

# Hotel Management System

**Developed by: Ronaldo**

**Languages used to create this app are:**

HTML

CSS

JavaScript

MySql

**Tools used to create this app are:**

VSCode Text Editor

Chroome Browser

Xampp Server (LocalHost)

**Package Manager:**

NPM

## **Project Structure:**

This project is divided in to two parts.

- 1) Client, For Client to check their details
- 2) Admin, For Admin to input new entries

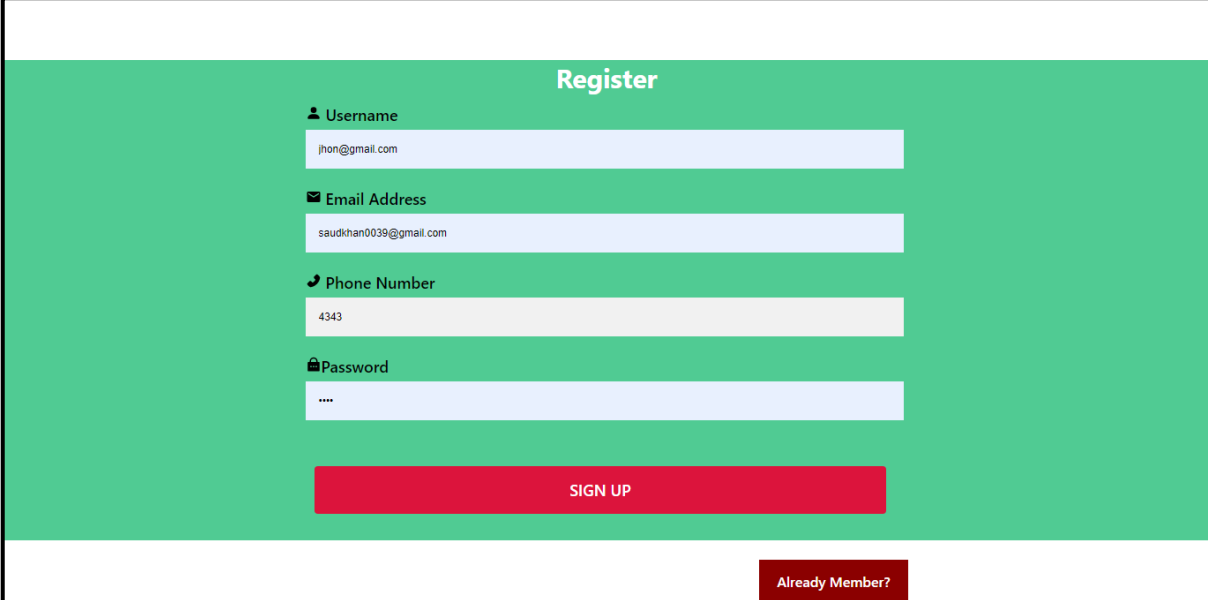
## **Directory Structure:**

There are three main directories in this project

- 1) Airbnb  
This directory is for client user where a client can visit and login to their account to see details
- 2) Airbnb-Admin  
This directory is for Admin user where an admin can login to web app and add hotels, facilities and do other stuffs
- 3) Backend  
This directory is used for back end coding. Where the node js server is created and also the database connection is also created with MySql Database.

## Client User Screenshots:

### Register Screen



A screenshot of a web application's registration screen. The background is a solid green color. At the top center, the word "Register" is written in white. Below it, there are four input fields, each with a label and an icon: "Username" with a person icon, "Email Address" with an envelope icon, "Phone Number" with a phone icon, and "Password" with a lock icon. The input fields contain the following text: "jhon@gmail.com", "saudkhan0039@gmail.com", "4343", and "\*\*\*\*" respectively. Below the input fields is a red button with the text "SIGN UP" in white. At the bottom right, there is a red button with the text "Already Member?" in white.

