

1.1 Project Description

The Student Housing System is developed to facilitate application for accommodation online. The Student Residence Management System will be able to notify and confirm all room allocations.

Room allocation confirmations would be sent by email to students who were given accommodation. The development of this system also focuses on security of the information and privileges and access rights are attributed to students and administrators.

The landlords who would like to give their property on rent to students can come on our site, register themselves and upload details of the property they want to rent.

At the present time, students roam in the city to find rooms to stay and on cheap rate, getting a property as a bachelor is very hard in cities. Since the new system to be adopted is computerized, it will show nearby PG's, Apartments, Hostels, and there is a unique feature Find a Roommate, so it would be a one-stop solution for students finding a property for rent.

The new residence application system will help to eliminate the paper-based applications thereby speeding up processing as details will be captured in the database. This will help to eliminate the delays caused by the sequential checking of each residence for the availability of rooms. The system will check automatically for the available rooms to help accelerate the room allocation process thus making it hassle-free.

1.2 Project Profile

Project Profile	
Project Title	Student Housing System
Project Category	Web Site
Time Duration	6 Months
Front End Tool	PHP CodeIgniter
Back End Tool	MySQL
Internal Guide	Asst. Prof. Rinku J. Thakkar
External Guide	Mr. Paras Mangukiya
Browser	<ul style="list-style-type: none">• Google Chrome.• Mozilla Firefox.• Internet Explorer.• Opera Browser.
Documentation Tools	<ul style="list-style-type: none">• MS Office 2016• E-Draw Max
Submitted To	Sutex Bank College of Computer Applications & Science, Amroli.
Developed By	<ul style="list-style-type: none">• Mr. Krunal Maheshbhai Dharaiya. (317)• Mr. Nikunj Nandlalbhai Katariya. (362)• Mr. Sagar Manharbhai Pipaliya. (442)

2.1 Hardware & Software Requirement

The efficient hardware and software configuration requires to run the system is as suggest below. The configuration suggested is for better performance. Same functionality or higher configuration will always better.

Hardware Requirements (Minimum)	
Processor	Intel(R) Core(TM) i3-6006U CPU @ 2.00GHz
RAM	1.00 GB
Hard Disk	50 GB

Software Requirements (Minimum)	
Operating System	Microsoft Windows XP,7,8.1,10
Front End	WampServer 2.5
Back End	MYSQL 5.6.17
Framework	CodeIgniter 3.1.6
Software	Net Beans 8.2
Browsers	<ul style="list-style-type: none">• Google Chrome.• Mozilla Firefox.• Opera Browser.• Internet Explorer.

2.2 Technology Used

✓ PHP



- **Features of PHP**

- **Standard CGI, Fast CGI and Apache module support**

As a standard CGI program, PHP can be installed on any UNIX machine running any UNIX web server. With support for the new Fast CGI standard, PHP can take advantage of the speed improvements gained through this mechanism.

- **Access Logging**

With the access logging capabilities of PHP, users can maintain their own hit counting and logging. It does not use the system's central access log files in any way, and it provides real-time access monitoring.

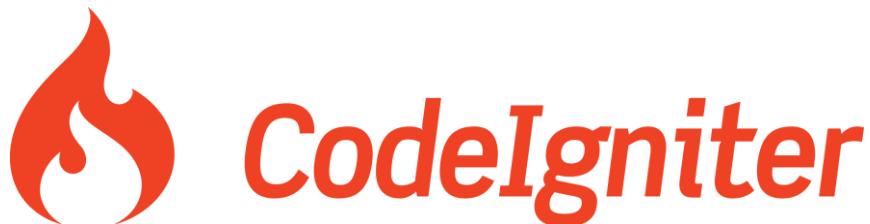
- **Access Control**

A built-in web-based configuration screen handles access control configuration. It is possible to create rules for all or some web pages owned by a certain person which place various restrictions on who can view these pages and how they will be viewed.

- **Case Sensitive**

PHP is case sensitive scripting language at time of variable declaration. In PHP, all keywords, classes, functions, and user-defined functions are NOT case-sensitive.

✓ **Codelgniter**



- Codelgniter is a powerful PHP framework with a very small footprint, built for developers who need a simple and elegant toolkit to create full-featured web applications.
- Codelgniter is an open source rapid development web application framework, for use in building dynamic web sites with PHP.
- The first public version of Codelgniter was released on February 28, 2006, and the latest stable version 2.2.1 was released January 22, 2015.
- While controller classes are a necessary part of development under Codelgniter, models and views are optional.
- Codelgniter is most often noted for its speed when compared to other PHP frameworks.
- In a critical take on PHP frameworks in general, PHP creator Rasmus Lerdorf spoke at Free & Open Source Software Conference in August 2008, noting that he liked Codelgniter because it is faster, lighter and the least like a framework.
- On July 9, 2013, Ellis Lab announced that it was seeking a new owner for Codelgniter, citing a lack of resources to give the framework the attention they felt it deserved.

✓ **Wamp Server**



- WAMP stands for “Windows, Apache, and MySQL & PHP.” Wamp is a variation of LAMP for windows systems and is often installed as a software bundle (Apache, MySQL & PHP). It is often used to web development & internal testing but may also be used to serve live apps or websites.
- Wamp also includes MySQL & PHP, which are two of the most common technologies used for creating dynamic websites or application.
- MySQL is a high-speed database, while PHP is a scripting language that can be used to access data from the database.
- By installing these two components locally, a developer can build & test a dynamic website & application before publishing it to a public server.
- While Apache, MySQL, & PHP are open source components that can be installed individually, they are usually installed together one popular package is called “Wamp server”, which provides a user-friendly way to install & configure the “AMP” components on windows.
- Wamp Server is the only packaged solution that will allow you to reproduce your Production server.

✓ **MySQL**



- MySQL is an open source relational database management system (RDBMS) based on structured Query Language (SQL).
- In contrast to other database management system, MySQL is not a separate process that is accessed from the client application, but an integral part of it.
- MySQL is a popular choice as embedded database for local/client storage in application software such as web browsers.
- It is arguably the most widely deployed database engine, as it is used today by several widespread browsers.
- SQLite is a popular choice as embedded database software for local/client storage in application software such as web browsers.
- It is arguably the most widely deployed database engine, as it is used today by several widespread browsers, operating systems, & embedded, among others. SQLite has bindings to many programming languages.
- MySQL is a fast, easy-to-use RDBMS being used for many small and big businesses. MySQL is developed, marketed and supported by MySQL AB, which is a Swedish company.

✓ **JavaScript**



- JavaScript is a programming language that can be included on web page to make them more interactive.
- You can use it to check or modify the content of forms, change images, open new Windows and write dynamic page content.
- You can even use it with CSS to make DHTML (Dynamic Hypertext Language). This allows you make parts of your web pages appear or disappear or move around on the page.
- JavaScript is a client side, interpreted, object oriented, high level scripting language, while java is a client side, compiled, object oriented high level language.
- Initially only implemented client-side in web browsers, JavaScript engines are now embedded in many other types of host software, including server-side in web servers and databases, and in non-web programs such as word processors and PDF software, and in runtime environments that make JavaScript available for writing mobile and desktop applications, including desktop widgets.
- Although there are similarities between JavaScript and Java, including language name, syntax, and respective standard libraries, the two languages are distinct and differ greatly in design.
- JavaScript was influenced by programming languages such as self and scheme.

✓ **JQuery**



- JQuery is a cross-browser JavaScript library designed to simplify the client-side Scripting of HTML.
- It was released in January 2006 at BarCamp NYC by John Resig
- Used by over 55% of The 10,000 most visited websites, JQuery s most popular JavaScript library in use today.
- JQuery is free, open source software, dual-licensed under the MIT License or the GNU General Public License, version 2.
- JQuery's syntax is designed to make it easier to navigate a document, select DOM Elements, create animations, handle events, and develop Ajax application.
- The modular to the JQuery library allows the creation of powerful dynamic web page and web applications.
- JQuery's syntax is designed to make it easier to navigate a document, select DOM elements, create animations, handle events, and develop Ajax applications. JQuery also provides capabilities for developers to create plug-ins on top of the JavaScript library.
- This enables developers to create abstractions for low-level interaction and animation, advanced effects and high-level, theme able widgets.
- The modular approach to the jQuery library allows the creation of powerful dynamic web pages and Web applications.

✓ **AJAX**



- The term Ajax is used to describe a set of technologies that allowed browsers to provide User with a more natural browser experience.
- Before Ajax, web sites forced their users into the submit/wait/redisplay paradigm, where the user's actions were always synchronous with the server's "think time".
- Ajax provide the ability to communicate with the sever asynchronously, thereby freeing the user experience from the request/ response cycle.
- With Ajax, when user click a button, you can use JavaScript and DHTML to immediately Update the UI, and spawn asynchronous request returns, you can then use JavaScript CSS to update the UI accordingly without referencing the entire page.
- Most importantly, users don't even know your code is communicating with the server, the Web site feels like it's instantly responding.
- With AJAX, when you hit submit, JavaScript will make a request to the server, interpret the results, and update the current screen.
- In the purest sense, the user would never know that anything was even transmitted to the server.

✓ **JSON**



- In computing, JavaScript Object Notation (JSON) is an open-standard file format that uses human-readable text to transmit data objects consisting of attribute–value pairs and array data types.
- It is data format used for asynchronous browser–server communication, including as a replacement for XML in some AJAX-style systems.
- JSON is a language-independent data format. It was derived from JavaScript but as of 2017 many programming languages include code to generate and parse JSON-format data.
- The official Internet media type for JSON filenames use the extension (.json).
- Douglas Crockford originally specified the JSON format in the early 2000s, two competing standards, RFC 8259 and ECMA-404, defined it in 2017.
- The ECMA standard describes only the allowed syntax, whereas the RFC covers some security and interoperability considerations.
- JSON is intended as a data serialization format. However, its design as a non-strict subset of JavaScript can lead to the misconception that it is safe to pass JSON strings to the JavaScript function.
- This is not safe, due to the fact that certain valid JSON strings are actually not valid JavaScript code.

✓ **CSS**



- Cascading style sheets (CSS) is a WC3 standard for defining the presentation of web Documents.
- Presentation refers to the way a document is displayed or delivered to the user, whether it's on a computer monitor, a cell phone display, or read aloud by a screen reader.
- This book focuses primarily on the visual aspects of presentation, such as Typography, colours, alignment, layout, and so on.
- CSS is the mechanism for providing these types of style instructions to elements in a Document that has been marked up with XHTML, HTML, or any XML language.
- Most important, CSS keeps these presentation instructions separate from the content & its structural and semantic mark up.
- CSS is easy to learn and understand but it provides powerful control over the presentation of an HTML document. Most commonly, CSS is combined with the mark-up languages HTML or XHTML.
- You can write CSS once and then reuse same sheet in multiple HTML pages. You can define a style for each HTML element and apply it to as many Web pages as you want.

3.1 Existing System & Its Drawbacks

Each and every system has certain drawback that needs them into the improper working or traditional manual system of keeping all patients and different register is quite problematic system and it can be more tedious to use because in some way.

✓ **Drawbacks of Existing System**

- The existing system is highly manual involving a lot of paper work, calculation & therefore may be erroneous. This has led to inconsistency & inaccuracy in the maintenance of the data.
- The data which is stored on the paper only, may be lost, stolen or destroyed due to natural calamity like fire & water.
- The existing system is sluggish & consumes a lot of time causing inconvenience to students & employees.
- Due to manual nature, it is difficult to update, delete, add or view the data.
- Since the number of students have drastically increased therefore maintaining & retrieving detailed record of every student is extremely difficult.

3.2 Feasibility Study

The feasibility of our project has been judged on the basis of time, technology, resources available and project length.

✓ **Time**

This project takes at least 3 months to be completed if we take help of reused components, otherwise it may take more than 5 months to be completed.

✓ **Technology**

This project is built on PHP platform which is worldwide already standard. Therefore, the technical risk is not so high hence feasible.

✓ **Resources**

Good technology professionals are a basic requirement. Internal and favorable environment, etc. the resources were fully available.

✓ **Project Size**

The project size is around an average of 500 LOC per class developed. The size is without the Consideration of the past projects. Hence, the project seemed to be normally feasible in above all aspects and so we aimed at undertaking it.

3.3 Requirement Gathering & Analysis

✓ **Requirement Analysis**

- Requirements Analysis is the process of understanding the customer needs and expectations from a proposed system or application and is a well-defined stage in the Software Development Life Cycle model. Requirements are a description of how a system should behave or a description of system properties or attributes. It can alternatively be a statement of 'what' an application is expected to do.
- It is the process of determining user expectations for a new or modified product. The requirements must be quantifiable, relevant and detailed. In software engineering, such requirements are often called functional specifications. Requirement analysis is an important aspect of project management.

✓ **Requirement Gathering**

The choice of method is influenced by the data collection strategy, the type of variable, the accuracy required, the collection point and the skill of the enumerator. Links between a variable, its source and practical methods for its collection can help in choosing appropriate methods. The choice of the many methods for collecting data will depend on the variable to be measured, the source and the resources available. In many cases, there is a natural way to collect particular variables.

- Registration
- Questionnaires
- Interviews
- Direct or Indirect Observations
- Surveys
- Trends and Report

There are many above define methods available of the Data Gathering for the system making. But using any one method you cannot get correct data which you required. There is possibility that by using the one method you can get the data but that data is not that much useful to make the system correct. So, for that using different method for getting the different type of information which helps you to create the required system.

Here, for our system we also used different methods for data gathering.

First, we listen their requirement about the system and what kind of functionality they want into the system. Than we do analysis of that collected data and start to design database. During that we make the questionnaires for doubts. At that time, we also observe their trends of working and the reports.

From all this way we gathered the data and design the database and design of the system. After that still we have any doubt, we asked the question to related person and make clear the doubt and make change in the system and start creating the system.

But there are not like that once you have gathered the data and information and you have start to creating the system and you don't want any other data or information. During the creating the system you also need some type of data and information. So, you have to go to the organization for getting that required data. Sometimes you

Have to also need their opinion about what kind of system functionality and design they want and what kind of design they like.

In this way by using the different method at different place and different level we gathered all the information and the Data.

4.1 Scope

This project introduces an online-based housing system of application for student residence, which will facilitate students to book for the room they want without spending much time roaming on the streets. Also this system will help the management staff to process the application and notify the students timely. Our system will include following operations:

- Application and room booking
- Room inventory management
- Tenancy management. (Landlord properties)
- Rules of Conduct.
- Account management by super admin.

4.2 Project Modules

Our vision implies that the student accommodation system should also be digitalized with fast growing generation and make accommodation more flexible and reliable.

✓ **Super Admin**

- Super Admin will have all the rights over users on the portal, he/she will be managing roles for different type of users.
- Also, there will be a provision where he/she will be able to check total financial details that is carried away by the portal.

✓ **Admin**

- Admin have his own personal login and his main task is to check all the inquiries and charge fees from the students as well as from the landlord (Owner) when needed.
- Approval system for new users in students and landlord (Owner).
- Also, he has rights to validate the property that landlord might have posted on the portal.

✓ **Users**

- Users have to register themselves and login with their username and passwords into the system.
- Users can search for houses on rent near their respected university.

✓ **Landlord (Owner)**

- Landlords (Owner) have to register themselves and login with their username and passwords into the system.
- Landlords (Owner) who want to give their property on rent to students have to upload photos of their property and basic amenities for the students must be fulfilled like study table, cupboard, etc.

4.3 Objectives

Our Project can be used by individuals to provide a platform to the new Hostels & PGs for Students & employees. Using this system Users can easily get the information about Hostels & PG.

- Provide Easily Finding Homes or PGs in Other Cities
- Easy Finding Rental House

4.4 Expected Advantages

✓ Type Wise Search

Now you can check out a property's location on a map and understand its proximity to surrounding physical and social infrastructure: highway, metro station, bus stop, hospitals, cinema halls, schools, parks, ATMs, etc. Thus, you will be able to get a good idea of the amenities available, without having to make a visit to the location.

✓ Verified Properties

Players like Housing.com have data agents who visit Owner's properties and verify as many as 100 data points about each property. Hence, any information available on the portal about the project is authentic and verified.

✓ Online Booking

Many Owners are offering for online booking, either on the website. Even NRIs and people living in other cities, register on the website and choose the project size, payment plan, and then book the hostels / PGs by paying the booking amount online.

✓ Easy Cancellation

Students or employees can cancel their booking within 7 days without any cancellation charges.

5.1 Data Flow Diagram

✓ Data Flow Diagram Serves Two Purposes

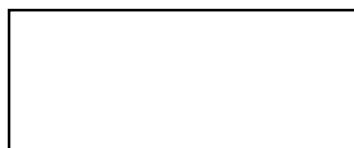
- It provides a Graphical tool. This can be used by the analysis to explain his understanding if the system to thee user.
- It can readily convert into a structured chart which is used only for elements.

✓ Data Flow Diagram Element

A Data Flow Diagram needs to be simple because user has to go through it, understand suggest correction or changes.

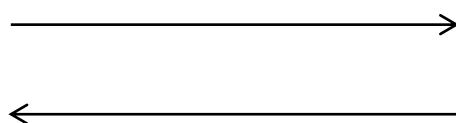
- **External Entity**

A source or destination of data which is external to the system.



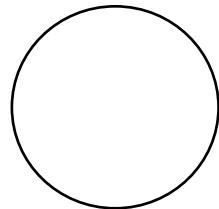
- **Data Flow**

A data flow portrays an interface among different components in the flow diagram. It represents the part of the data as it flows through a system. An arrow represents it.



- **Processes**

A process represents some amount of work using behavior of data. A process does transformation of data from one to another.



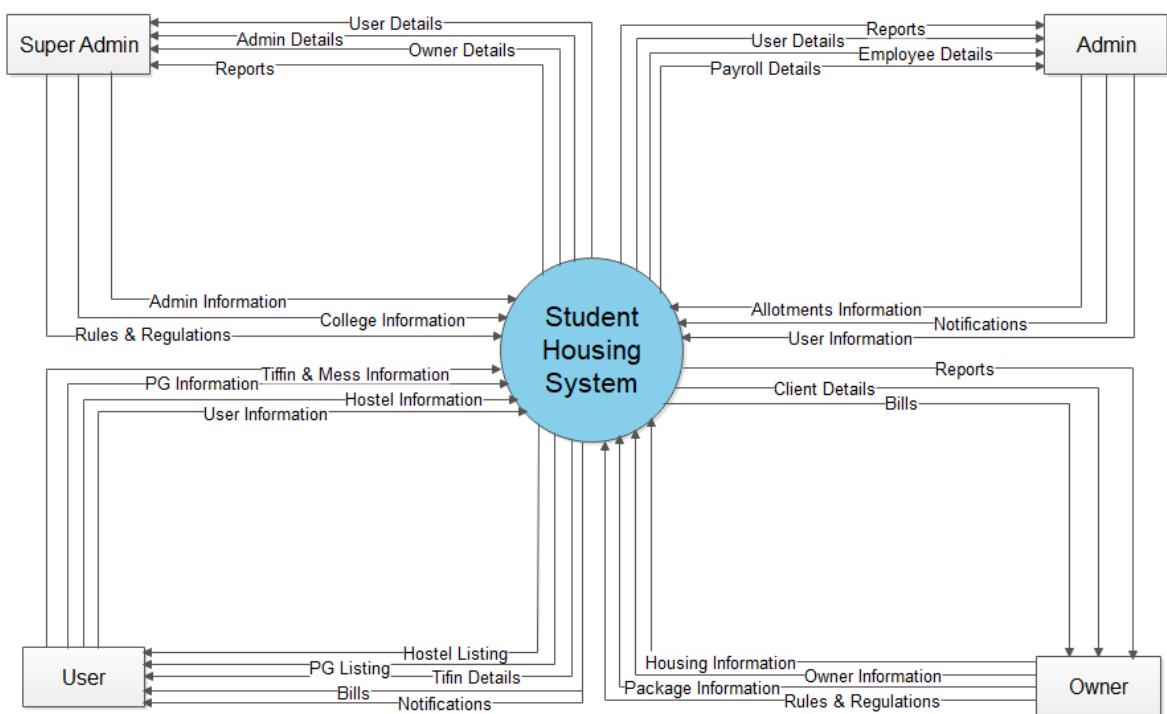
- **Data Stores**

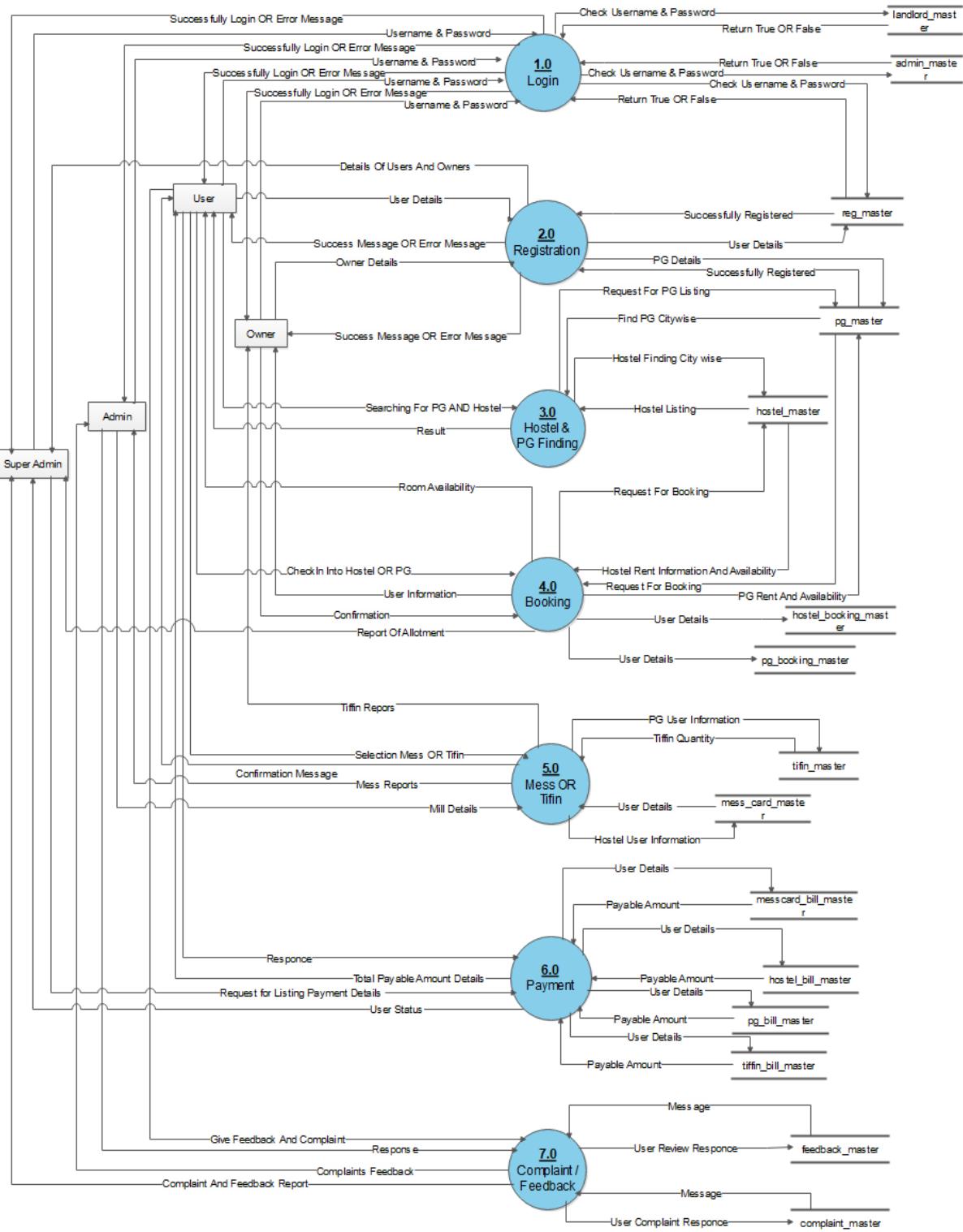
Any store data but no reference to the physical method of storing. If there is a logical requirement for the data to be stored, it is represented by an open-ended rectangle.

