	123654789987	sayali@gmail.com
9	ramesh	patil	8698979495	123456789987	ramesh@gmail.com

10:04 AM  
2/1/2019

Figure : Hostel Registration Report

User Details Report

localhost:8080/hostel\_booking/user\_report\_servlet

[Back To Home](#)

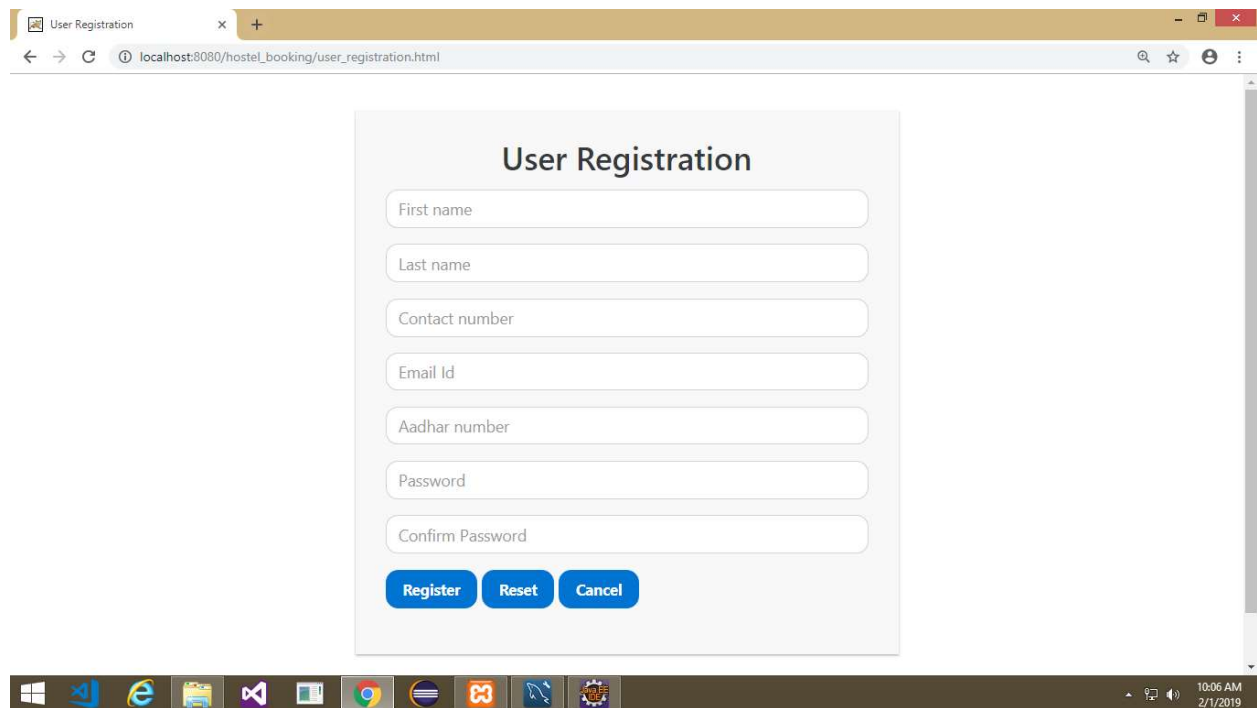
### User Details Report

User ID	First name	Last name	Email	Contact	Aadhar
1	dsf	dsfs	dsfs	435345	545345
7	dsfds	fdsf	dsfdsf	78787878	454545545
8	paresh	joshi	paresh1@gmail.com	9786989798	456789321123
9	rohan	kalp	rohan@gmail.com	4566544566	159357842600
10	vijay	pade	vijay1@gmail.com	4565445665	789987456654
11	15614956dsgfpl	pade	vijay2@gmail.com	4565445665	789987456654
12	144451khj152				
13	deepak	padmule	deepak@gmail.com	9689625671	1234567899887
14	vijay	padmule	vijay@gmail.com	8698989706	123456789987
15	nilesh	shendage	nilesh12@gmail.com	7558986986	025898523214

10:05 AM  
2/1/2019

Figure: User Details Report

User::



The screenshot shows a web browser window with the title "User Registration" and the URL "localhost:8080/hostel\_booking/user\_registration.html". The browser's address bar shows the URL. The page content is a registration form with the following fields: First name, Last name, Contact number, Email Id, Aadhar number, Password, and Confirm Password. Below the fields are three buttons: Register, Reset, and Cancel. The Windows taskbar at the bottom shows the time as 10:06 AM on 2/1/2019.