**Register**

**Username**  
jhon@gmail.com

**Email Address**  
saudkhan0039@gmail.com

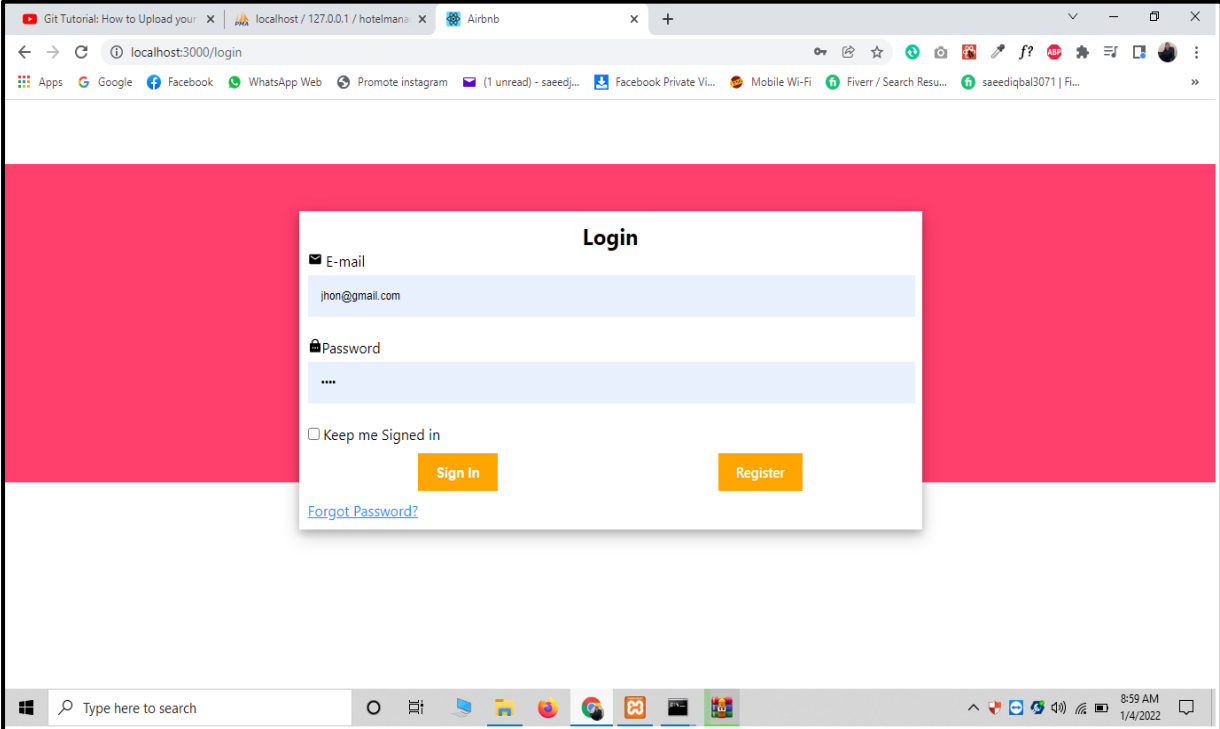
**Phone Number**  
4343

**Password**  
\*\*\*\*

**SIGN UP**

**Already Member?**

### Login Screen



A screenshot of a web application's login screen. The background is a solid pink color. In the center, there is a white box with the word "Login" in black. Inside the box, there are two input fields: "E-mail" with an envelope icon and "Password" with a lock icon. The input fields contain the following text: "jhon@gmail.com" and "\*\*\*\*" respectively. Below the input fields is a checkbox labeled "Keep me Signed in". To the right of the checkbox are two orange buttons: "Sign In" and "Register". Below the "Sign In" button is a blue link labeled "Forgot Password?". The screenshot also shows a browser window with multiple tabs and a Windows taskbar at the bottom.