In the DFD diagram we define the flow of data and how the system data flow is managed by grouping the data with the entity relationship. In this way we find out the need of the system and manage it in a particular way by which we can easily access with the system.

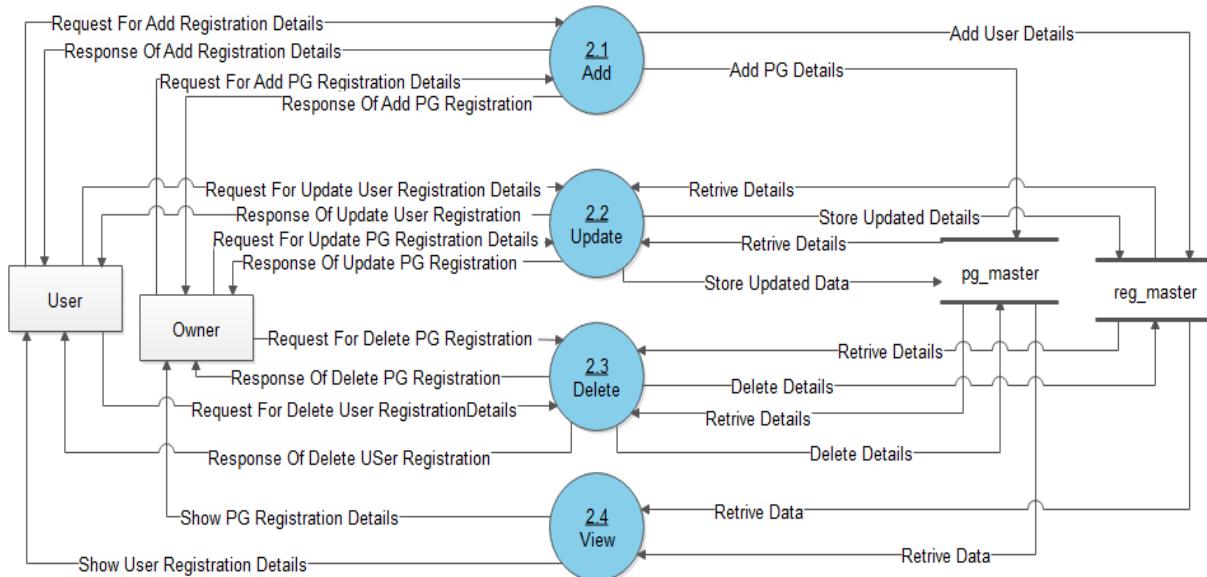
By the use of DFD diagram all the complete data flow is understood by the system analysis. Here in our DFD there is once the patient is going for treatment the management of hospital first inform the patient that which kind of treatment is available and what kind of task is performed by the person and which kind of function should be implemented by the management person who is managing.

✓ **Context Level DFD**

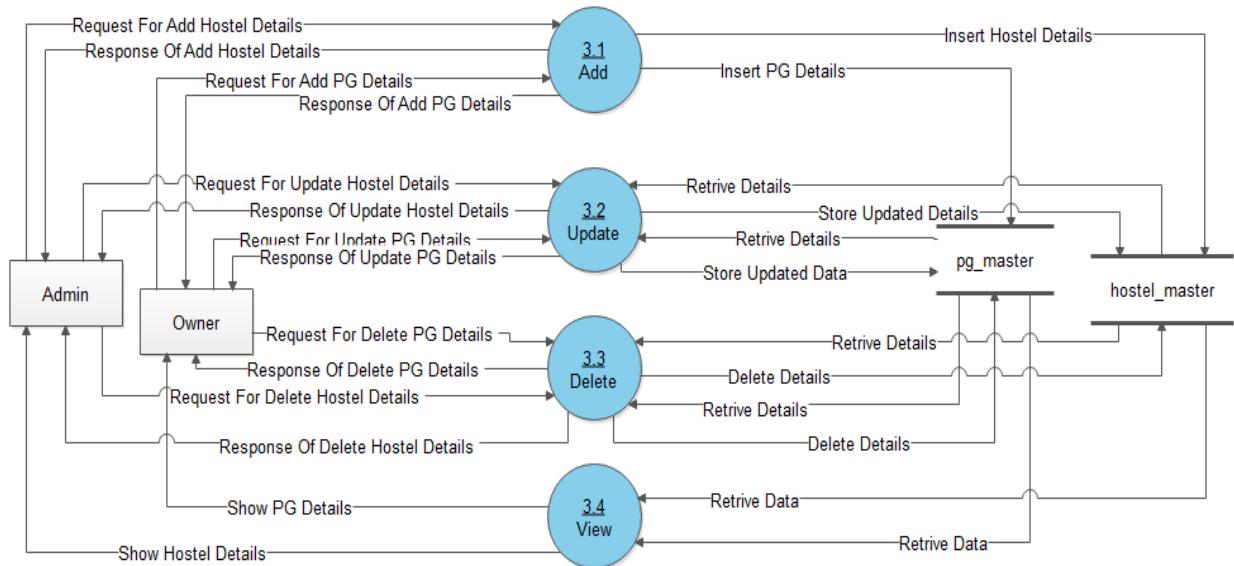


✓ **1st Level DFD**


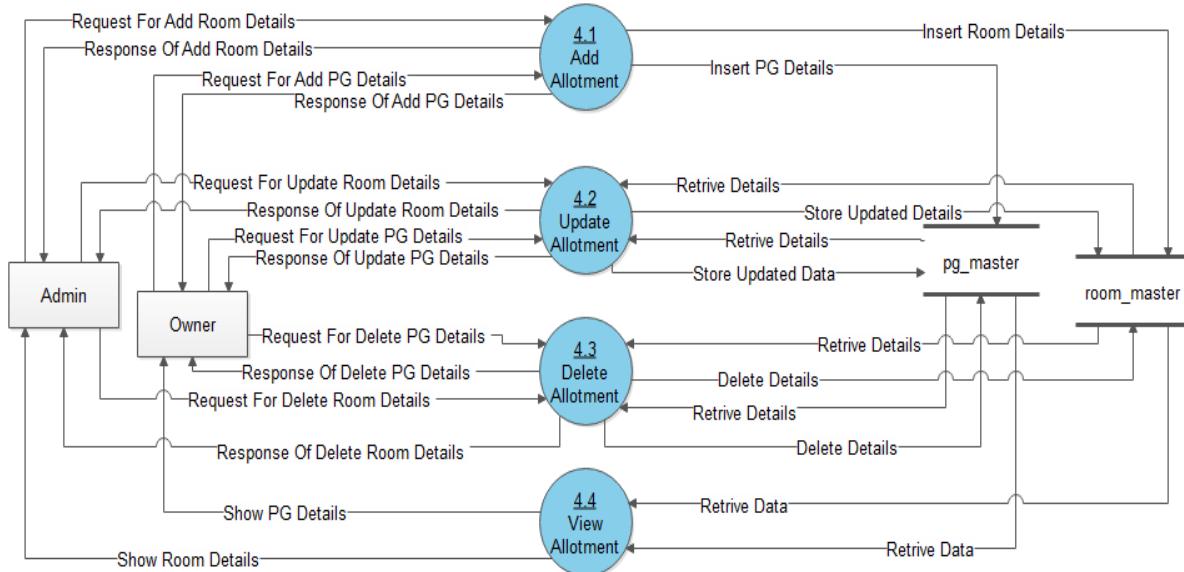
✓ 2nd Level DFD For Registration



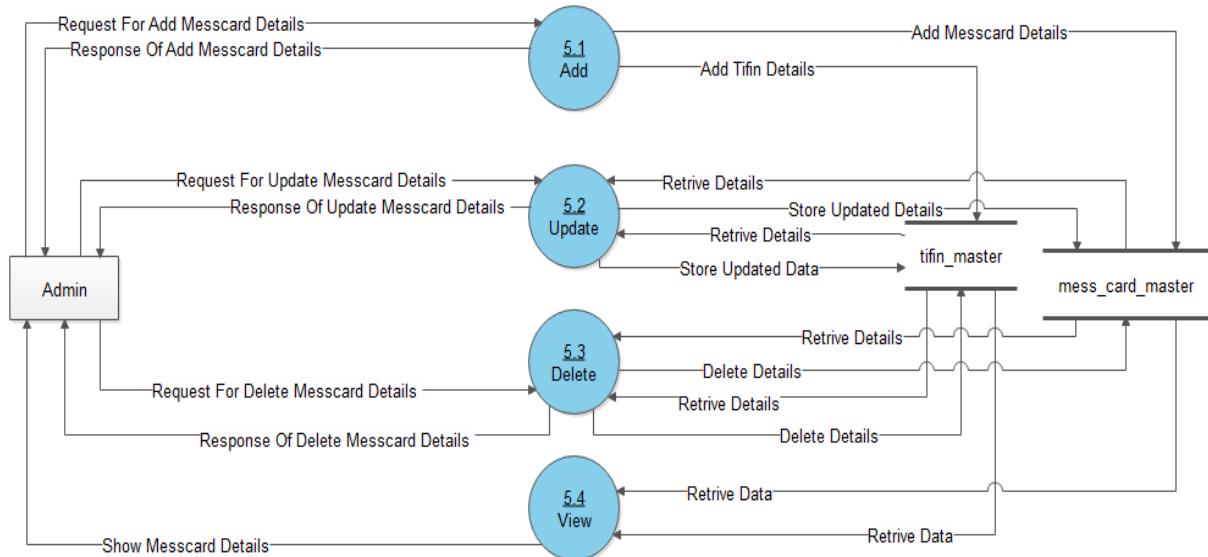
- ✓ **2nd Level DFD For Hostel & PG Finding**