User Registration

First name

Last name

Contact number

Email Id

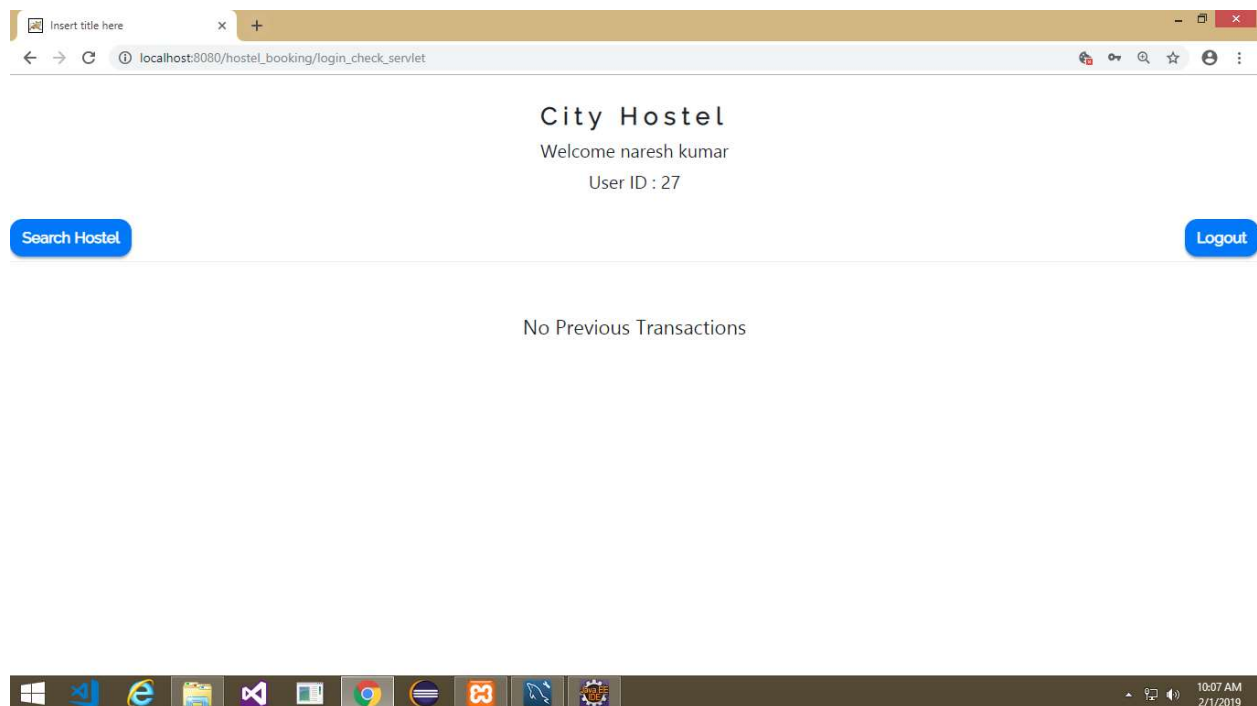
Aadhar number

Password

Confirm Password

Register Reset Cancel

Figure: User Registration



The screenshot shows a web browser window with the title "City Hostel" and the URL "localhost:8080/hostel\_booking/login\_check\_servlet". The browser's address bar shows the URL. The page content displays the user's profile information: "City Hostel", "Welcome naresh kumar", and "User ID : 27". Below this information are two buttons: Search Hostel and Logout. The Windows taskbar at the bottom shows the time as 10:07 AM on 2/1/2019.