**Login**

**E-mail**  
jhon@gmail.com

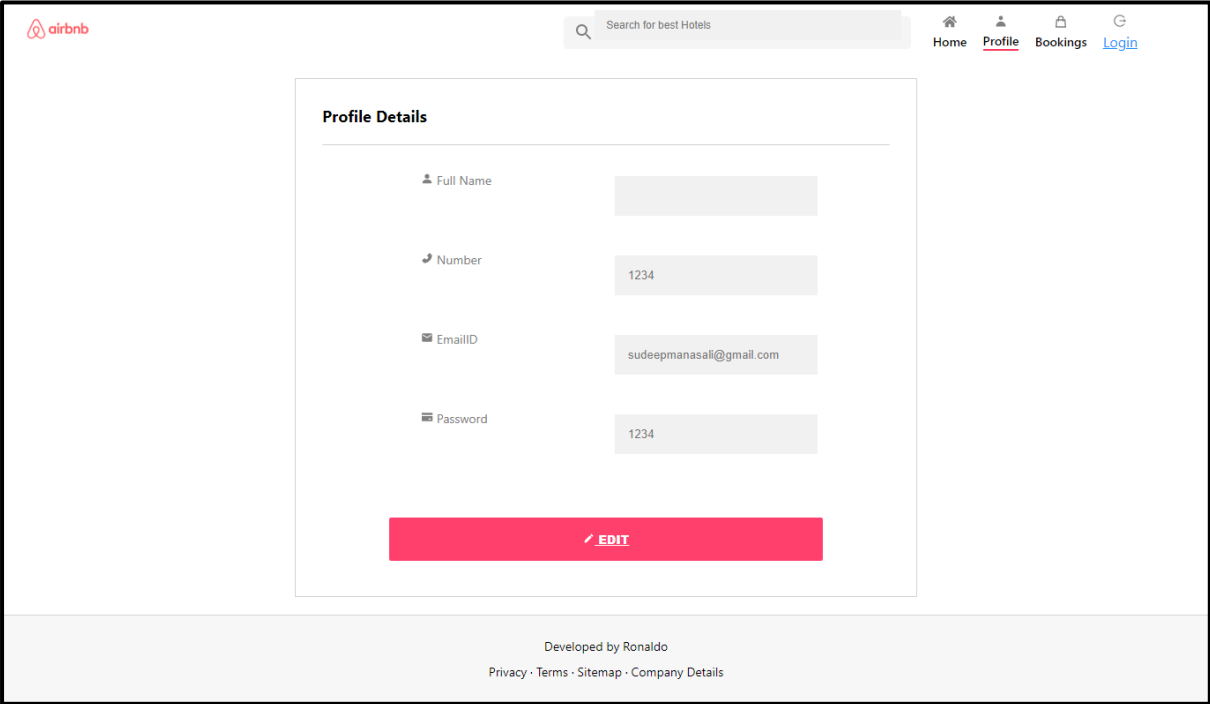
**Password**  
\*\*\*\*

☐ Keep me Signed in

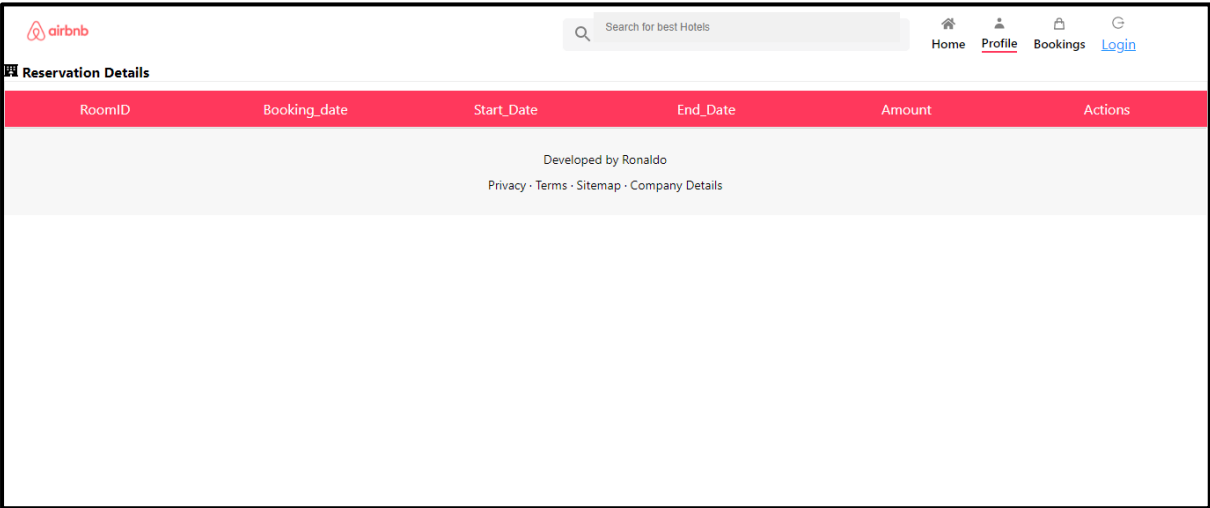
**Sign In** **Register**

[Forgot Password?](#)


Profile Screen



Reservation Screen



## Main Home Screen



Search for best Hotels


HomeProfileBookingsLogin


Search\_Dates

### Get down and stretch your imagination

plan a different kind of gateway to uncover the hidden gems near you.