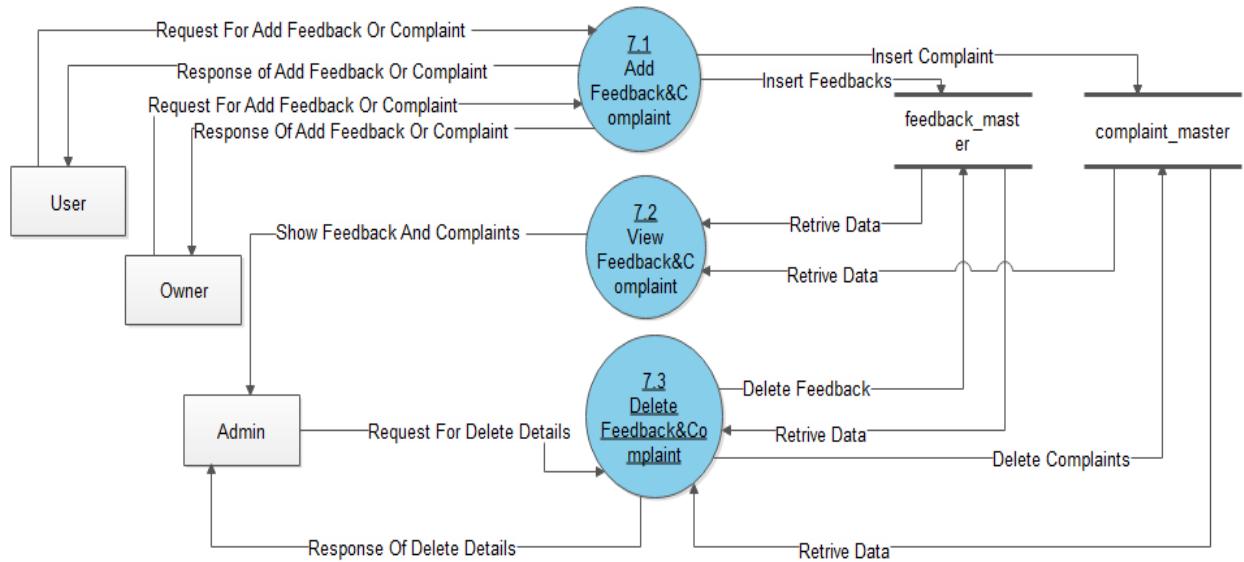
✓ **2nd Level DFD For Room Allotment**



✓ **2nd Level DFD For Mess or Tiffin**

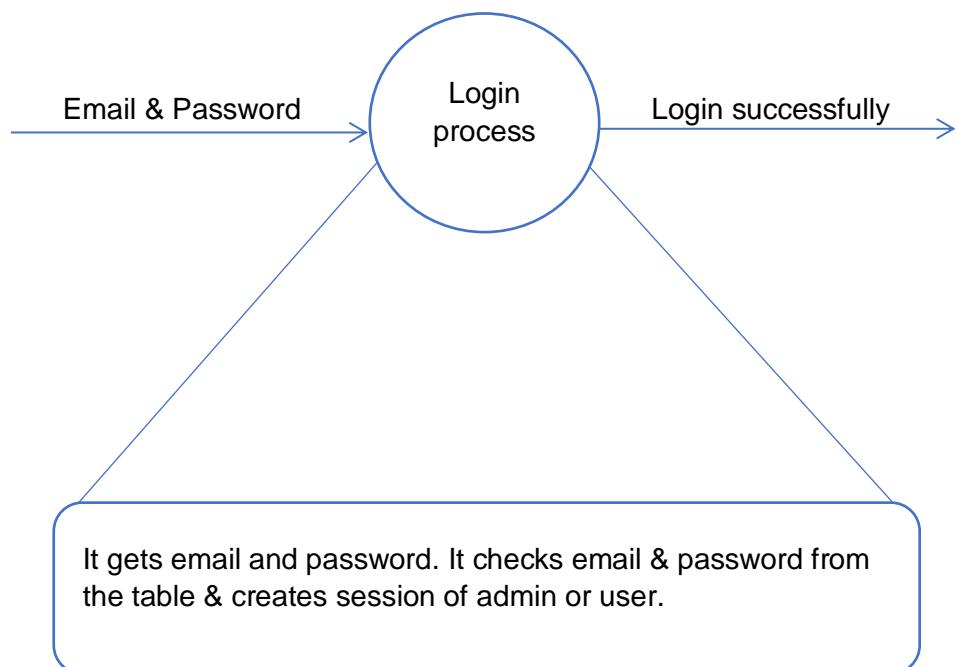


✓ **2nd Level DFD For Complaints & Feedback**

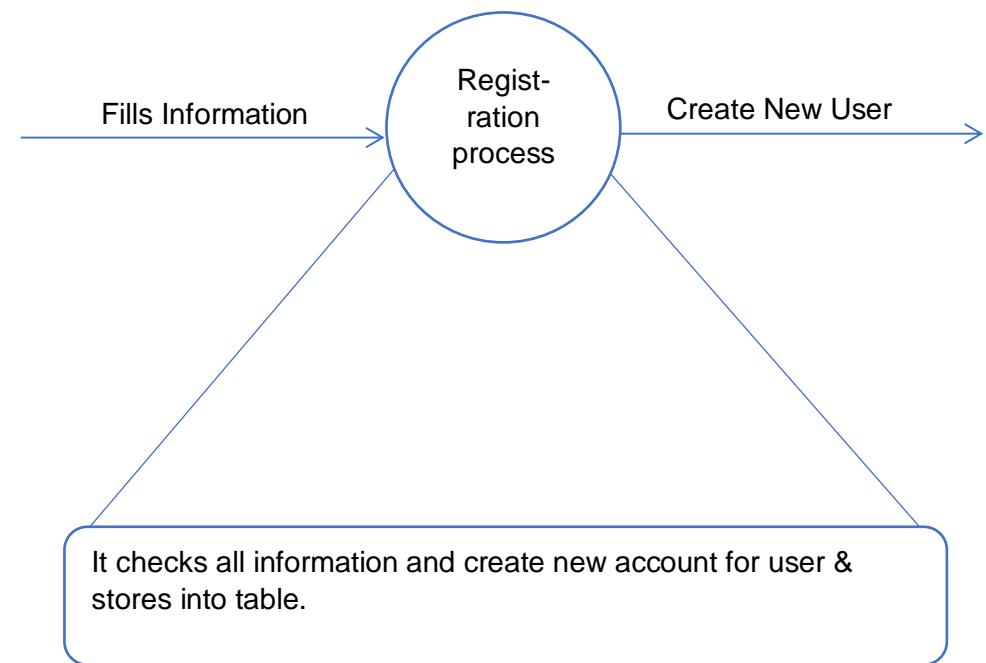


5.2 Process Specification

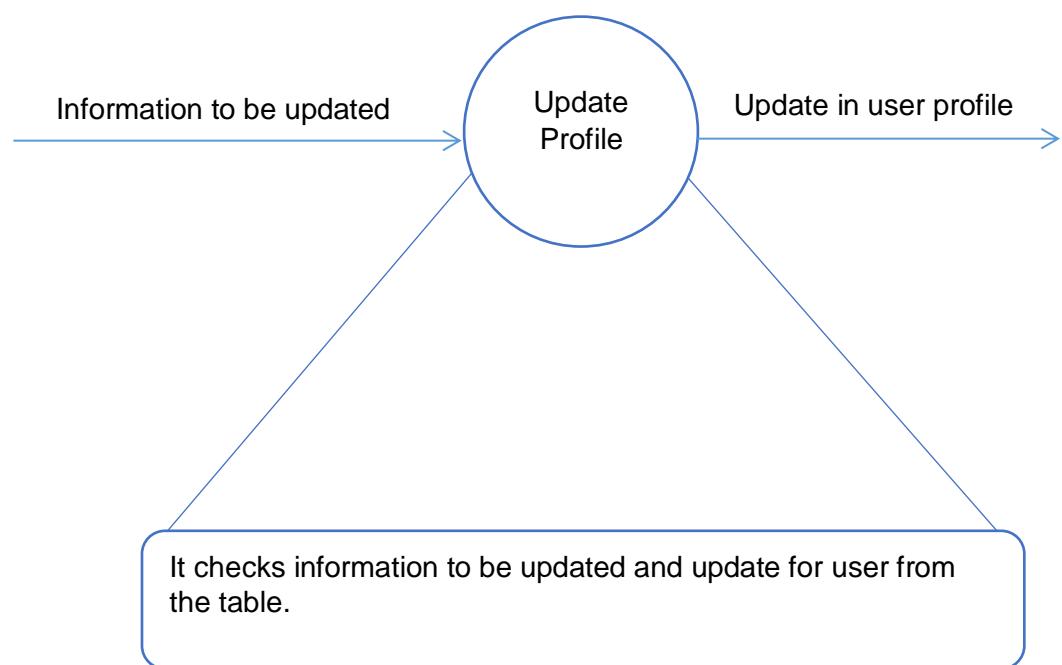
✓ Login Process



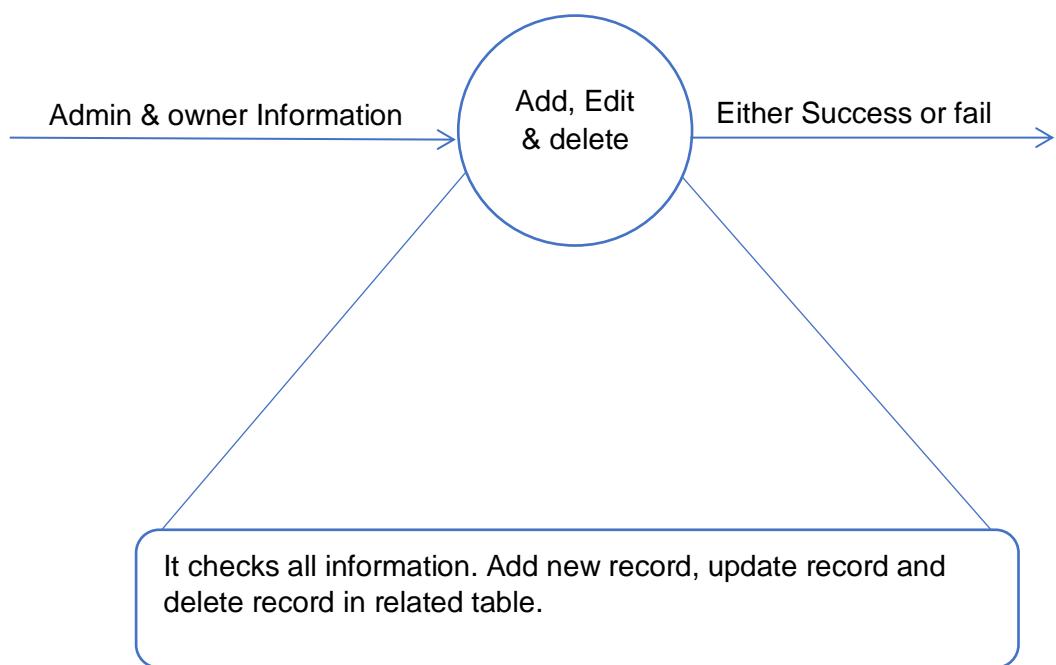
✓ Registration Process



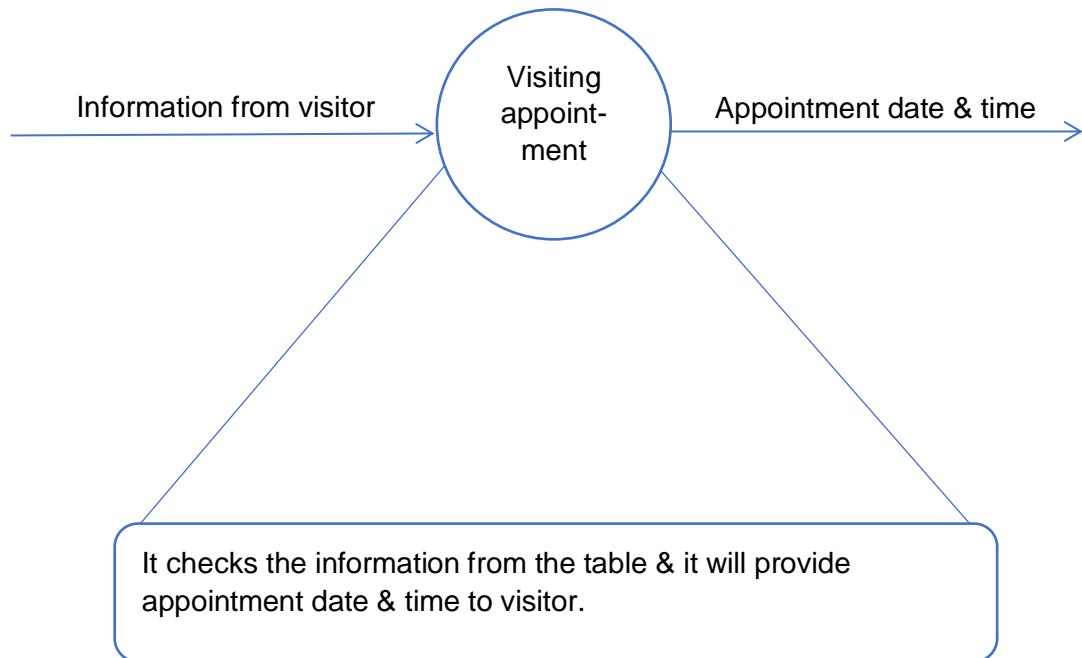
✓ **Update User Profile**



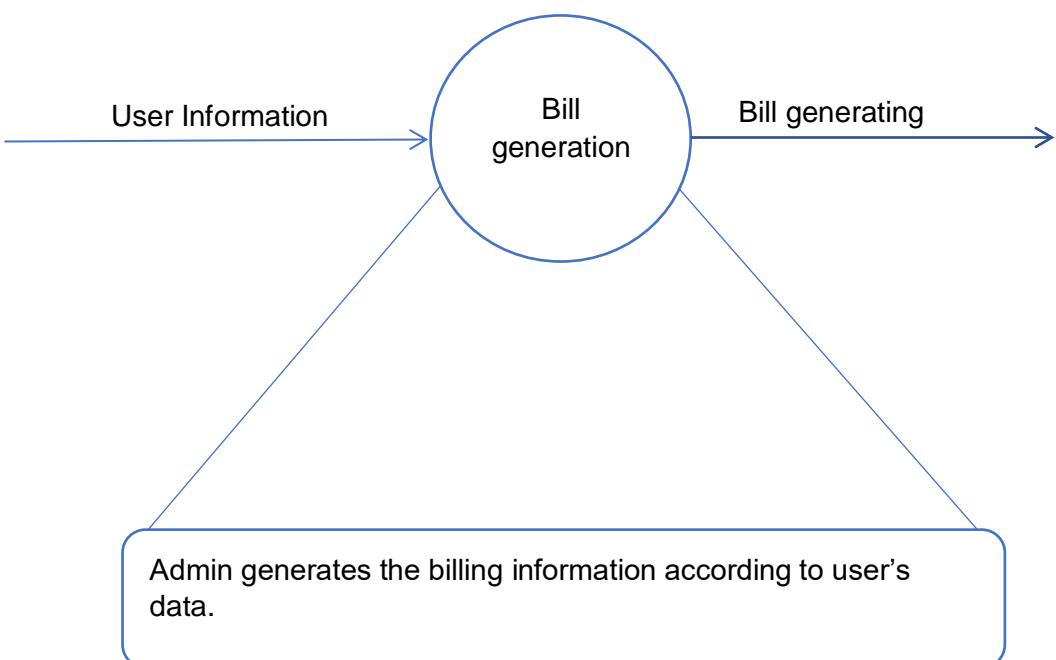
✓ **Add, Edit & Delete For Admin & Landlord (Owner)**



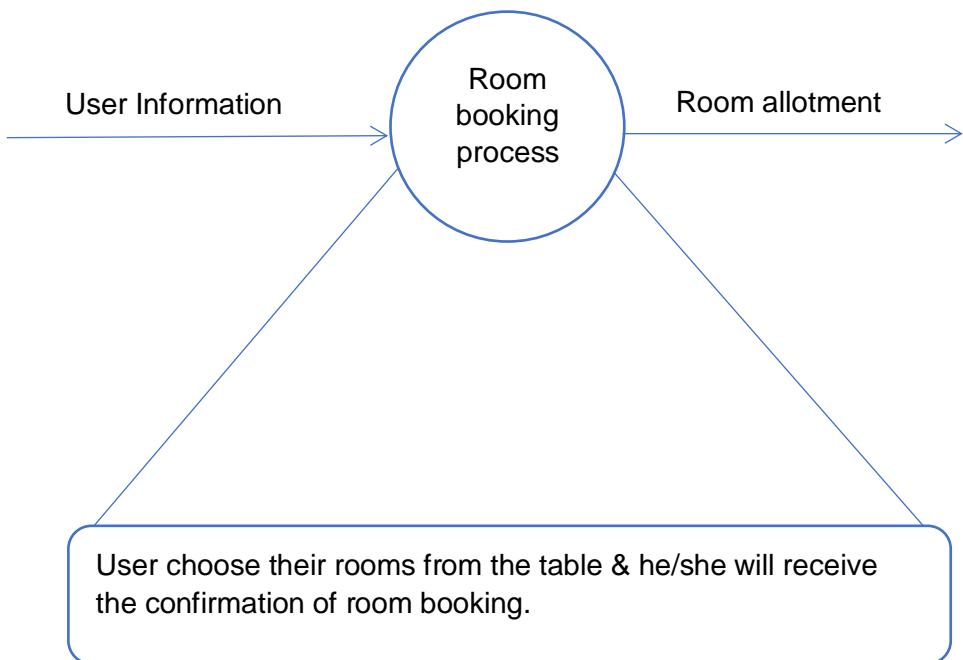
✓ **Visiting Appointment Process**



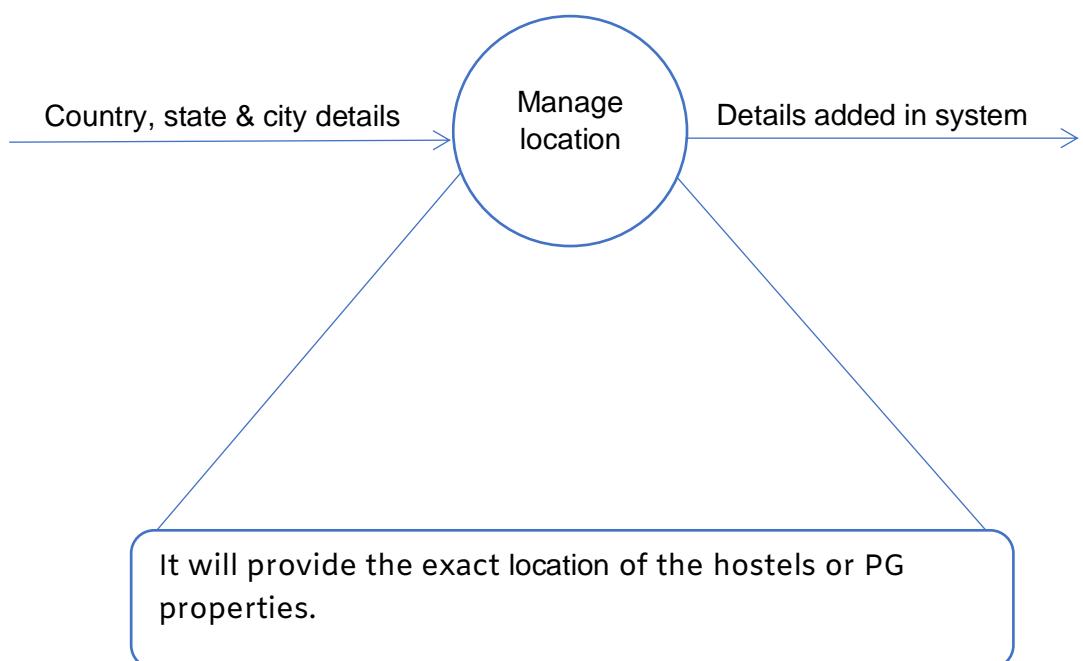
✓ **Bill Generation Process**



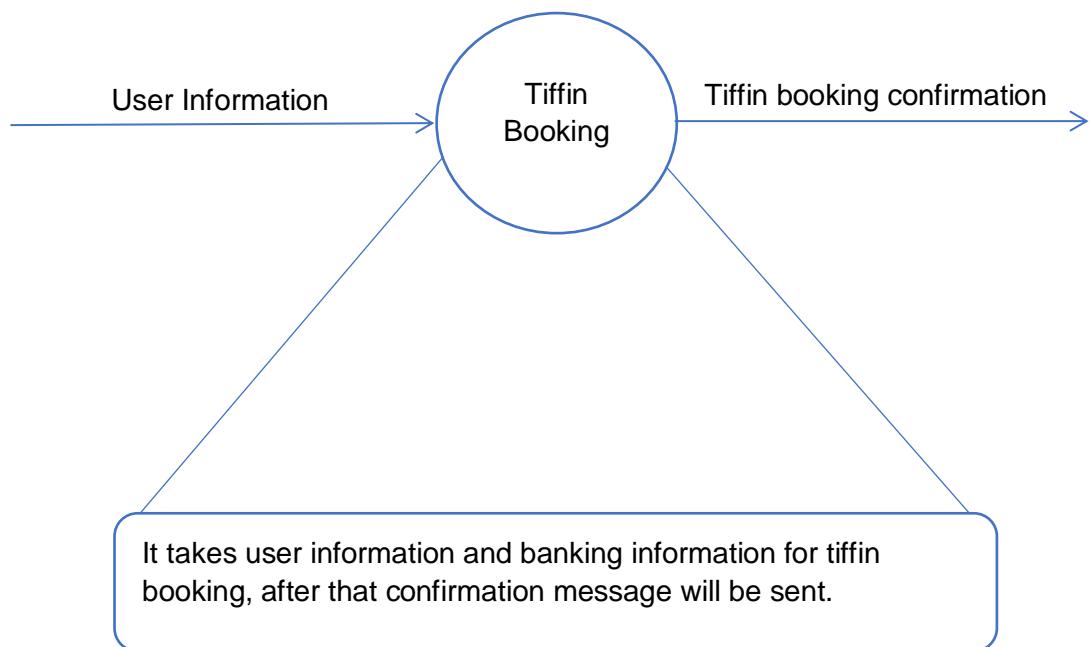
✓ **Room Booking Process**



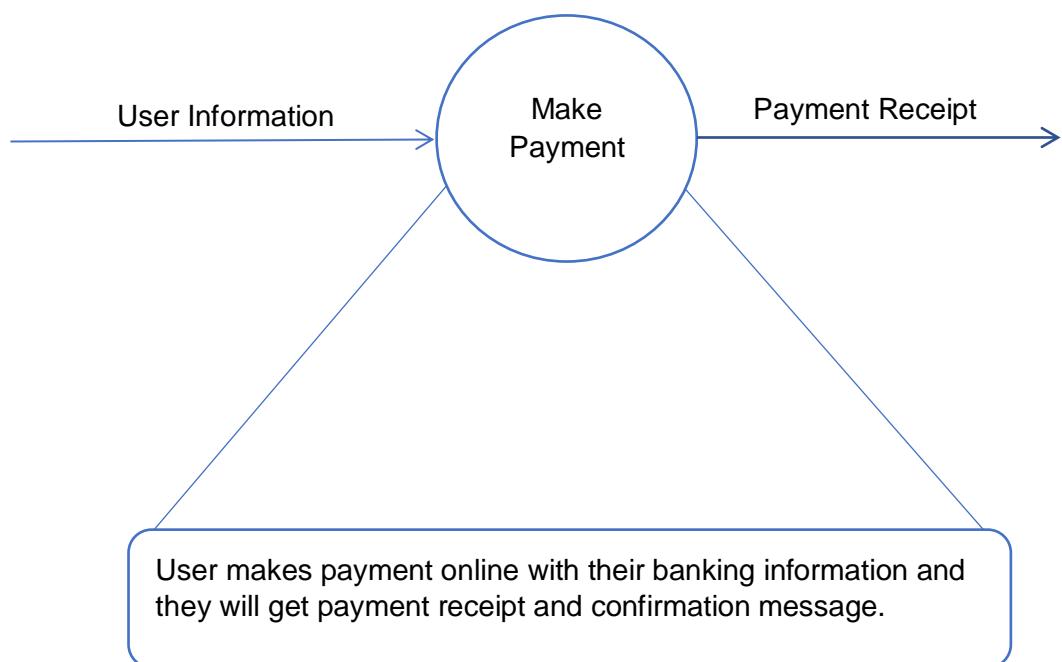
✓ **Manage Location Process**



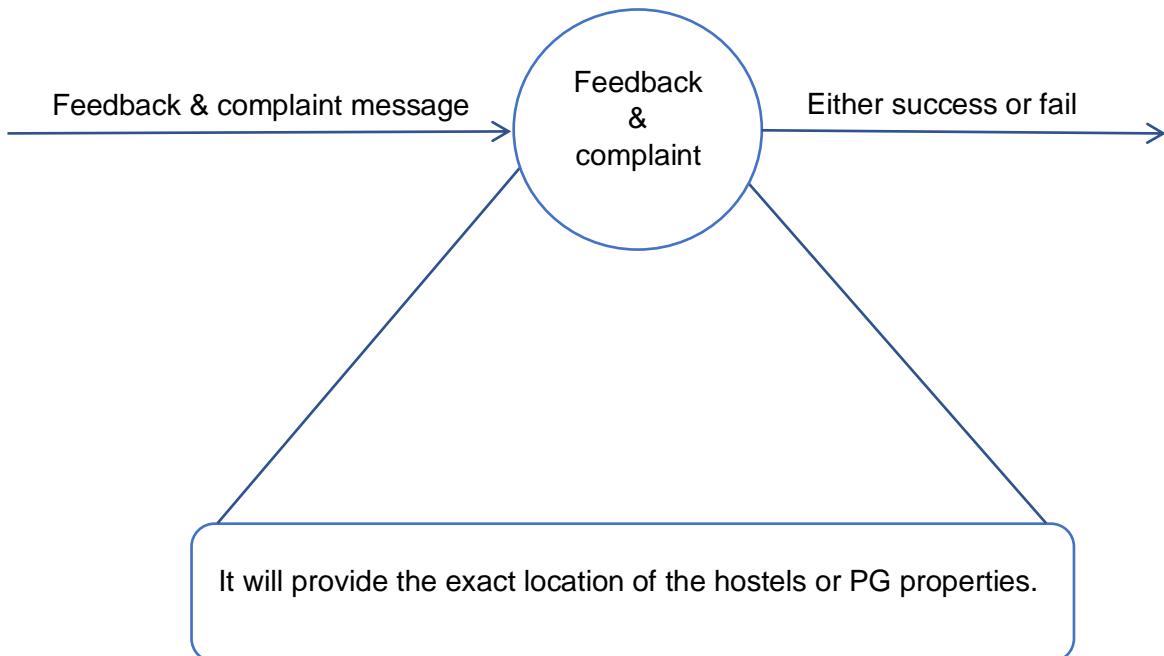
✓ **Tiffin Booking Process**



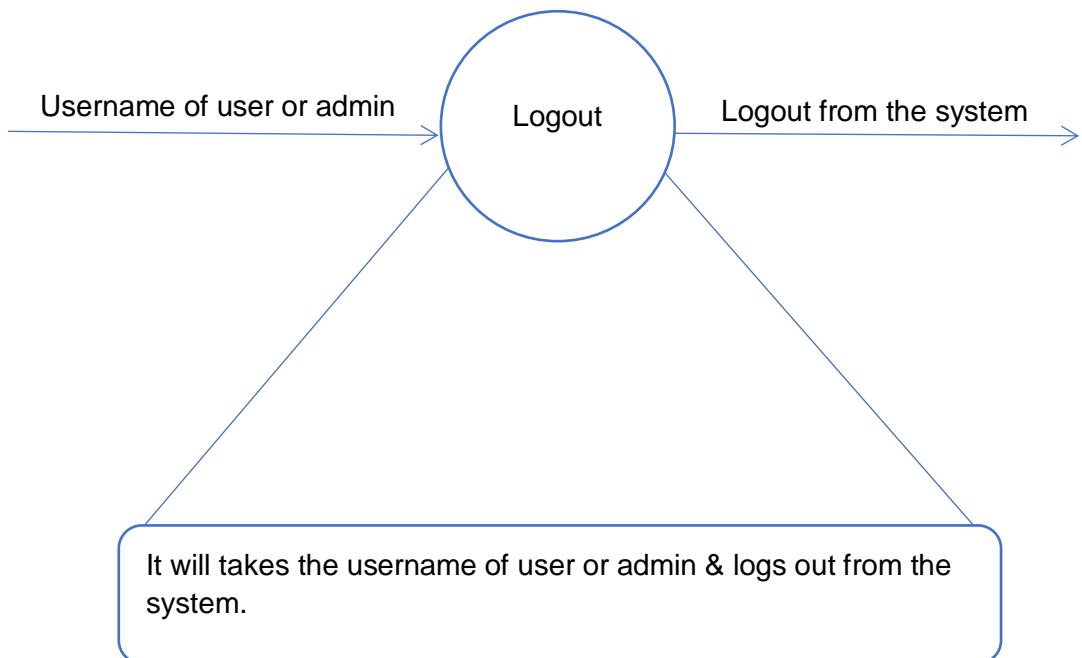
✓ **Payment Process**



✓ **Feedback & Complaint Process**



✓ **Logout Process**



5.3 Data Dictionary

✓ Admin

Name	Admin Master
Alias	-
Destination	admin_master
Where / How to Use	Having admin details

✓ Assets

Name	Assets Master
Alias	-
Destination	assets_master
Where / How to Use	Having assets details

✓ Block

Name	Block Master
Alias	-
Destination	block_master
Where / How to Use	Having block detail

✓ **City**

Name	City Master
Alias	-
Destination	city_master
Where / How to Use	Having city details

✓ **Complaint**

Name	Complaint Master
Alias	-
Destination	complaint_master
Where / How to Use	Having customer's complaints

✓ **Country**

Name	Country Master
Alias	-
Destination	country_master
Where / How to Use	Having country details

✓ **Employee**

Name	Employee Master
Alias	-
Destination	emp_master
Where / How to Use	Having employee details

✓ **Feedback**

Name	Feedback Master
Alias	-
Destination	feedback_master
Where / How to Use	Having customer's feedback

✓ **Hostel Bill**

Name	Hostel Bill Master
Alias	-
Destination	hostel_bill_master
Where / How to Use	Having Hostel Bill Details

✓ **Hostel Booking**

Name	Hostel Booking Master
Alias	-
Destination	Hostel_booking_master
Where / How to Use	Having booked hostels by user

✓ **Hostel**

Name	Hostel Master
Alias	-
Destination	hostel_master
Where / How to Use	Having hostel details

✓ **Landlord (Owner)**

Name	Landlord Master
Alias	-
Destination	landlord_master
Where / How to Use	Having owner details

✓ **Mess Card**

Name	Mess Card Master
Alias	-
Destination	mess_card_master
Where / How to Use	Having mess details

✓ **Mess Card Bill**

Name	Mess Card Bill Master0
Alias	-
Destination	messcard_bill_master
Where / How to Use	Having mess card Bill details

✓ **Paying Guest (PG)**

Name	PG Master
Alias	-
Destination	pg_master
Where / How to Use	Having PG details

✓ **PG Bill**

Name	PG Bill Master
Alias	-
Destination	pg_bill_master
Where / How to Use	Having PG Bill details