City Hostel

Welcome naresh kumar

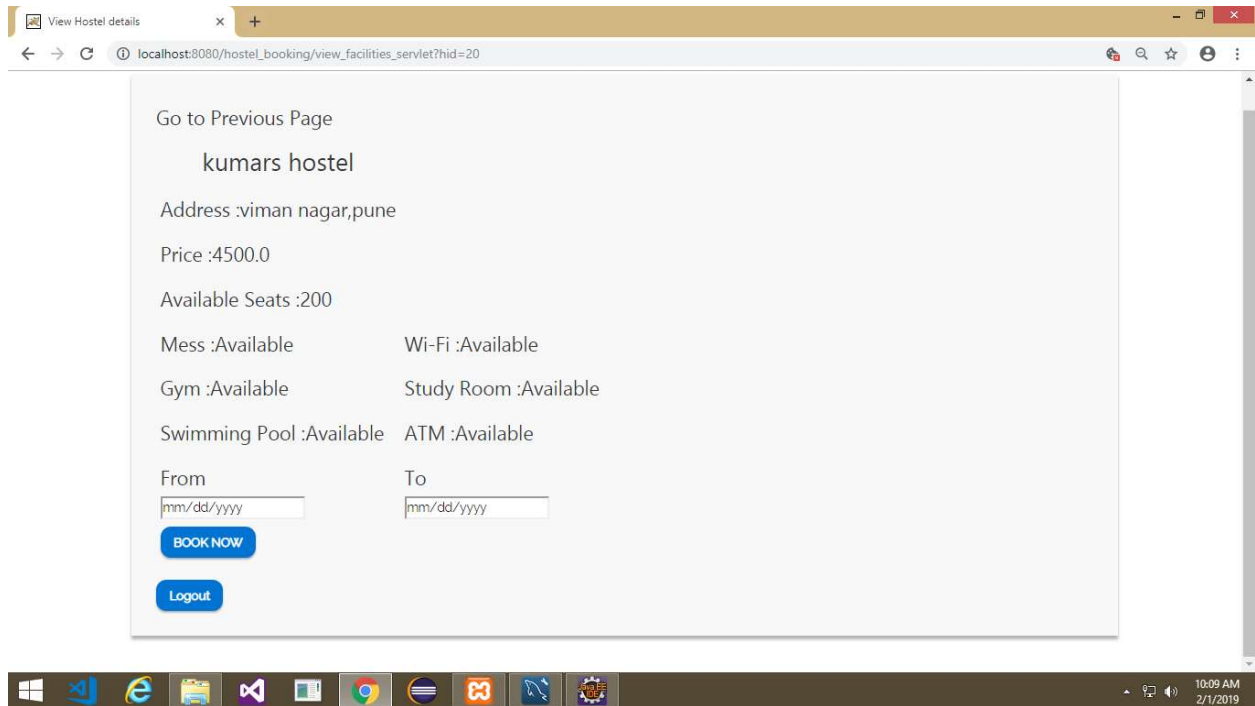
User ID : 27

Search Hostel Logout

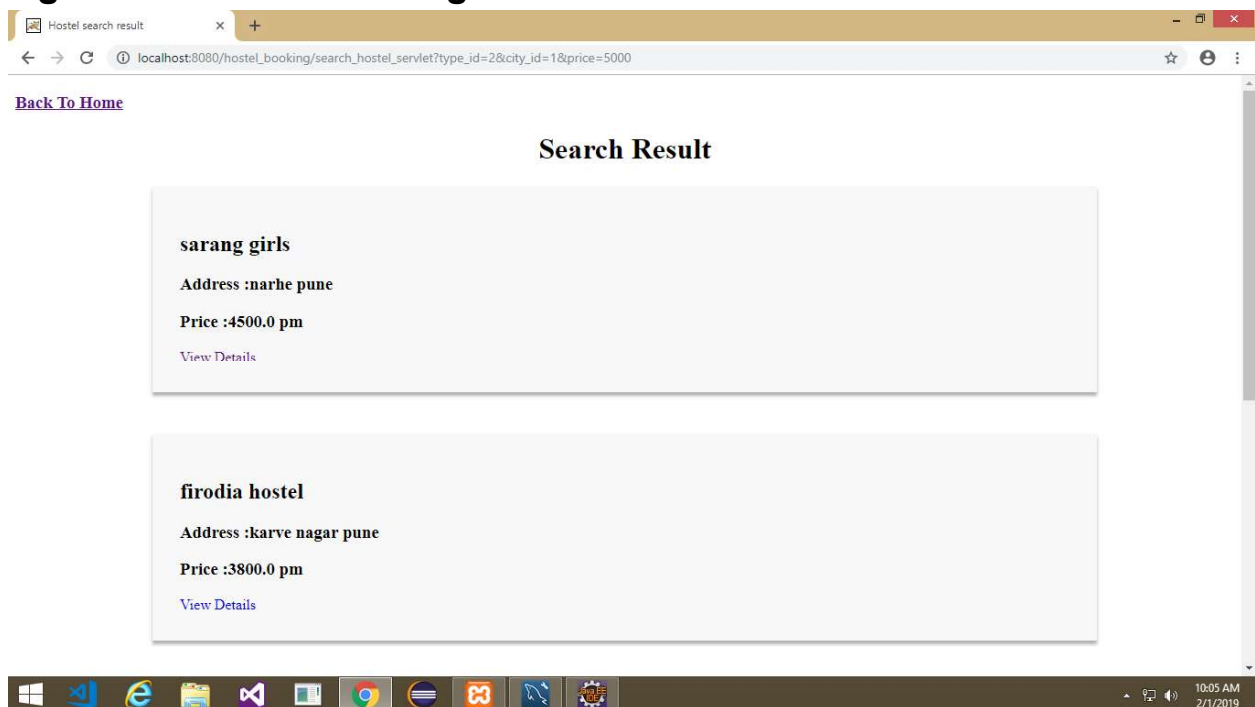
No Previous Transactions

Figure: User Profile Page

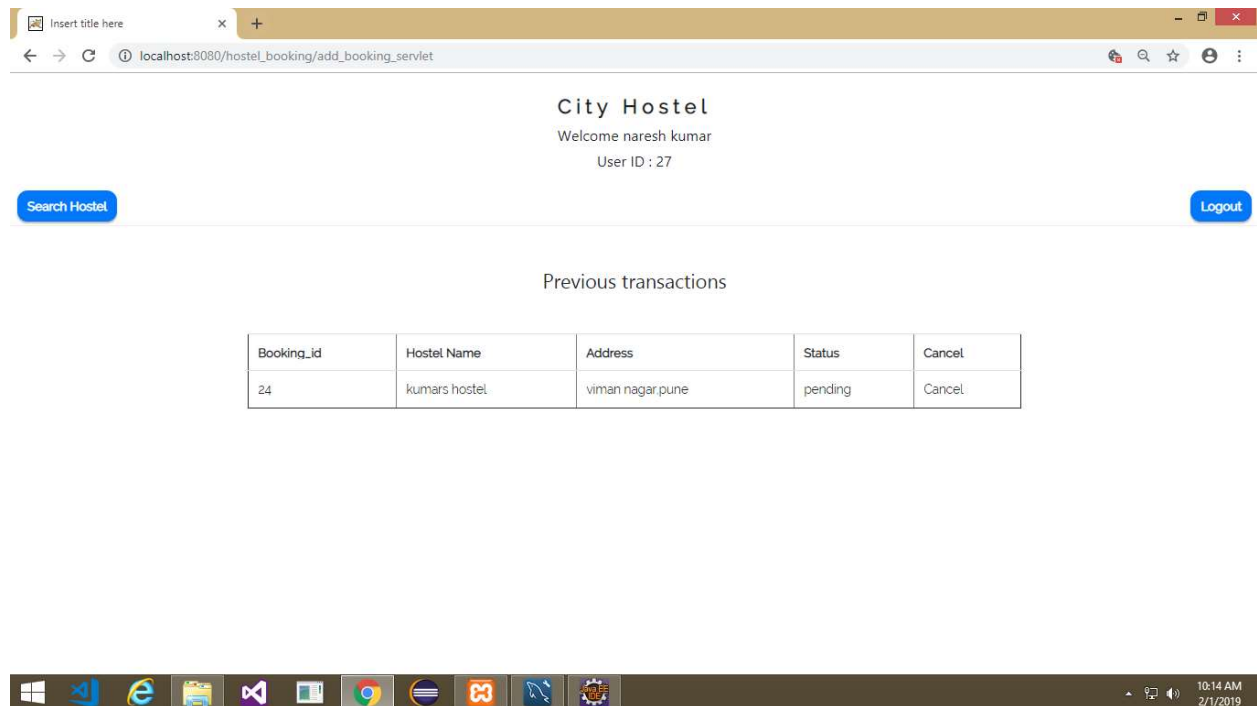




**Figure: Search Hostel Page**



**Figure:Search Result Page**



**Figure : Previous Transactions**

## Conclusion And Future Scope

- According to existing system there is no online payment option available..By making the payment online, more convenience can be added to the system.
- Online Ratings and reviews:

There will be the provision for the users to give the ratings to the Hostels on the scale of Five .The users can also share their experience & feedbacks for the Hostel they visited, which will be helpful for the new users when they are using this system for booking the hostels.

- In the future scope, this system will be available in local languages and also available in the form of mobile app so it will be more beneficial for the users.