✓ **PG Booking Master**

Name	PG Booking Master
Alias	-
Destination	pg_booking_master
Where / How to Use	Having Booked PG details by user

✓ **Registration**

Name	Registration Master
Alias	-
Destination	reg_master
Where / How to Use	Having student / employee details

✓ **Room**

Name	Room Master
Alias	-
Destination	room_master
Where / How to Use	Having available / allocated room details

✓ **State**

Name	State Master
Alias	-
Destination	state_master
Where / How to Use	Having state details

✓ **Student Room Allotment**

Name	Student Room Allotment Master
Alias	-
Destination	student_room_allotment
Where / How to Use	Having student room allotment details

✓ **Tiffin Bill**

Name	Tiffin Bill Master
Alias	-
Destination	tiffin_bill_master
Where / How to Use	Having tiffin Bill details for pg user

✓ **Tiffin Attendance**

Name	Tiffin Attendance Master
Alias	-
Destination	tiffin_attendance_master
Where / How to Use	Having daily tiffin attendance

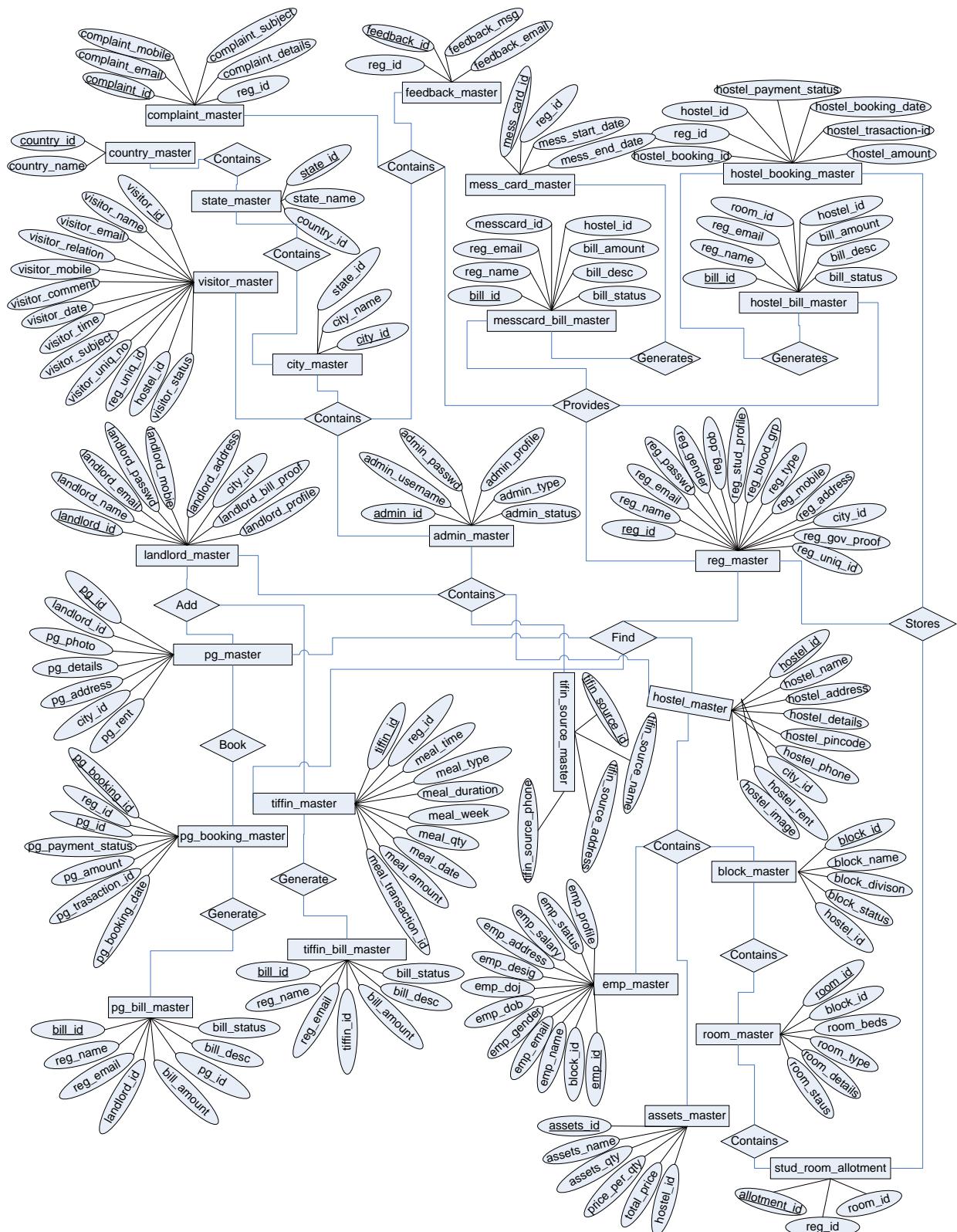
✓ **Tiffin Source**

Name	Tiffin Source Master
Alias	-
Destination	tiffin_source_master
Where / How to Use	Having tiffin source details

✓ **Visitor**

Name	Visitor Master
Alias	-
Destination	visitor_master
Where / How to Use	Having visitor details

5.4 Entity - Relationship Diagram



6.1 Database Design

✓ **admin_master**

Sr.no	Columns	Data type	Size	Null	Description
1	admin_id	Integer	4	No	Primary key
2	admin_username	Varchar	50	No	Username of admin
3	admin_passwd	Varchar	20	No	Password of admin
4	admin_type	Varchar	16	No	Admin Type
5	admin_profile	Text	-	Yes	Admin Profile Image
6	admin_status	Varchar	16	No	Active / Not

✓ **hostel_master**

Sr.no	Columns	Data type	Size	Null	Description
1	hostel_id	Integer	4	No	Primary key
2	hostel_name	Varchar	100	No	Names of the hostels
3	hostel_address	Text	-	No	Address of the hostel
4	hostel_details	Text	-	No	Extra Details Of Hostel
5	hostel_pincode	Integer	6	No	Pin code of the hostel
6	hostel_phone	Varchar	13	No	Hostel Contact Number
7	city_id	Integer	4	No	Reference key (city_master)
8	hostel_rent	Varchar	10	No	Hostel Rent
9	hostel_image	Text	-	Yes	Hostel Image

✓ **hostel_bill_master**

Sr.no	Columns	Data type	Size	Null	Description
1	bill_id	Integer	4	No	Primary key
2	reg_name	Varchar	20	No	User Name
3	reg_email	Text	-	No	User Email ID
4	room_id	Integer	4	No	Reference key (reg_master)
5	hostel_id	Integer	4	No	Reference key (reg_master)
6	bill_amount	Integer	10	No	Payable Amount
7	bill_desc	Text	-	No	Bill Destination
8	bill_status	Varchar	10	No	Bill Status

✓ **complaint_master**

Sr.no	Columns	Data type	Size	Null	Description
1	complaint_id	Integer	4	No	Primary key
2	complaint_email	Text	-	No	Email ID
3	complaint_mobile	Varchar	10	Yes	Mobile Number
4	complaint_subject	Text	-	Yes	Complaint Subject
5	complaint_details	Text	100	No	Complaint details
6	reg_id	Integer	4	No	Reference key (reg_master)

✓ **block_master**

Sr.no	Columns	Data type	Size	Null	Description
1	block_id	Integer	4	No	Primary key
2	block_name	Varchar	10	No	Name of the block
3	block_divison	Varchar	10	No	Block wise divisions
4	block_status	Varchar	10	No	Current block status
5	hostel_id	Integer	4	No	Reference key (hostel_master)

✓ **assets_master**

Sr.no	Columns	Data type	Size	Null	Description
1	assets_id	Integer	4	No	Primary key
2	assets_name	Text	-	No	Name of assets
3	assets_qty	Integer	5	No	Assets quantity
4	price_per_qty	Double	-	No	Original price of assets
5	total_price	Double	-	No	Assets calculated price
6	hostel_id	Integer	4	No	Reference key (hostel_master)

✓ **country_master**

Sr.no	Columns	Data type	Size	Null	Description
1	country_id	Integer	4	No	Primary key
2	country_name	Varchar	20	No	Name of the country

✓ **emp_master**

Sr.no	Columns	Data type	Size	Null	Description
1	emp_id	Integer	4	No	Primary key
2	block_id	Integer	4	No	Reference key (block_master)
3	emp_name	Varchar	50	No	Name of employee
4	emp_email	Varchar	50	No	Email of the employee
5	emp_gender	Varchar	10	No	Gender of employee
6	emp_dob	Varchar	10	No	Birthdate of employee
7	emp_doj	Varchar	10	No	Joining date of employee
8	emp_desig	Varchar	30	No	Employee's designation
9	emp_address	Varchar	50	No	Address of employee
10	emp_salary	Float	-	No	Salary of employee
11	emp_status	Varchar	10	No	Current status of employee
12	emp_profile	Varchar	100	No	Profile of employee

✓ **city_master**

Sr.no	Columns	Data type	Size	Null	Description
1	city_id	Integer	4	No	Primary key
2	city_name	Varchar	20	No	Name of the city
3	state_id	Integer	4	No	Reference key (state_master)

✓ **pg_master**

Sr.no	Columns	Data type	Size	Null	Description
1	pg_id	Integer	4	No	Primary key
2	landlord_id	Integer	4	No	Reference key (landlord_master)
3	pg_photo	Text	-	No	Photos of PG
4	pg_details	Text	-	No	Details of PG
5	pg_address	Varchar	50	No	Full address of PG
6	city_id	Integer	4	No	Reference key (city_master)
7	pg_rent	Float	-	No	Rent details of PG

✓ **stud_room_allotment**

Sr.no	Columns	Data type	Size	Null	Description
1	allotment_id	Integer	4	No	Primary key
2	room_id	Integer	4	No	Reference key (room_master)
3	reg_id	Text	-	No	Reference key (reg_master)

✓ **state_master**

Sr.no	Columns	Data type	Size	Null	Description
1	state_id	Integer	4	No	Primary key
2	state_name	Varchar	20	No	Name of the state
3	country_id	Integer	4	No	Which country state belongs

✓ **tiffin_master**

Sr.no	Columns	Data type	Size	Null	Description
1	tiffin_id	Integer	4	No	Primary key
2	reg_id	Integer	4	No	Reference key (room_master)
3	meal_time	Varchar	10	No	Reference key (reg_master)
4	meal_type	Varchar	10	No	Type of Meals
5	meal_duration	Varchar	10	No	Meal timings
6	meal_week	Varchar	10	No	Total number of weeks
7	meal_qty	Varchar	10	No	Total tiffin quantity
8	meal_date	Varchar	10	No	Meal start date
9	meal_amount	Text	-	No	Meal payment amount
10	meal_trasaction_id	Text	-	No	Payment ID

✓ **hostel_booking_master**

Sr.no	Columns	Data type	Size	Null	Description
1	hostel_booking_id	Integer	4	No	Primary key
2	reg_id	Integer	4	No	Reference key (reg_master)
3	hostel_id	Integer	4	No	Reference key (hostel_master)
4	hostel_payment_status	Text	-	No	Payment Status Paid/Not
5	hostel_amount	Text	-	No	Hostel Rent
6	hostel_transaction_id	Text	-	No	User Transaction Number

✓ **feedback_master**

Sr.no	Columns	Data type	Size	Null	Description
1	feedback_id	Integer	4	No	Primary key
2	reg_id	Integer	4	No	Reference key (reg_master)
3	feedback_email	Varchar	50	No	Customer's email address
4	feedback_msg	Text		No	Customer's feedback

✓ **tiffin_bill_master**

Sr.no	Columns	Data type	Size	Null	Description
1	bill_id	Integer	4	No	Primary key
2	reg_name	Varchar	20	No	User Name
3	reg_email	Text	-	No	User Email ID
4	tiffin_id	Integer	4	No	Reference key (tiffin_master)
5	bill_amount	Integer	10	No	Payable Amount
6	bill_desc	Text	-	No	Bill Destination
7	bill_status	Varchar	10	No	Bill Status

✓ **landlord_master**

Sr.no	Columns	Data type	Size	Null	Description
1	landlord_id	Integer	4	No	Primary key
2	landlord_name	Varchar	50	No	Name of the landlord
3	landlord_email	Varchar	50	No	Landlord's email
4	landlord_password	Varchar	20	No	Landlord's password
5	landlord_mobile	Varchar	10	No	Landlord's mobile number
6	landlord_address	Varchar	50	No	Landlord's address
7	city_id	Integer	4	No	City details of landlord
8	landlord_bill_proof	Varchar	20	No	Place billing proof
9	landlord_profile	Varchar	20	Yes	Profile of landlord

✓ **tiffin_attendance_master**

Sr.no	Columns	Data type	Size	Null	Description
1	tiffin_attendance_id	Integer	4	No	Primary key
2	tiffin_source_id	Integer	4	No	Reference key (tiffin_source_master)
3	reg_id	Integer	4	No	Reference key (reg_master)
4	Month	Varchar	10	No	Month Name
5	d1 To d31	Integer	4	No	Day by day attendance Store

✓ **messcard_bill_master**

Sr.no	Columns	Data type	Size	Null	Description
1	bill_id	Integer	4	No	Primary key
2	reg_name	Varchar	20	No	User Name
3	reg_email	Text	-	No	User Email ID
4	messcard_id	Integer	4	No	Reference key (mess_card_master)
5	hostel_id	Integer	4	No	Reference key (reg_master)
6	bill_amount	Integer	10	No	Payable Amount
7	bill_desc	Text	-	No	Bill Destination
8	bill_status	Varchar	10	No	Bill Status

✓ **pg_bill_master**

Sr.no	Columns	Data type	Size	Null	Description
1	bill_id	Integer	4	No	Primary key
2	reg_name	Varchar	20	No	User Name
3	reg_email	Text	-	No	User Email ID
4	pg_id	Integer	4	No	Reference key (pg_master)
5	landlord_id	Integer	4	No	Reference key (landlord_master)
6	bill_amount	Integer	10	No	Payable Amount
7	bill_desc	Text	-	No	Bill Destination
8	bill_status	Varchar	10	No	Bill Status

✓ **room_master**

Sr.no	Columns	Data type	Size	Null	Description
1	room_id	Integer	4	No	Primary key
2	block_id	Integer	4	No	Reference key (block_master)
3	room_beds	Integer	5	No	Total number of beds in room
4	room_type	Varchar	10	No	Type of the room
5	room_details	Varchar	100	No	Details of the room
6	room_status	Varchar	10	No	Status of the room

✓ **pg_booking_master**

Sr.no	Columns	Data type	Size	Null	Description
1	pg_booking_id	Integer	4	No	Primary key
2	reg_id	Integer	4	No	Reference key (reg_master)
3	pg_id	Integer	4	No	Reference key (pg_master)
4	pg_paymnet_status	Text	-	No	User Payment Status
5	pg_transaction_id	Text	-	No	User Transaction Number

✓ **mess_card_master**

Sr.no	Columns	Data type	Size	Null	Description
1	mess_card_id	Integer	4	No	Primary key
2	reg_id	Integer	4	No	Reference key (reg_master)
3	mess_start_date	Varchar	10	No	Starting date of mess
4	mess_end_date	Varchar	10	No	Ending date of mess

✓ **tiffin_source_master**

Sr.no	Columns	Data type	Size	Null	Description
1	tiffin_source_id	Integer	4	No	Primary key
2	tiffin_source_name	Text	-	No	Name of the source
3	tiffin_source_address	Text	-	No	Source current address
4	tiffin_source_phone	Varchar	10	No	Source mobile number

✓ **reg_master**

Sr.no	Columns	Data type	Size	Null	Description
1	reg_id	Integer	4	No	Primary key
2	reg_name	Varchar	30	No	Name of the client
3	reg_email	Varchar	100	No	Email address of client
4	reg_passwd	Text	-	No	Password of client
5	reg_gender	Varchar	10	No	Gender of a client
6	reg_dob	Varchar	10	No	Client's birthdate
7	reg_stud_profile	Varchar	100	No	Profile photo of client
8	reg_blood_grp	Varchar	10	No	Blood group detail of client
9	reg_type	Varchar	100	No	Type of the client
10	reg_mobile	Varchar	10	No	Mobile details of client
11	reg_address	Varchar	100	No	Address of client
12	city_id	Integer	4	No	Reference key (city_master)
13	reg_gov_proof	Varchar	100	No	Government proof of client
14	reg_uniq_id	Text	-	No	Generated Uniq Number

✓ **visitor_master**

Sr.no	Columns	Data type	Size	Null	Description
1	visitor_id	Integer	4	No	Primary key
2	visitor_name	Varchar	50	No	Name of the visitor
3	visitor_email	Text	-	No	Visitor Email
4	visitor_relation	Varchar	20	No	Relation of the visitor on client
5	visitor_mobile	Varchar	10	No	Mobile details of visitor
6	visitor_comment	Varchar	20	No	Visitor's feedback
7	visito_date	Varchar	10	No	Visitor Meeting date
8	visitor_time	Varchar	10	No	Visitor Meeting Time
9	visitor_subject	Text	-	No	Visitor Meeting Purpose
10	visitor_uniq_no	Text	-	No	Visitor Uniq Number
11	reg_uniq_no	Text	-	No	User Uniq Number
12	hostel_id	Integer	4	No	Reference key (hostel_master)
13	visitor_status	Varchar	10	No	Status of the visitor

6.2 Directory Structure

✓ Admin

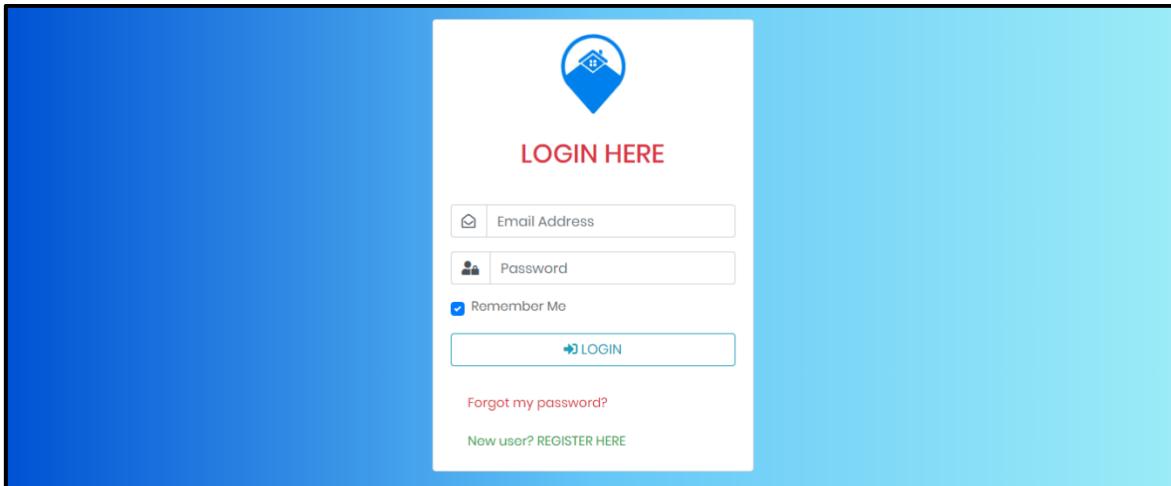
- Admin_master.php
- Area_master.php
- Assets_details_master.php
- Assets_bill_master.php
- Attendance_details_master.php
- Block_details_master.php
- City_master.php
- Client_details_master.php
- College_details_master.php
- Country_master.php
- Customer_details_master.php
- Employee_details_master.php
- Event_details_master.php
- Header.php
- Hostel_details_master.php
- Index.php
- Messcard_bill.php
- Messcard_details_master.php
- Owner_details_master.php
- Package_bill_master.php
- Package_details_master.php
- Payroll_bill_master.php
- Pg_detail_master.php
- Rent_detail_master.php
- Room_detail_master.php
- Source_detail_master.php
- State_master.php
- Student_detail_master.php
- Student_fees_master.php

✓ **User**

- Aboutus.php
- Booknow.php
- Change_password
- Confirm_otp
- Contactus.php
- Footer.php
- Forgotpassword.php
- Header.php
- Index.php
- Links.php
- Myprofile.php
- Register.php
- Scripts.php
- Signin.php
- Terms.php

6.3 Input Design

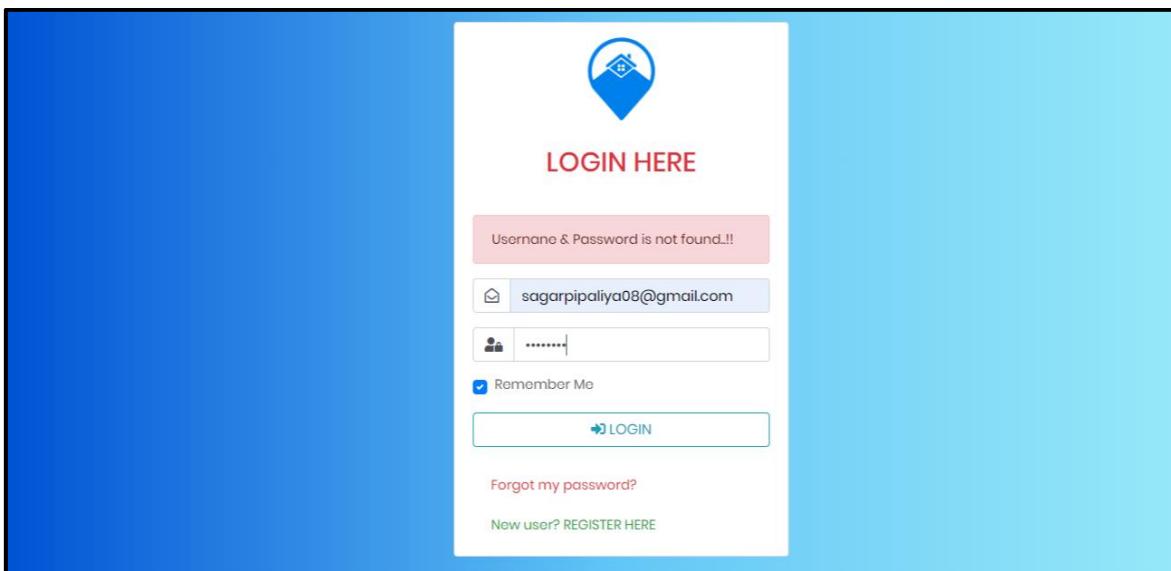
✓ **Login Form For User**



A simple login form titled "LOGIN HERE". It features a placeholder icon for email and a password field. A "Remember Me" checkbox is present, and a "LOGIN" button with a house icon is at the bottom. Below the form are links for password recovery and user registration.

Email Address
Password
<input checked="" type="checkbox"/> Remember Me
 LOGIN
Forgot my password?
New user? REGISTER HERE

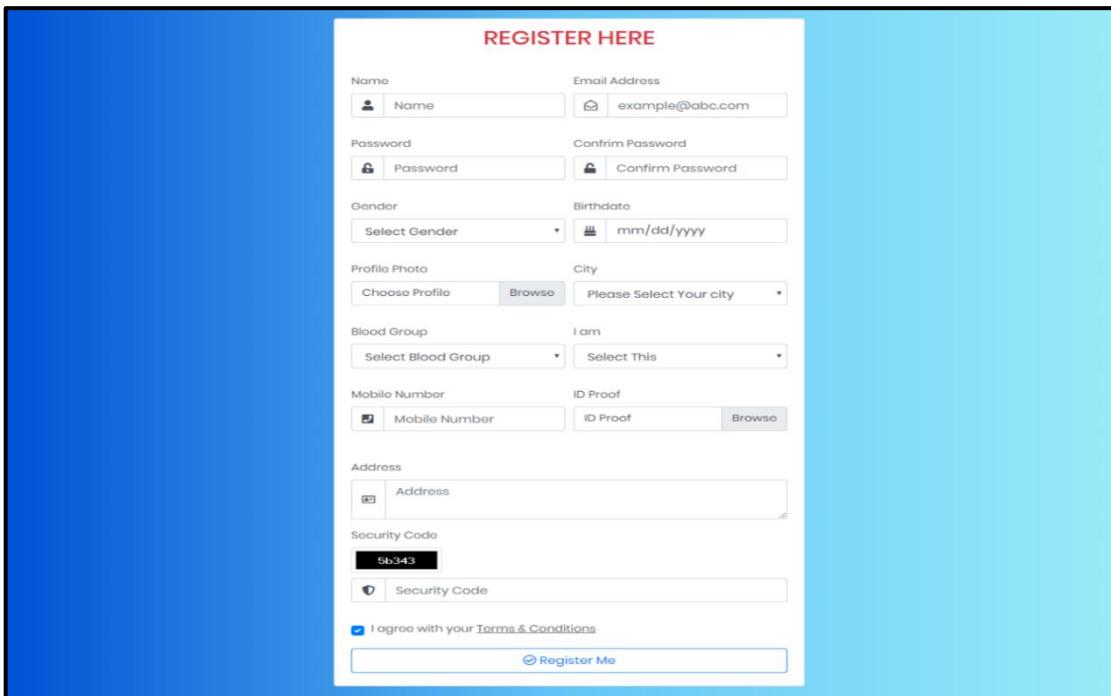
✓ **Login Form With Validation At User side**



The same login form as above, but with validation feedback. An error message "Username & Password is not found..!!" is displayed in a pink box above the password field. The email field contains a sample value, and the password field contains a masked value. The rest of the form elements are identical to the first one.

Username & Password is not found..!!	
Email Address	sagarpipaliya08@gmail.com
Password
<input checked="" type="checkbox"/> Remember Me	
 LOGIN	
Forgot my password?	
New user? REGISTER HERE	

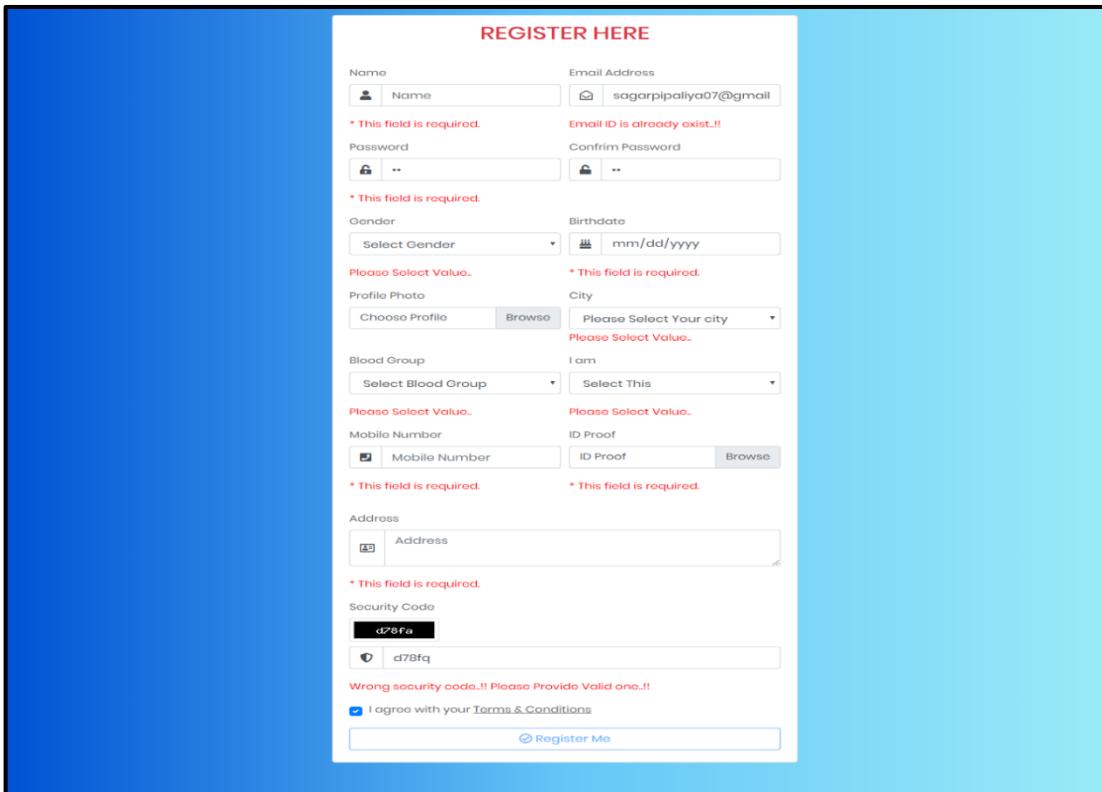
✓ **Registration Form For User side**



The screenshot shows a registration form with the following fields:

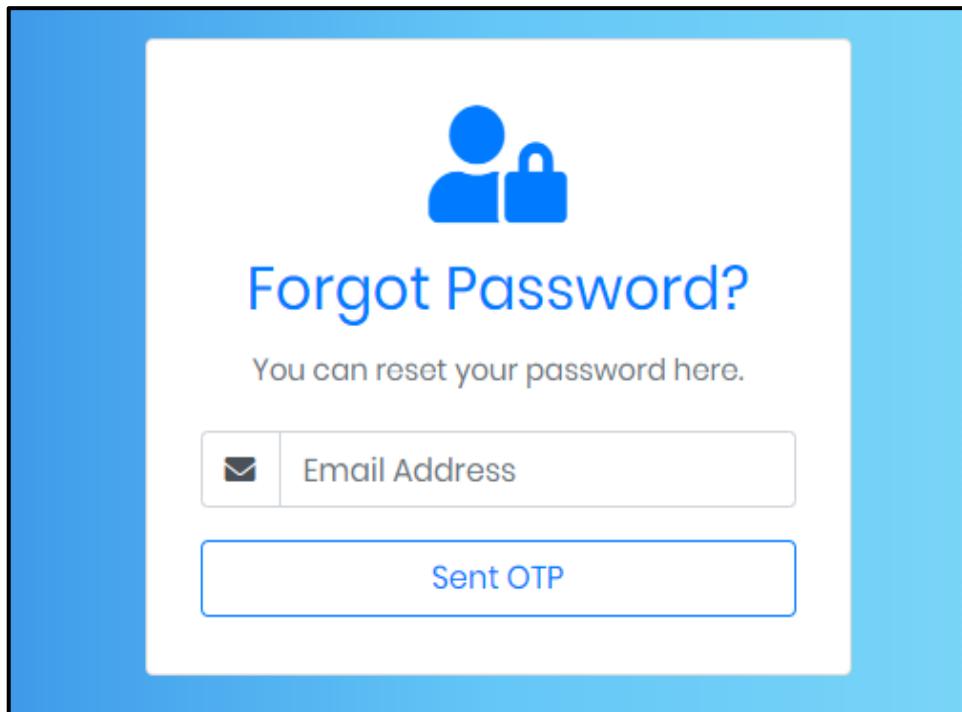
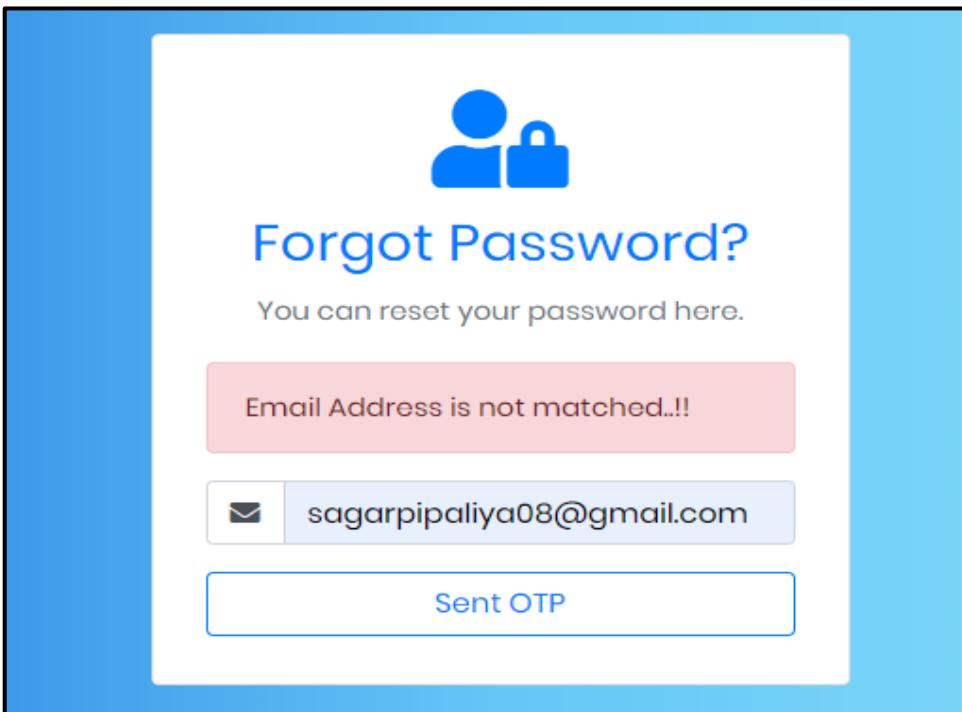
- Name: Input field with placeholder "Name" and an icon of a person.
- Email Address: Input field with placeholder "example@abc.com" and an icon of an envelope.
- Password: Input field with placeholder "Password" and an icon of a lock.
- Confirm Password: Input field with placeholder "Confirm Password" and an icon of a lock.
- Gender: A dropdown menu labeled "Select Gender".
- Birthdate: An input field with a calendar icon and placeholder "mm/dd/yyyy".
- Profile Photo: A section with "Choose Profile" and "Browse" buttons.
- City: A dropdown menu labeled "Please Select Your city".
- Blood Group: A dropdown menu labeled "Select Blood Group".
- I am: A dropdown menu labeled "Select This".
- Mobile Number: Input field with placeholder "Mobile Number" and an icon of a phone.
- ID Proof: Input field with placeholder "ID Proof" and a "Browse" button.
- Address: Input field with placeholder "Address" and an icon of a map.
- Security Code: An input field containing "5b343" with an icon of a shield.
- Security Code: Input field with placeholder "Security Code" and an icon of a shield.
- I agree with your [Terms & Conditions](#)
-

✓ **Registration Form With Validation At User side**

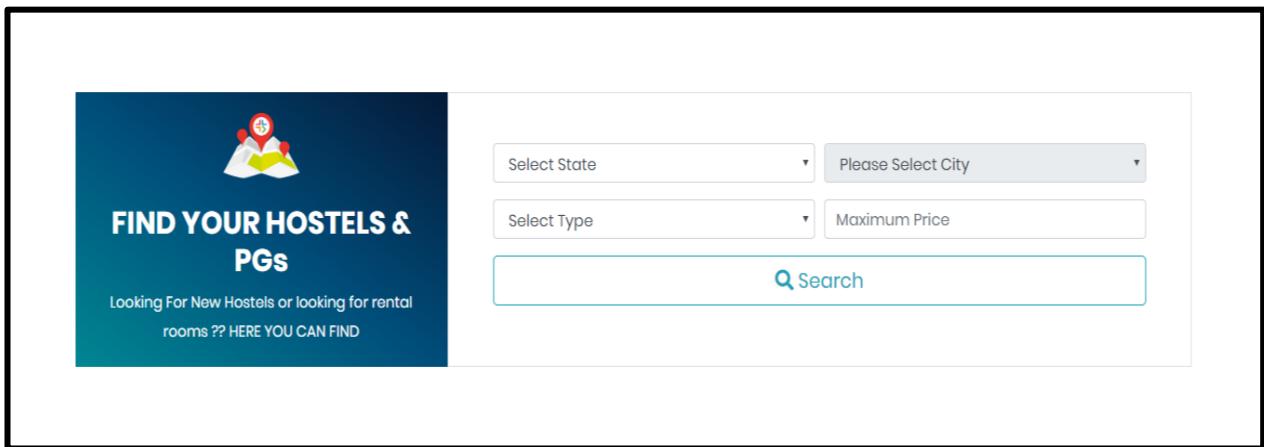


The screenshot shows a registration form with validation errors:

- Name: Error message "* This field is required." above the input field.
- Email Address: Error message "Email ID is already exist..!!" above the input field.
- Password: Error message "* This field is required." above the input field.
- Confirm Password: Error message "* This field is required." above the input field.
- Gender: Error message "Please Select Value.." above the dropdown menu.
- Birthdate: Error message "* This field is required." above the input field.
- Profile Photo: Error message "Please Select Value.." above the dropdown menu.
- City: Error message "Please Select Value.." above the dropdown menu.
- Blood Group: Error message "Please Select Value.." above the dropdown menu.
- I am: Error message "Please Select Value.." above the dropdown menu.
- Mobile Number: Error message "* This field is required." above the input field.
- ID Proof: Error message "* This field is required." above the input field.
- Address: Error message "* This field is required." above the input field.
- Security Code: Error message "Wrong security code..!! Please Provide Valid one..!!" above the input field.
- Security Code: Input field containing "d78fq" with an icon of a shield.
- I agree with your [Terms & Conditions](#)
-

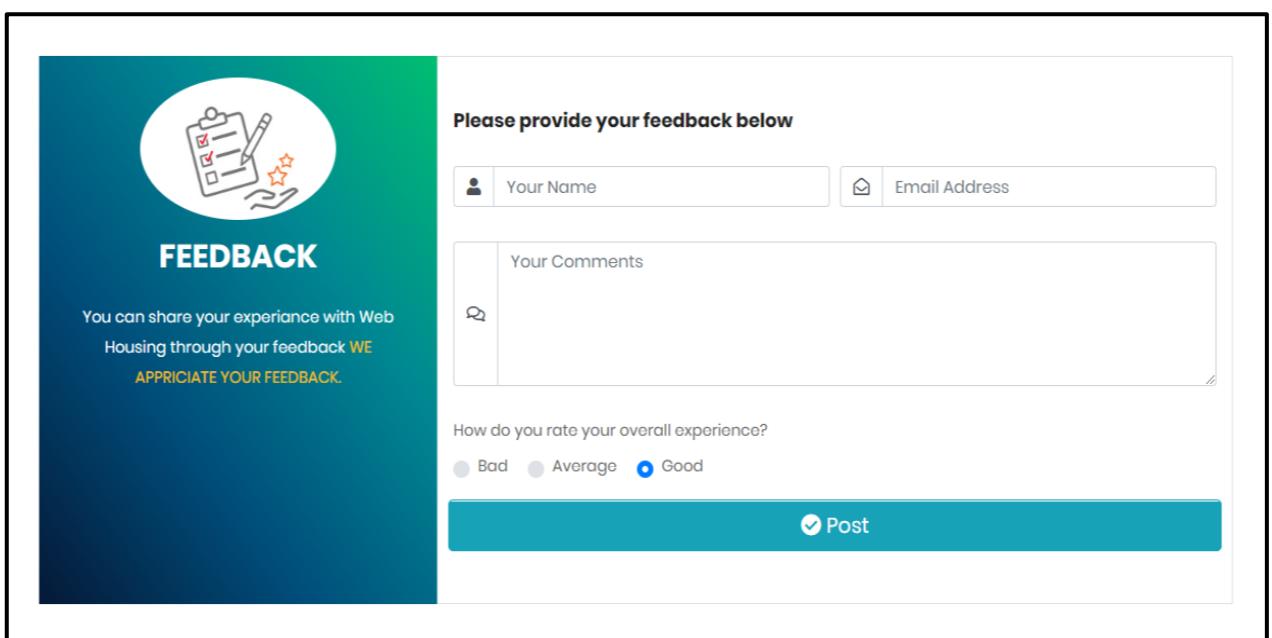
✓ **Forgot Password For User**✓ **Forgot Password With Validation At User side**

✓ **Searching Of Hostel & PG For User**



The screenshot shows a search interface for finding hostels and PGs. On the left, there's a dark blue sidebar with a map icon and the text "FIND YOUR HOSTELS & PGs". Below it, a message says "Looking For New Hostels or looking for rental rooms ?? HERE YOU CAN FIND". On the right, there are four input fields: "Select State" and "Please Select City" (both dropdown menus), "Select Type" (dropdown menu), and "Maximum Price" (text input field). Below these is a search bar with a magnifying glass icon and the word "Search".

✓ **Feedback Form For User side**



The screenshot shows a feedback form. On the left, there's a teal sidebar with a clipboard icon and the word "FEEDBACK". Below it, a message says "You can share your experience with Web Housing through your feedback WE APPRICIATE YOUR FEEDBACK.". On the right, the main form area has a heading "Please provide your feedback below". It includes fields for "Your Name" (with a person icon) and "Email Address" (with an envelope icon). Below these is a large text area labeled "Your Comments" with a speech bubble icon. At the bottom, there's a question "How do you rate your overall experience?" with three radio buttons: "Bad", "Average", and "Good" (the "Good" option is selected). A large blue "Post" button with a checkmark icon is at the bottom.

✓ **Feedback Form With Validation At User side**



FEEDBACK

You can share your experience with Web Housing through your feedback WE APPRIECATE YOUR FEEDBACK.

Please provide your feedback below

Name Contains Only Letters.

Enter Valid Email.

✉

* This field is required.

Bad
Average
Good

✓ Post

✓ **Booking Form With Validation At User side**



BOOK APPOINTMENT

Want to visit hostel students? or Want to inquiry about the hostel? Yes Possible here with **ONLINE APPOINTMENT**.

Please fill with your details

Name Contains Only Letters.

* This field is required.

Number Contains 10 Digit.

Enter Valid Email.

* This field is required.

Please Select Value..

* This field is required.

* This field is required.

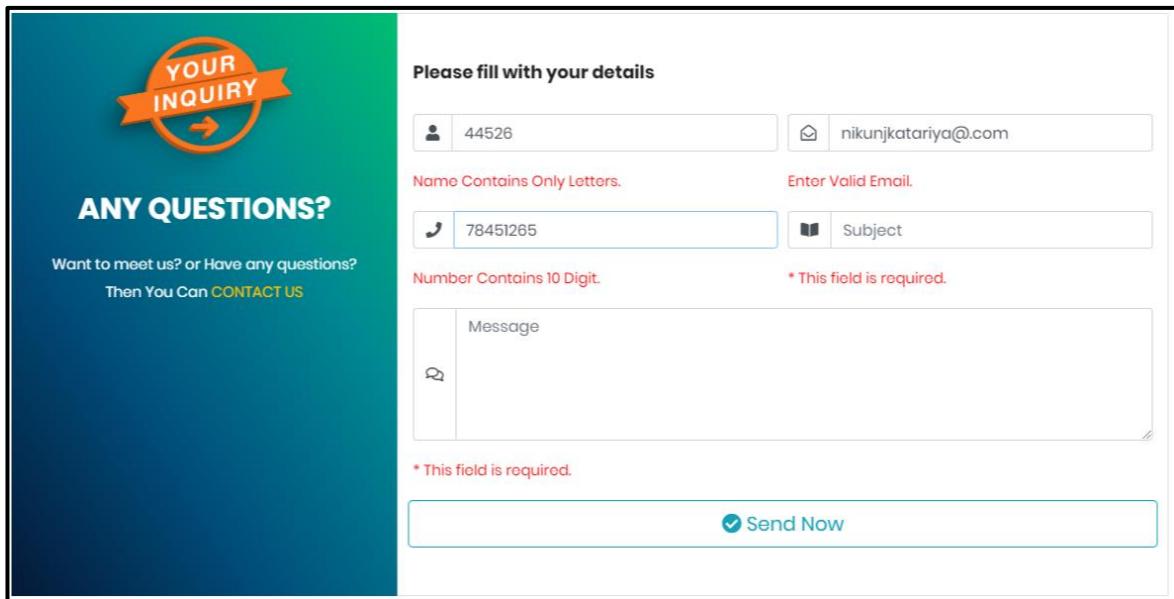
Please Select Value..

* This field is required.

* Confirmation will be sent you in given email address.

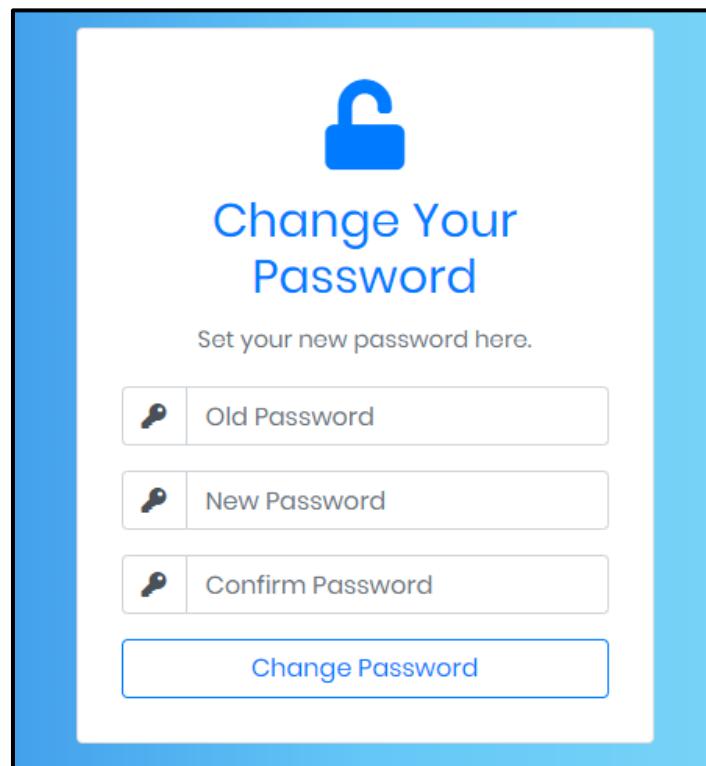
Book Now

✓ Inquiry Form With Validation At User side



The image shows a web-based inquiry form. On the left, there's a teal-colored sidebar with a circular orange badge containing the text "YOUR INQUIRY" and a right-pointing arrow. Below the badge, the text "ANY QUESTIONS?" is displayed in large white capital letters. Underneath, smaller text reads "Want to meet us? or Have any questions? Then You Can [CONTACT US](#)". The main form area has a white background and a thin black border. At the top, it says "Please fill with your details". It contains several input fields: a "Name" field with placeholder "44526" and validation "Name Contains Only Letters.", an "Email" field with placeholder "nikunjkatariya@gmail.com" and validation "Enter Valid Email.", a "Phone" field with placeholder "78451265" and validation "Number Contains 10 Digit.", and a "Subject" field with a placeholder "Subject". There's also a "Message" text area with a placeholder "Message" and a validation note "* This field is required." At the bottom is a blue button labeled "Send Now".

✓ Change Password At User side



The image shows a password change form. The background is light blue with a white central content area. At the top center is a blue padlock icon. Below it, the text "Change Your Password" is centered in blue. Underneath that, a smaller text says "Set your new password here.". The form consists of three input fields: "Old Password" (with a key icon), "New Password" (with a key icon), and "Confirm Password" (with a key icon). At the bottom is a blue button labeled "Change Password".

✓ **Payment Methods At User side**

Amount: Rs. 12500.00 Transaction ID: d623a7a0f1a9e14ec380

Choose a payment method

Get upto ₹150 cashback in your Amazon Pay account instantly!

<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> <input checked="" type="radio"/> Credit Card </div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> <input type="radio"/> Debit Card </div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> <input type="radio"/> Debit Card (ATM PIN) </div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> <input type="radio"/> Net Banking </div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> <input checked="" type="radio"/> G Pay </div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> <input type="radio"/> UPI </div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> <input checked="" type="radio"/> Use LazyPay Credit <small>(Min. Limit Rs. 12500.00)</small> </div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> <input checked="" type="radio"/> Cardless EMI by LazyPay </div>	<div style="margin-bottom: 10px;"> Card Type <input checked="" type="radio"/>  <input type="radio"/>  <input type="radio"/>  <input type="radio"/>  </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Card Number <input style="width: 100%;" type="text"/> </div> <div style="width: 45%;"> Name on Card <input style="width: 100%;" type="text"/> </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> CVV Number <input style="width: 100%;" type="text"/> </div> <div style="width: 45%;"> <small>What is CVV number?</small> </div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Expiry Date <input style="width: 100%;" type="text"/> </div> <div style="width: 45%;"> Month <input style="width: 100%;" type="text"/> </div> <div style="width: 45%;"> Year <input style="width: 100%;" type="text"/> </div> </div> <p>Note: In the next step you will be redirected to your bank's website to verify yourself.</p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="flex-grow: 1; text-align: right;"> <input style="background-color: #0072bc; color: white; padding: 5px; border: none; font-weight: bold; width: 100%; height: 30px;" type="button" value="Pay Now"/> </div> <div style="font-size: small; margin-left: 10px;"> or Click here to go back </div> </div>
--	---

✓ **Tiffin Service Booking Form**



FIND YOUR BEST MEALS HERE

NOTE : Total amount has included with all taxes + Delivery charges extra.

 62

✓ User Profile

PERSONAL PROFILE



Name

User icon

Email

Email icon

Password

Lock icon

Gender

Male icon

Birthdate

Calendar icon

ID Proof



I am

Student icon

Blood Group

Blood icon

Mobile Number

Phone icon

Registration ID

ID icon

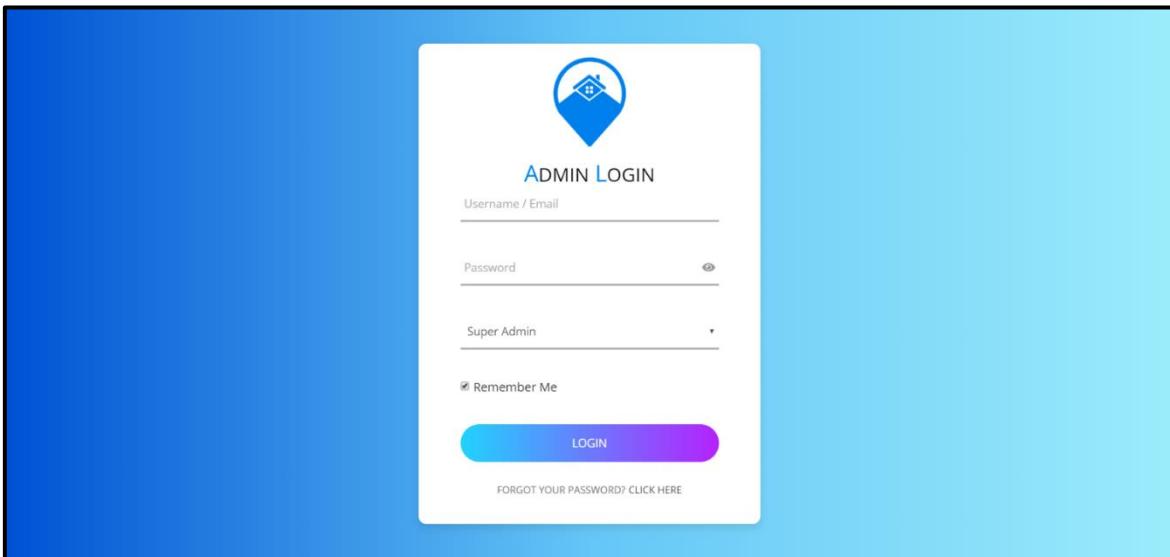
Address

112, Yogi Nagar society dabholi road surat 395004

City

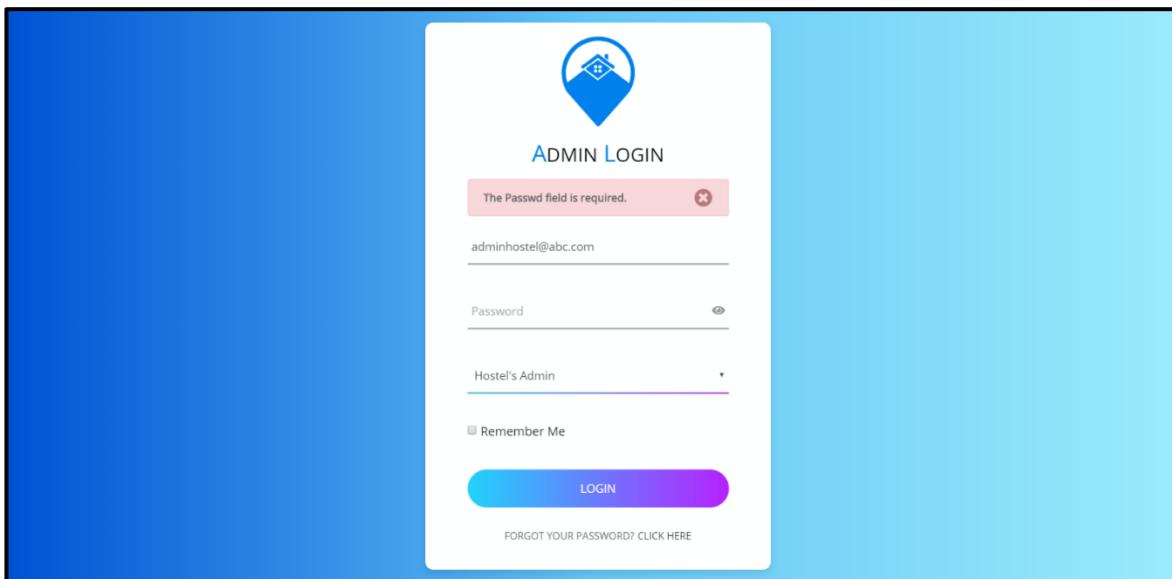
City icon

✓ **Login Form For Admins**



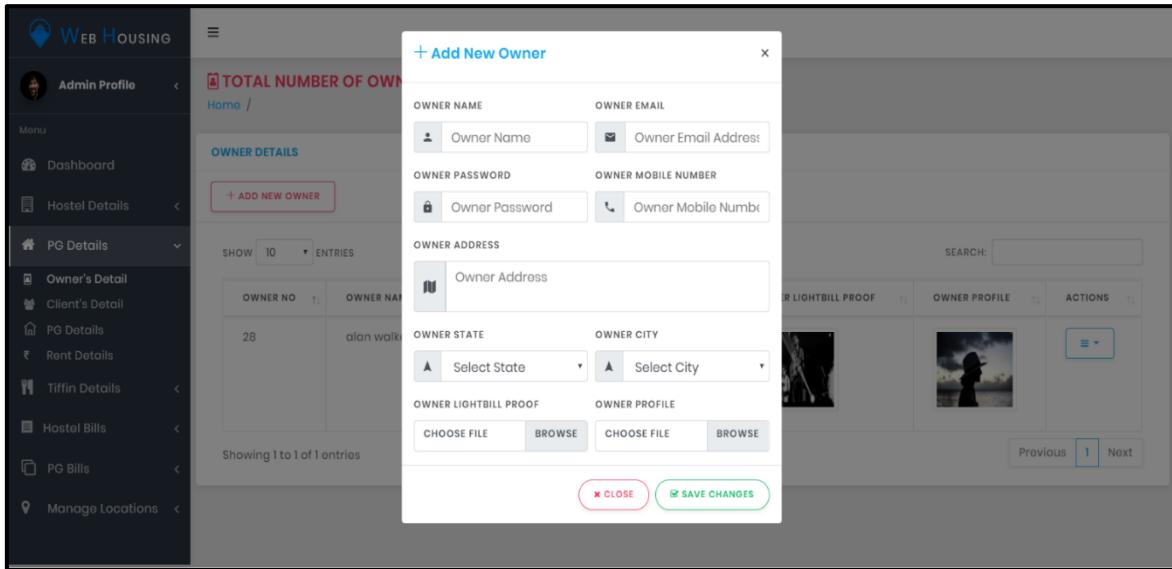
The image shows a clean, modern admin login form. It features a blue header bar at the top and a white main content area. The logo, a blue house icon inside a circle, is positioned at the top left. Below it, the text "ADMIN LOGIN" is centered. The form includes fields for "Username / Email" and "Password", both with placeholder text and password visibility icons. A dropdown menu for "Role" is set to "Super Admin". A "Remember Me" checkbox is available. A large, rounded rectangular button at the bottom is divided into two colors: blue on the left and purple on the right, with the word "LOGIN" in white. At the very bottom, there is a small, faint link: "FORGOT YOUR PASSWORD? CLICK HERE".

✓ **Login Form With Validation At Admin side**



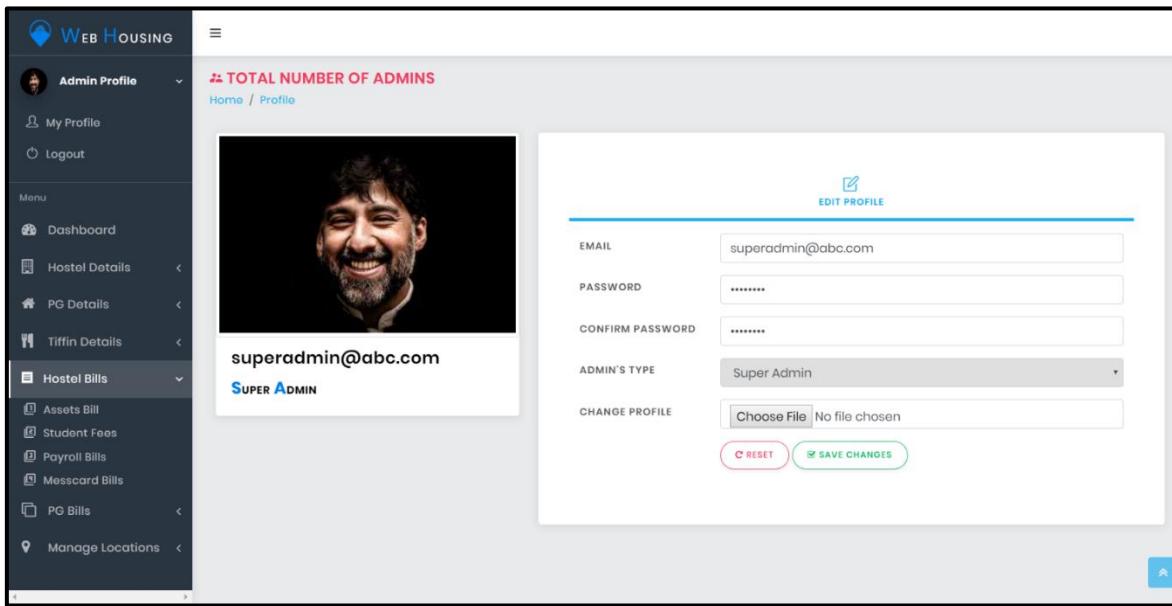
This image shows the same admin login form as above, but with validation errors. The "Password" field is highlighted in red, and a message "The Passwd field is required." is displayed above it, accompanied by a small red 'X' icon. The rest of the form appears identical to the first one, with the blue house logo, "ADMIN LOGIN" text, role selection dropdown set to "Hostel's Admin", and the "Remember Me" checkbox.

✓ Add New Owner At Admin side



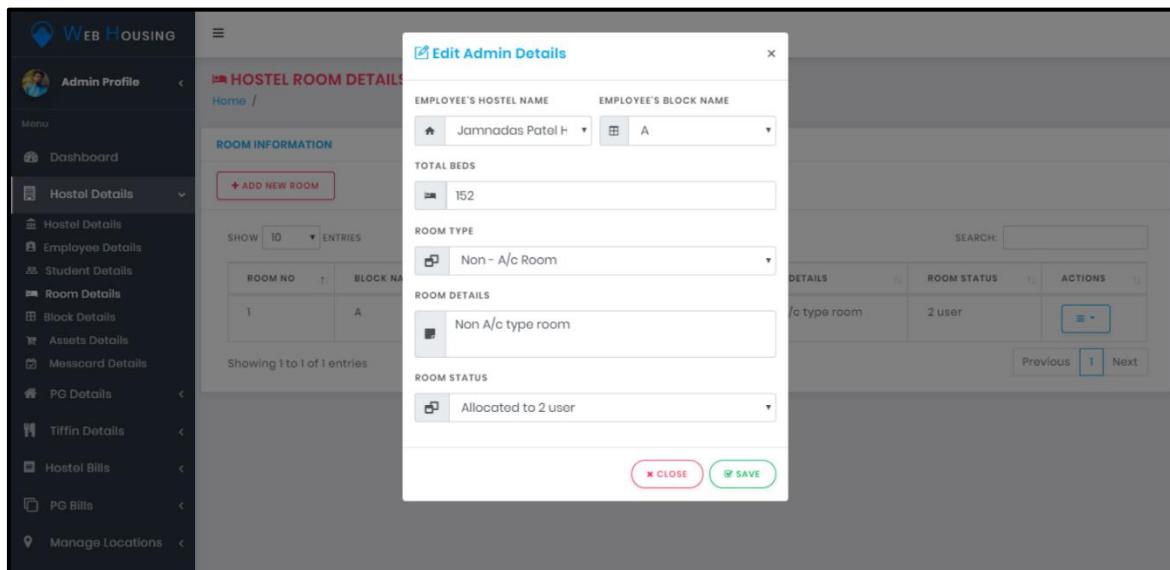
The screenshot shows the 'OWNER DETAILS' section of the 'Add New Owner' form. It includes fields for OWNER NAME, OWNER EMAIL, OWNER PASSWORD, OWNER MOBILE NUMBER, OWNER ADDRESS, OWNER STATE, OWNER CITY, OWNER LIGHTBILL PROOF, and OWNER PROFILE. There are also 'CHOOSE FILE' and 'BROWSE' buttons for profile pictures. At the bottom are 'CLOSE' and 'SAVE CHANGES' buttons.

✓ Super Admin Profile

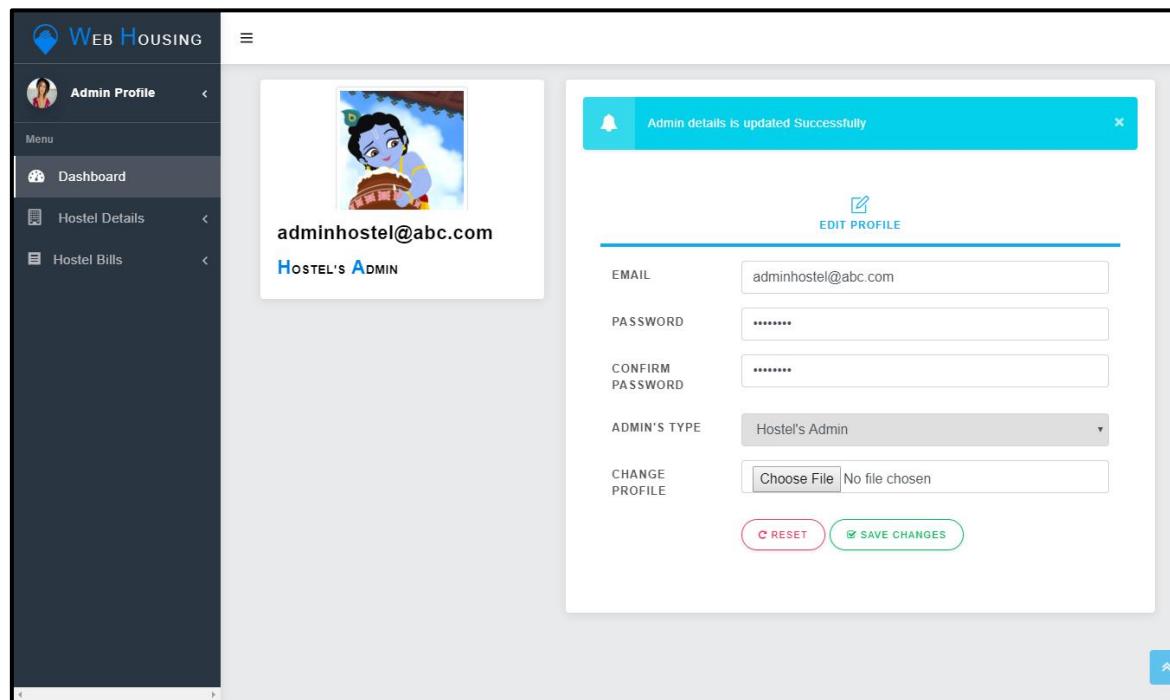


The screenshot shows the 'Edit Profile' page for a super admin. It features a large profile picture of a smiling man with a beard. Below the picture, the email 'superadmin@abc.com' and title 'SUPER ADMIN' are displayed. The right side contains a form with fields for EMAIL (superadmin@abc.com), PASSWORD, CONFIRM PASSWORD, ADMIN'S TYPE (Super Admin), and CHANGE PROFILE (with a 'Choose File' button). At the bottom are 'RESET' and 'SAVE CHANGES' buttons.

✓ **Edit Admin Details At Admin side**



✓ **Hostel Admin Profile Edit Details**



6.4 Output Design

✓ **Searching Result According to User**



FIND HOSTELS

HOME – FIND HOSTELS



JAMNADAS PATEL HOSTEL ₹ 10000

📍 15, SAHARA BUILDING NR MAJURA GATE, SURAT
395068

Hostel contains free wifi for the students & it also provides the students mess. Students can read the books or can issue the books from the library. Messcard also provided by hostel.

📞 9658741200

Book Now



KAMILABEN PATEL BOYS HOSTEL ₹ 12000

📍 KATARGAM DARVAJA SURAT
395002

Hostel contains free wifi for the students & it also provides the students mess. Students can read the books or can issue the books from the library. Messcard also provided by hostel.

📞 9965821457

Book Now

✓ Latest PGs And Hostels At Home Page in User side

RECENTLY ADDED PGs



jay patel
Ghatkoper

₹ Price/M
9000



jay patel
Varachha

₹ Price/M
12500



radhika patel
Katargam

₹ Price/M
15000

•

RECENTLY ADDED HOSTELS



kalubhai patel hostel
katargam

9658741200
395004



Jyotiba fule hostel
Katargam Surat

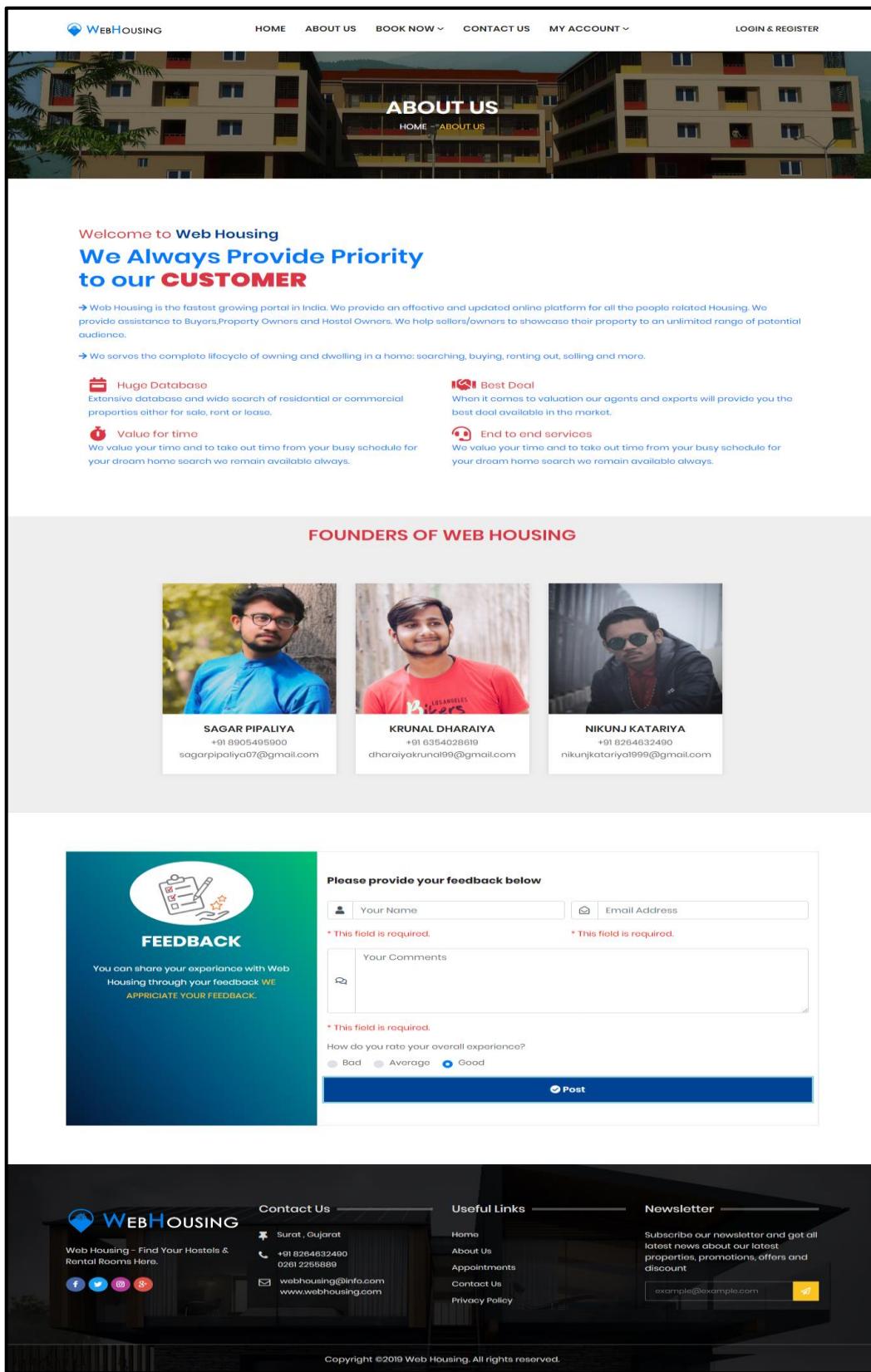
9965874545
395004



Kamlaben Patel Boys Hostel
Katargam Darvaja Surat

9965821457
395002

✓ **About Us At User Side**



Welcome to Web Housing
We Always Provide Priority to our CUSTOMER

→ Web Housing is the fastest growing portal in India. We provide an effective and updated online platform for all the people related Housing. We provide assistance to Buyers, Property Owners and Hostel Owners. We help sellers/owners to showcase their property to an unlimited range of potential audience.

→ We serve the complete lifecycle of owning and dwelling in a home: searching, buying, renting out, selling and more.

Huge Database
 Extensive database and wide search of residential or commercial properties either for sale, rent or lease.

Best Deal
 When it comes to valuation our agents and experts will provide you the best deal available in the market.

Value for time
 We value your time and to take out time from your busy schedule for your dream home search we remain available always.

End to end services
 We value your time and to take out time from your busy schedule for your dream home search we remain available always.

FOUNDERS OF WEB HOUSING



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NIKUNJ KATARIYA
 +91 8264632490
 nikunjkatariya1999@gmail.com



FEEDBACK
 You can share your experience with Web Housing through your feedback WE APPRICATE YOUR FEEDBACK.

Please provide your feedback below

* This field is required.

* This field is required.

* This field is required.

How do you rate your overall experience?

Bad
 Average
 Good

Post



Web Housing – Find Your Hostels & Rental Rooms Here.

Contact Us

Surat, Gujarat
 +91 8264632490
 0281 22656699
 webhousing@info.com
 www.webhousing.com

Useful Links

Home
 About Us
 Appointments
 Contact Us
 Privacy Policy

Newsletter

Subscribe our newsletter and get all latest news about our latest properties, promotions, offers and discount

✓ **Tiffin Profile At User side**



HOW ARE MEAL TIFFINS PRICED?

Lunches are priced to be extremely affordable for their quality and quantity, because we know they are your daily meals.

TYPE	PRICE
VEG	₹ 80
NON-VEG	₹ 90

The total price of your meal plan (not inclusive of delivery charges) is indicated below each icon in Red. We calculate this on a weekly basis taking into account public holidays, etc. so that you always pay for exactly how many tiffins you get and you can always calculate this at any time.

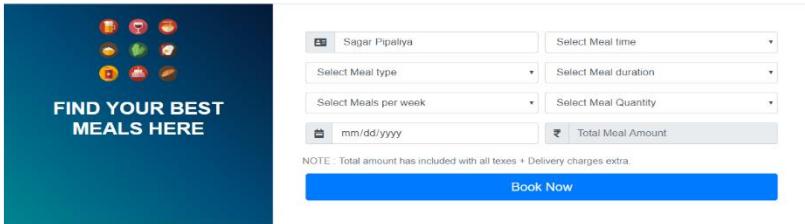
HOW MUCH IS THE DELIVERY CHARGE?

We relies on the fail-safe Association to deliver its lunch tiffins, for which customers pay the standard delivery fee. This fee is additional to the cost of the usl Meals and will be added to your bill so you just have to make one payment! Convenient!

DURATION	DAYS	AMOUNT
1 WEEK	5 DAYS	₹ 150
1 WEEK	6 DAYS	₹ 180
1 MONTH	5 DAYS	₹ 600
1 MONTH	6 DAYS	₹ 720
3 MONTH	5 DAYS	₹ 1800
3 MONTH	6 DAYS	₹ 2160
DURATION	DAYS	AMOUNT

WHAT ARE ORDER PLACING AND CANCELLATION TIMINGS?

MEAL TYPE	ORDER TIME	CANCELLATION TIME
LUNCH	ONE DAY BEFORE BY 8 PM	ONE DAY BEFORE BY 8 PM
DINNER	SAME DAY BEFORE BY 10 AM	SAME DAY BEFORE BY 10 AM
MEAL TYPE	ORDER TIME	CANCELLATION TIME



FIND YOUR BEST MEALS HERE

Sagar Pipalya Select Meal time

Select Meal type Select Meal duration

Select Meals per week Select Meal Quantity

mm/dd/yyyy ₹ Total Meal Amount

NOTE : Total amount has included with all taxes + Delivery charges extra.

Book Now

Contact Us Useful Links Newsletter

Surat , Gujarat Home Subscribe our newsletter and get all latest news about our latest properties, promotions, offers and discount

+91 8264652490 About Us example@example.com

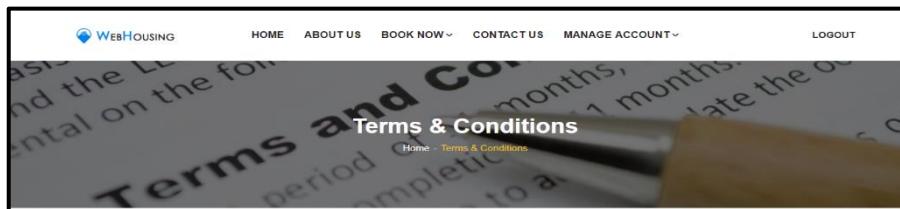
0261 2255699 Appointments 

webhousing@toto.com Contact Us 

www.webhousing.com Privacy Policy 

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✓ Our Terms & Conditions



OUR TERMS & CONDITIONS

→ These Terms and Conditions (Conditions) set out the basis on which Web Housing Web Housing (as defined below) will provide accommodation and other products and services at its hostels to Customers (as defined below) and Guests (as defined below). By making a Booking (as defined below) the Customer agrees to comply with these Conditions.

INTERPRETATION

In these Terms and Conditions, unless the context otherwise requires, the following expressions have the following meanings:

- **Arrival Date** means the date on which the Customer's stay at the Hostel is due to commence, as per the Booking Details
- **Booking** means the reservation by the Customer of accommodation and any other products and services detailed in the Booking which is accepted by Web Housing Web Housing
- **Booking Details** means the details of the Booking including the number of Guests, the number of rooms required, the duration of the Guests' stay at the Hostel and any other products and/or services to be included in the Booking
- **Charges** means the charges payable by the Customer in connection with the Booking
- **Contract** means the contract between the Customer and Web Housing Web Housing in relation to the Booking
- **Customer** means person who makes the Booking
- **Web Housing** Web Housing such other company in the same group of companies as Web Housing Web Housing that operates the Hostel
- **Guests** means the Customer and any third parties they invite to the Hostel in connection with the Booking
- **Hostel** means the hostel owned or operated by Web Housing Web Housing the location of which is specified in the Booking

BOOKINGS POLICY

→ Customers can request Bookings via Web Housing website, by contacting Web Housing staff at the Hostel or from registered Travel Agents (Offline/Online)

→ When requesting Bookings, Customers will be required to provide identification information including, but not limited to, their name, address, contact telephone number and email address.

→ No request for a Booking should be deemed to be accepted unless and until Web Housing confirms its acceptance and provides a booking reference, at which point the Contract will come into existence.

→ Subject to cancellation policy Web Housing will use its reasonable endeavours to accommodate any request from the Customer to change the Booking Details but any request to change the dates or length of stay or add products and/or services will be subject to availability and the Customer paying for such increased length of stay and/or products and/or services at Web Housing standard rates from time to time.

→ When booking beds in a shared room, Web Housing will attempt to put people on the same booking in the same room, however this can not be guaranteed.

→ Male guests are not allowed to enter the female specific rooms / dorms. If any of the male guests booked in for female specific dorms, Web Housing will use its reasonable endeavours and the guest(s) will be moved to mixed dorms which is also subject to availability and Guest(s) will have to pay the difference or the booking will be marked as 'No-Show' and no payments will be refunded. In case rates of mixed dorm are lower than female dorm in the mentioned case, no difference in rates will be returned.

GROUP BOOKINGS

→ Web Housing do not allow groups of larger than 4 people and this is strictly enforced at check-in (please do not make 2 or more bookings).

If you're looking to book for a group of 5+ people, our dedicated booking team will make sure your group stay is booked and managed with ease. Write us at info@roadhousehostels.com for group Bookings. Booking for below 5 people can be booked from www.roadhousehostels.com or from registered Travel Agents (Offline/Online)

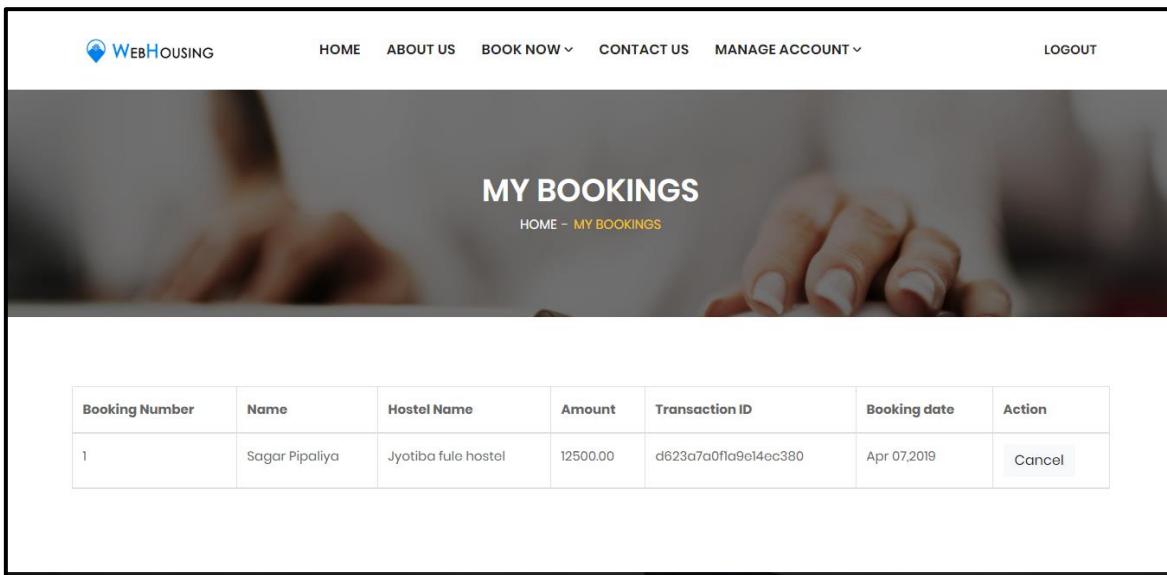
LONG STAYS

→ Customer can stay for a continuous period of maximum four weeks. Customer may return to enjoy the stay at our property again after a week. It is at the discretion of Web Housing to allow customer to stay beyond four weeks.

→ Total number of days customer can stay at any of the hostels can not be more than 30 days in a year (Jan 1st – Dec 31st). Web Housing reserve the right of admission after the mentioned period.



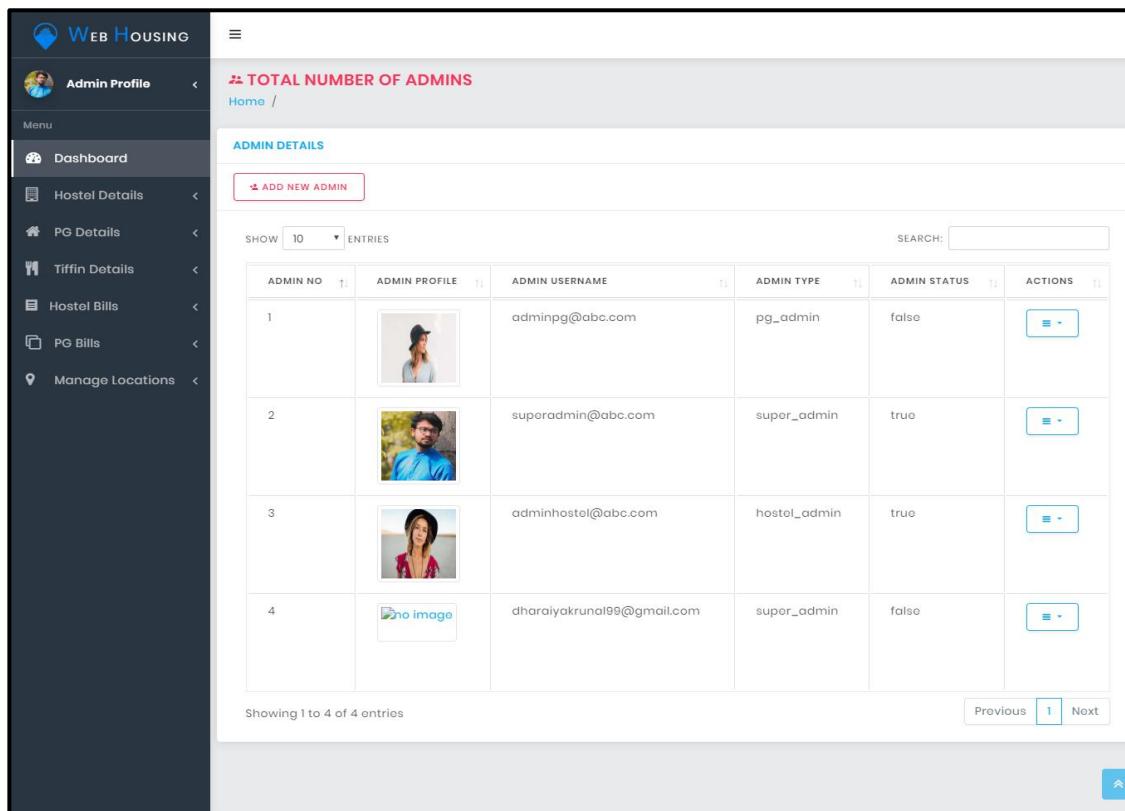
✓ **User Booking Details At User side**



The screenshot shows the 'MY BOOKINGS' section of the WebHousing user interface. At the top, there is a navigation bar with links: HOME, ABOUT US, BOOK NOW, CONTACT US, MANAGE ACCOUNT, and LOGOUT. Below the navigation bar, the title 'MY BOOKINGS' is centered above a breadcrumb trail 'HOME - MY BOOKINGS'. A blurred background image of hands interacting with a device is visible. A table below displays the user's booking information:

Booking Number	Name	Hostel Name	Amount	Transaction ID	Booking date	Action
1	Sagar Pipaliya	Jyotiba fule hostel	12500.00	d623a7a0fba9e14ec380	Apr 07.2019	Cancel

✓ **Admins List Display At Admin side**

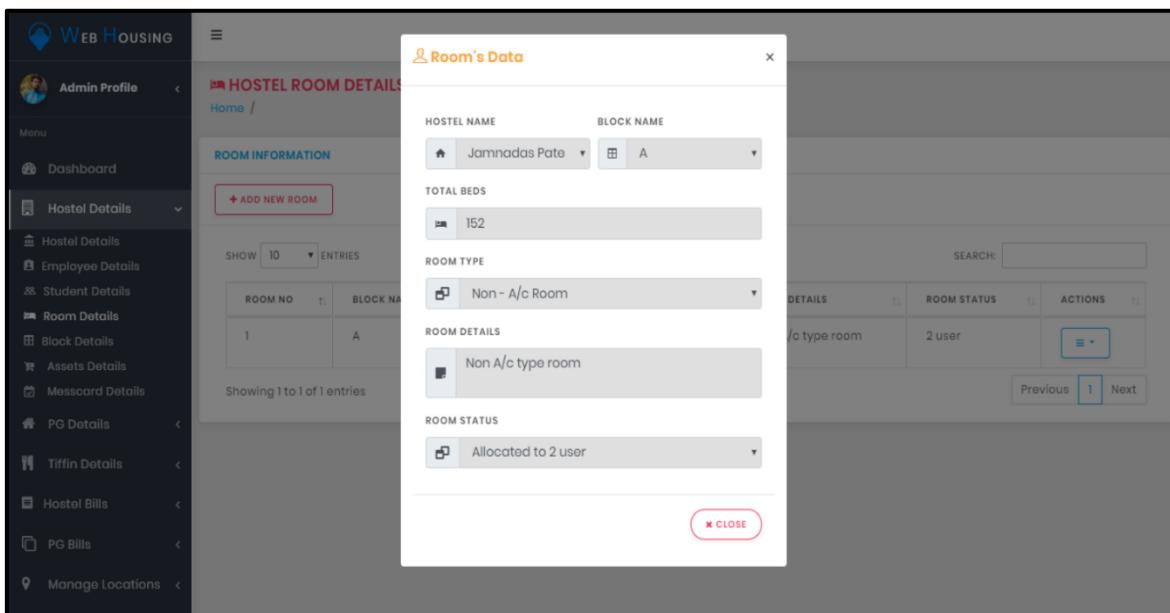


The screenshot shows the 'TOTAL NUMBER OF ADMINS' section of the WebHousing admin interface. On the left, a sidebar menu includes 'Dashboard', 'Hostel Details', 'PG Details', 'Tiffin Details', 'Hostel Bills', 'PG Bills', and 'Manage Locations'. The main content area has a header 'TOTAL NUMBER OF ADMINS' and a breadcrumb 'Home /'. Below this is a table titled 'ADMIN DETAILS' with columns: ADMIN NO, ADMIN PROFILE, ADMIN USERNAME, ADMIN TYPE, ADMIN STATUS, and ACTIONS. The table contains four entries:

ADMIN NO	ADMIN PROFILE	ADMIN USERNAME	ADMIN TYPE	ADMIN STATUS	ACTIONS
1		adminpg@abc.com	pg_admin	false	Edit
2		superadmin@abc.com	super_admin	true	Edit
3		adminhostel@abc.com	hostel_admin	true	Edit
4		dharaiyakrunal99@gmail.com	super_admin	false	Edit

At the bottom, it says 'Showing 1 to 4 of 4 entries' and has navigation buttons 'Previous' (disabled), '1', and 'Next'.

✓ **View Room Details At Admin side**

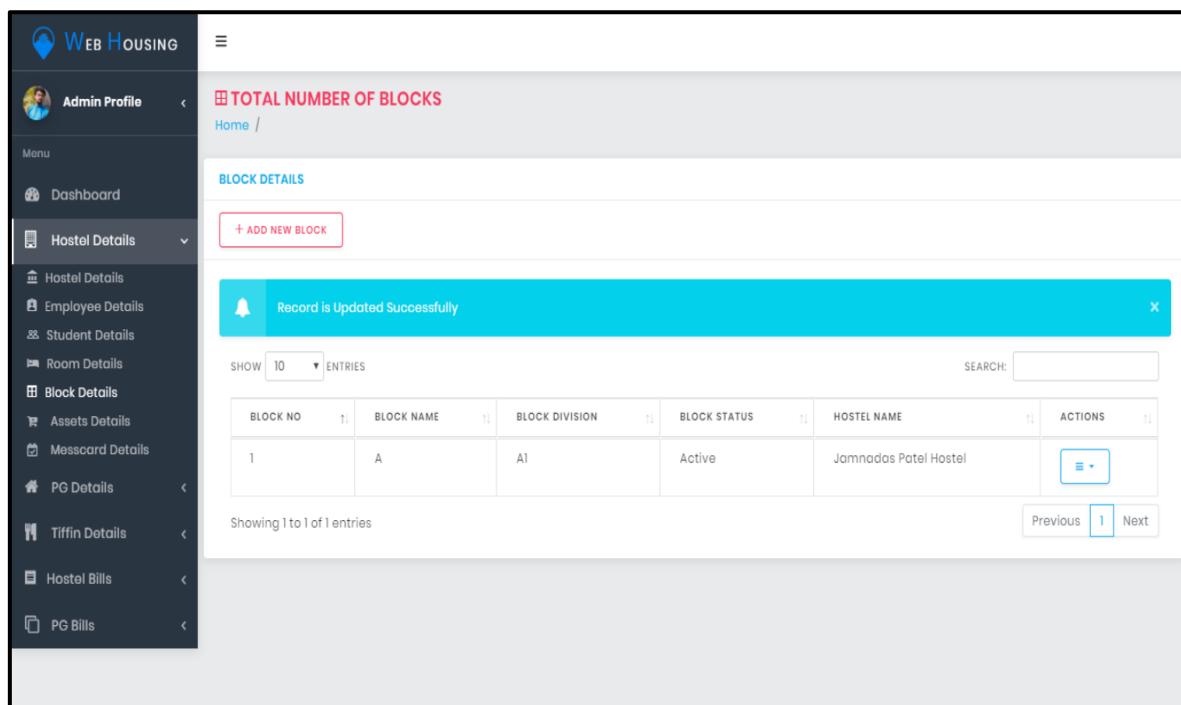


The screenshot shows the 'HOSTEL ROOM DETAILS' section of the WebHousing Admin interface. A modal window titled 'Room's Data' is open, displaying the following information:

- HOSTEL NAME:** Jamnadas Patel
- BLOCK NAME:** A
- TOTAL BEDS:** 152
- ROOM TYPE:** Non - A/c Room
- ROOM DETAILS:** Non A/c type room
- ROOM STATUS:** Allocated to 2 user

The background shows a table with columns: DETAILS, ROOM STATUS, and ACTIONS. One row in the table is visible, showing 'Non A/c type room' under DETAILS, '2 user' under ROOM STATUS, and a dropdown menu under ACTIONS.

✓ **Update Block Details At Admin side**



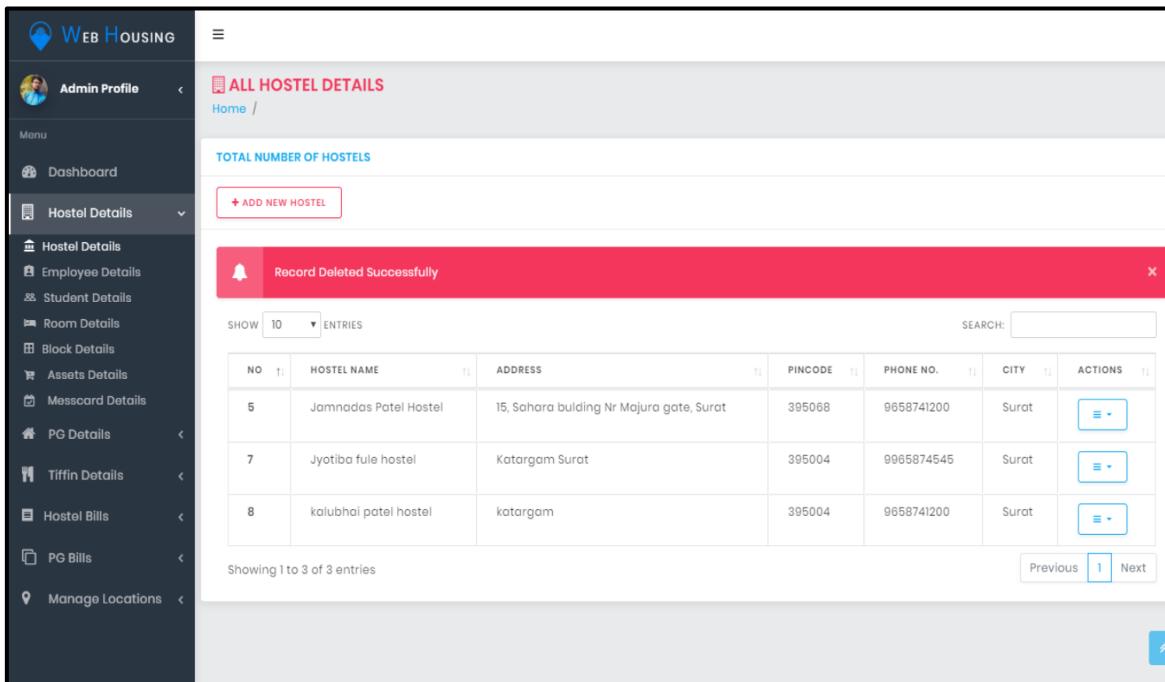
The screenshot shows the 'TOTAL NUMBER OF BLOCKS' section of the WebHousing Admin interface. A modal window titled 'BLOCK DETAILS' is open, displaying the following information:

- + ADD NEW BLOCK**
- Record is Updated Successfully** (A blue success message)
- SHOW:** 10 ENTRIES
- SEARCH:** (Search bar)
- BLOCK DETAILS TABLE:**

BLOCK NO	BLOCK NAME	BLOCK DIVISION	BLOCK STATUS	HOSTEL NAME	ACTIONS
1	A	A1	Active	Jamnadas Patel Hostel	

The background shows a table with columns: BLOCK NO, BLOCK NAME, BLOCK DIVISION, BLOCK STATUS, HOSTEL NAME, and ACTIONS. One row in the table is visible, showing '1' under BLOCK NO, 'A' under BLOCK NAME, 'A1' under BLOCK DIVISION, 'Active' under BLOCK STATUS, 'Jamnadas Patel Hostel' under HOSTEL NAME, and an edit icon under ACTIONS.

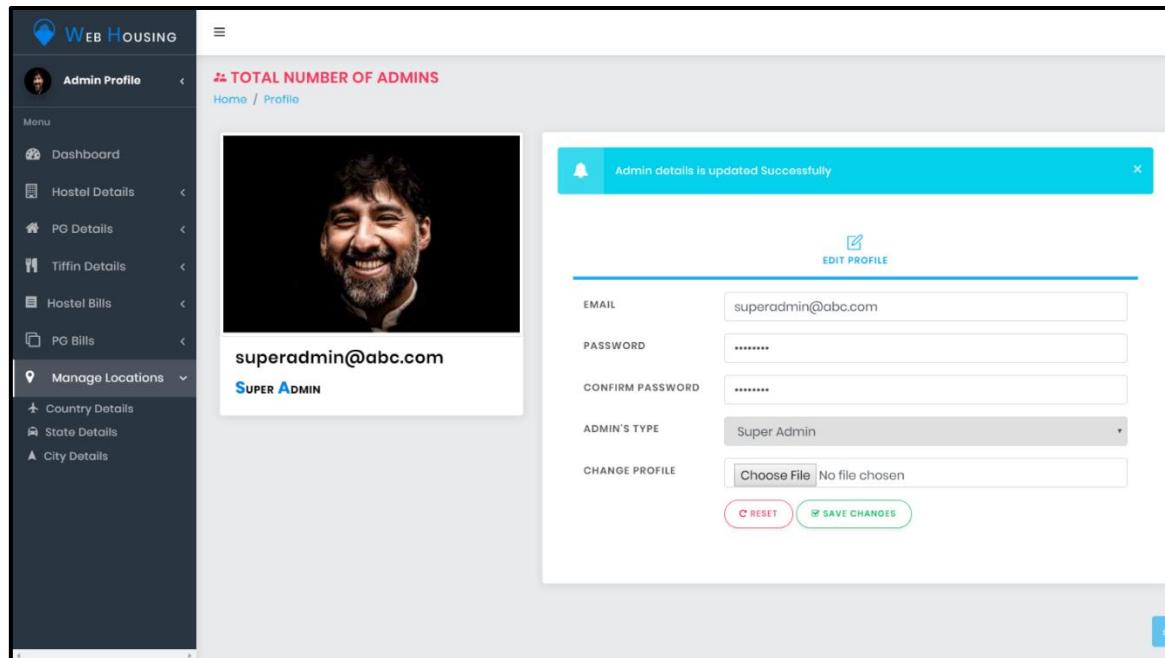
✓ **Delete Hostel Details At Admin side**



The screenshot shows the 'Hostel Details' section of the WebHousing admin dashboard. A success message 'Record Deleted Successfully' is displayed in a red banner at the top. Below it is a table listing three hostels. The third row, which contains the details for 'kalubhai patel hostel' located in 'katargam', has been deleted. The table includes columns for NO, HOSTEL NAME, ADDRESS, PINCODE, PHONE NO., CITY, and ACTIONS.

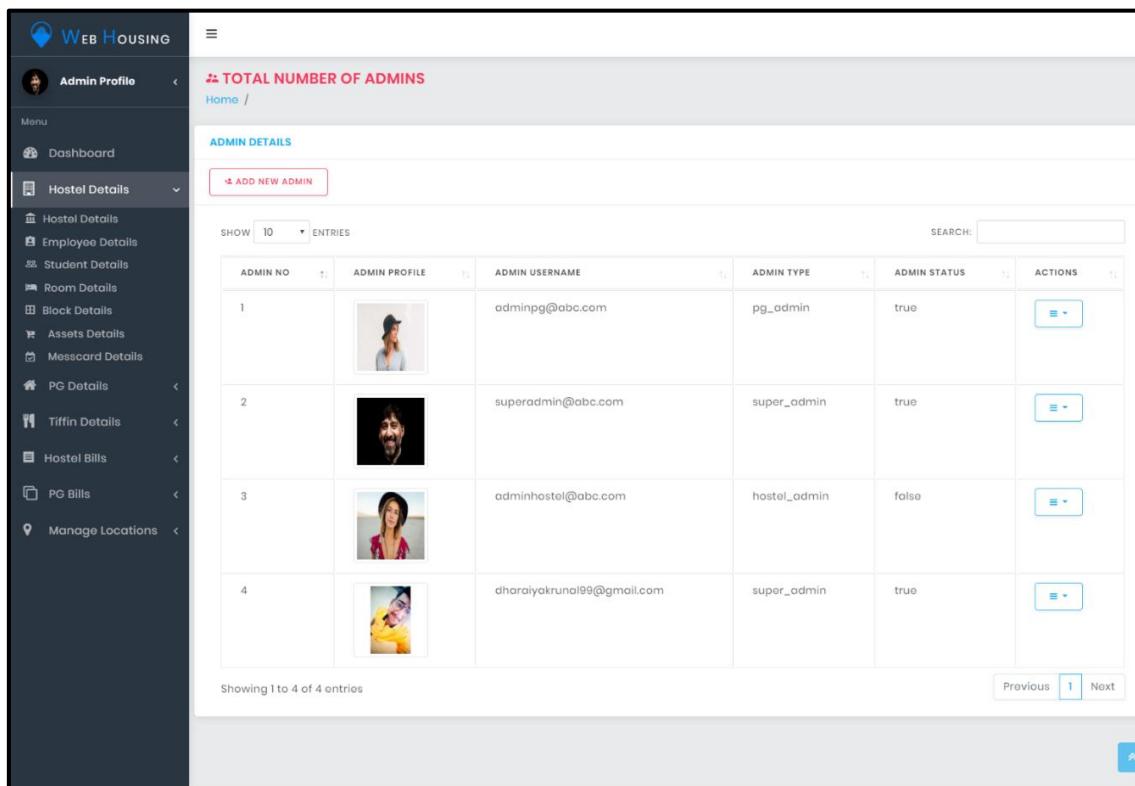
NO	HOSTEL NAME	ADDRESS	PINCODE	PHONE NO.	CITY	ACTIONS
5	Jamnadas Patel Hostel	15, Sahara building Nr Majura gate, Surat	395068	9658741200	Surat	≡
7	Jyotiba file hostel	Katargam Surat	395004	9965874545	Surat	≡
8	kalubhai patel hostel	katargam	395004	9658741200	Surat	≡

✓ **Admin Profile Updated Message**



The screenshot shows the 'Manage Locations' section of the WebHousing admin dashboard. A success message 'Admin details is updated Successfully' is displayed in a blue banner at the top. To the left, there is a preview of the admin profile with the email 'superadmin@abc.com' and the title 'SUPER ADMIN'. The main form on the right allows updating the admin's email ('superadmin@abc.com'), password ('*****'), confirm password ('*****'), and admin type ('Super Admin'). It also includes a 'CHANGE PROFILE' field with a file input ('Choose File') and two buttons: 'RESET' and 'SAVE CHANGES'.

✓ Admin Listing At Admin side

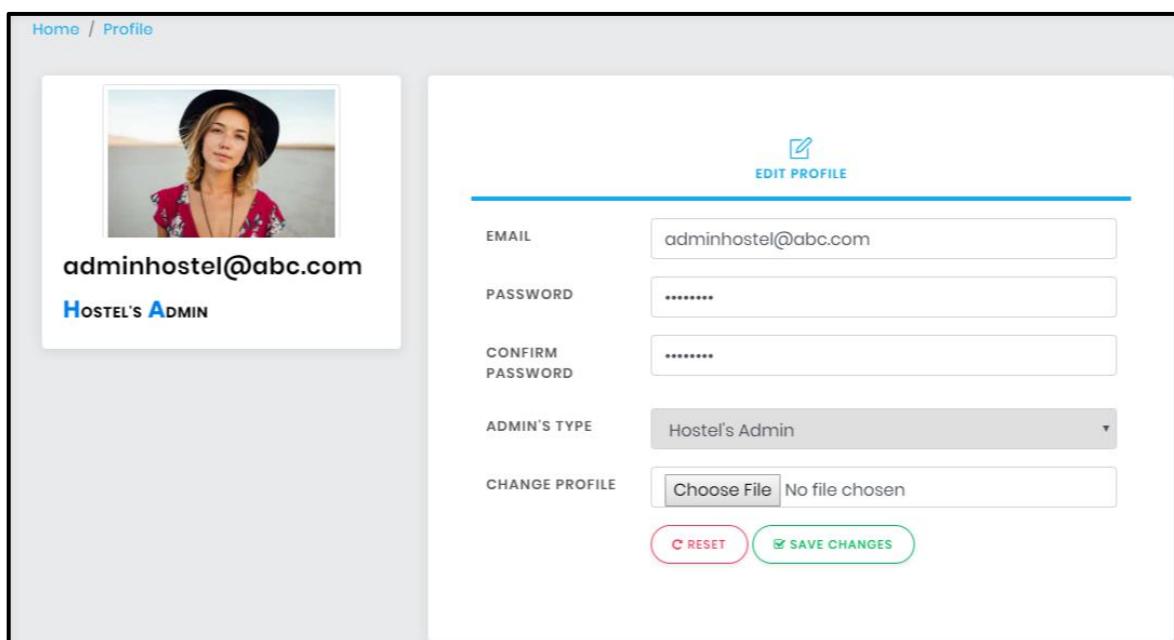


The screenshot shows the 'ADMIN DETAILS' section of the Web Housing application. On the left is a sidebar with various menu items like Dashboard, Hostel Details, PG Details, etc. The main area displays a table titled 'TOTAL NUMBER OF ADMINS' with the following data:

ADMIN NO	ADMIN PROFILE	ADMIN USERNAME	ADMIN TYPE	ADMIN STATUS	ACTIONS
1		adminpg@abc.com	pg_admin	true	
2		superadmin@abc.com	super_admin	true	
3		adminhostel@abc.com	hostel_admin	false	
4		dharaiyakrunal99@gmail.com	super_admin	true	

Showing 1 to 4 of 4 entries

✓ Hostel Admin Profile



The screenshot shows the 'Profile' section of the Web Housing application. On the left is a sidebar with 'Home / Profile'. The main area displays a profile card for 'adminhostel@abc.com' (HOSTEL'S ADMIN) with a placeholder profile picture. To the right is the 'EDIT PROFILE' form:

	EDIT PROFILE
EMAIL	adminhostel@abc.com
PASSWORD	*****
CONFIRM PASSWORD	*****
ADMIN'S TYPE	Hostel's Admin
CHANGE PROFILE	<input type="button" value="Choose File"/> No file chosen
<input type="button" value="C RESET"/> <input checked="" type="button" value="SAVE CHANGES"/>	

✓ **Software testing**

- Software testing is a critical element of software quality assurance & represents the ultimate review of specification design & coding. Testing is an exposure of a system to train input to see whether it produces correct output. Testing can't be determine whether software meets user's needs, only whether it appears to confirm the requirements. Testing can sure that a system is free of errors, only that it contains error. Testing finds errors, it doesn't correct errors. Software success is a quality product, on time within cost. Though testing can reveal critical mistakes. Testing should therefore,
 1. Validate performance
 2. Detects error
 3. Identify inconsistencies
- There is strong evidence that effective requirement management leads to overall project cost savings. 3 primary reasons for these are:
 - Requirement errors typically cost well over ten times more to repair than other errors.
 - Requirement errors typically comprise over 40% of all errors in a software project.
 - Small reduction in the number of requirement errors pays big dividends in avoided rework cost & schedule delays
- The testing procedure should care for all of these, as well as in order to attain a flow less, error-free & efficient functioning system too, software testing is an unimportant phase of any software development life cycle. Various reports & data used for the same are the core of the system. The testing, therefore becomes important in order to maintain the cost as well as improve performance & consistency. The testing procedure for the system has been divided into various parts ranging for single unit testing to entire system testing.

✓ **Test Planning**

Test planning involves following steps:

- Estimate the size & cost of the testing efforts.
- May allocate test resources.
- Schedule test activities in accord with other development work.

✓ **Generating test cases**

A test case is a unit of testing activity. Test cases have 3 parts:

- Goal-the aspect of the system being tested.
- Input & system state-data provided to the system under tested conditions.
- Expected behaviour-the output or action the system should take according to these requirements.

✓ **Black-Box Testing**

Black-box testing, also called behavioral testing, focuses on the functional requirements of the software. That is, black-box testing enables the software engineer to derive sets of input condition that will fully exercise all functional requirements for a program. Black-box testing is not an alternative to white-box techniques. Rather, it is a complementary approach that is likely to uncover a different class of errors than white-box methods.

Black-box testing attempts to find errors in the following categories:

- Incorrect or missing functions
- Interface errors
- Errors in data structures or external data base access
- Behavior or performance errors

✓ **White-Box Testing**

White box testing sometimes called glass-box testing is a test design method that uses the control structure of the procedural design to derive test cases.

Using white-box testing methods, the software engineer can derive test cases that:

- Guarantee that all independent paths within a module have been exercised at least once.
- Exercise all logical decisions on their true and false sides.

✓ **Unit Testing**

Unit testing focuses verification effort on the smallest unit of software design – the software component or module. Using the component-level design description as a guide, important control paths are tested to uncover errors within the boundary of the module. The unit test focuses on the internal processing logic and data structures within the boundaries of a component. This type of testing can be conducted in parallel for multiple components.

✓ **Integration Testing**

Integration testing is a systematic technique for constructing the software architecture while at the same time conducting tests to uncover errors associated with interfacing. The objective is to take unit tested components and build a program structure that has been dictated by design.

✓ **System Testing**

In this testing we take the requirements document as a reference to see whether the software meets all its requirements, goal or not.

The objective of the system testing is to promote software functionality, reliability and maintainability.

We used some testing in our system such as:

- **Recovery Testing**

In this testing we verify that if any failure occurred in our system then its recover proper or not.

- **Security Testing**

In this testing, we attempt to verify that protection mechanism of our system. In our system we check the security such as login and password security. If any user want to access our deep information and want to use our services then he/she must have to be login and other user cannot access or see the information of the another user.

✓ **Limitations of current system**

Now-a-day Each and every system has certain drawbacks that are improper working. Our current system of keeping all Customers and registration is quite problematic and it can be more tedious to us in some way.

Following are some drawbacks of current system that are observed and forced us to design new system.

- **Limited Business Area**

Our traditional way business is limited area because geographical limitation always their company cannot take requirement for other country client.

- **Time Consuming**

In our current system, all the process are carried out by human and there are many physical forms for registration of the customers so naturally it requires more time and in that sense, it will require more time to complete transaction.

- **More Human Error**

In our current system, the workload on the human side is there. So there are more chances of human errors like adding improper data. The admin has to refer the system how it works hence it is difficult to understand & it produces the error.

✓ **System Enhancement**

- There is a possibility to create a chat server, through users can directly communicate with PG owners.
- Improve the system security level of database & data transactions.
- Allow others to give an advertisement in the system.

✓ **References**

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