[Explore Nearby](#)






#### Online Experiences

Unique activities we can do together, led by a world of hosts.




#### Unique stays

Spaces that are more than just a place to sleep.



#### Entire homes

Comfortable private places, with room for friends or family.



#### 3 Bedroom Flat in Bournemouth


Superhost with a stunning view of the beachside in Sunny Bournemouth

**£130/night**

#### Penthouse in London

Enjoy the amazing sights of London with this stunning penthouse

**£350/night**



#### 1 Bedroom apartment

Superhost with great amenities and a fabulous shopping complex nearby

**£70/night**

Developed by Ronaldo

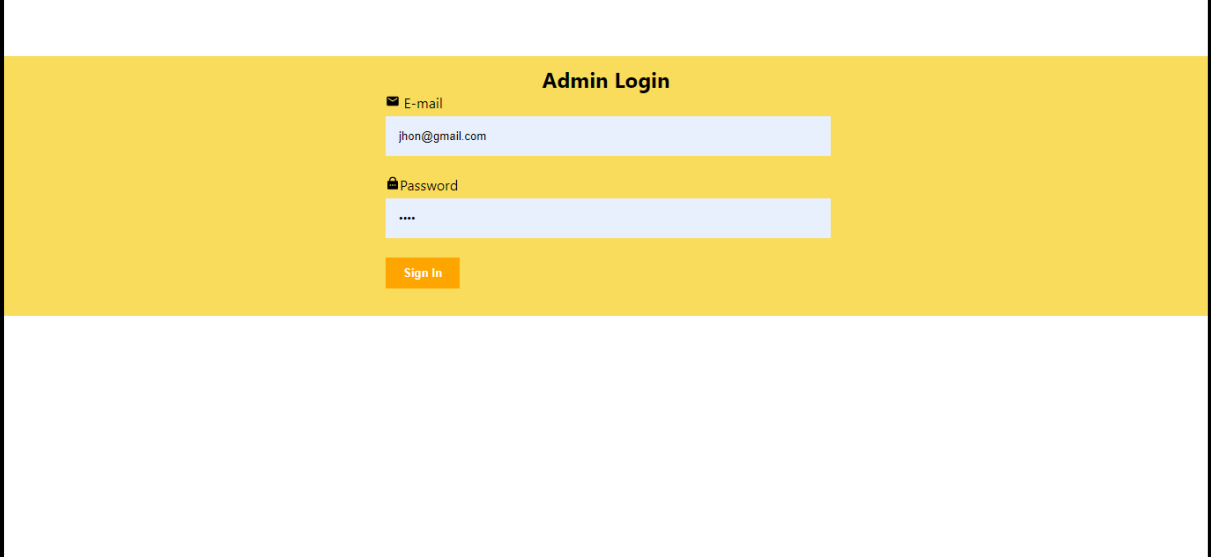
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## **Explanation of client front end:**

- For the front end development a popular library of JavaScript is used which is known as React JS.
- Inside React JS function based components are used.
- Each element is acting like separate component for example, Menu is considered a single component, Footer, Header, Login etc these are all different separate components
- Each component have 2 files. One is .js JavaScript file while the other is CSS file .css extension.
- CSS is used to make the pages look beautiful and responsive

## Admin User Screenshots:

Login screen



The Admin Login screen features a yellow background for the form area. It includes a title 'Admin Login', an email input field with the placeholder 'E-mail' and the text 'jhon@gmail.com', a password input field with the placeholder 'Password' and masked characters '\*\*\*\*', and a 'Sign In' button.

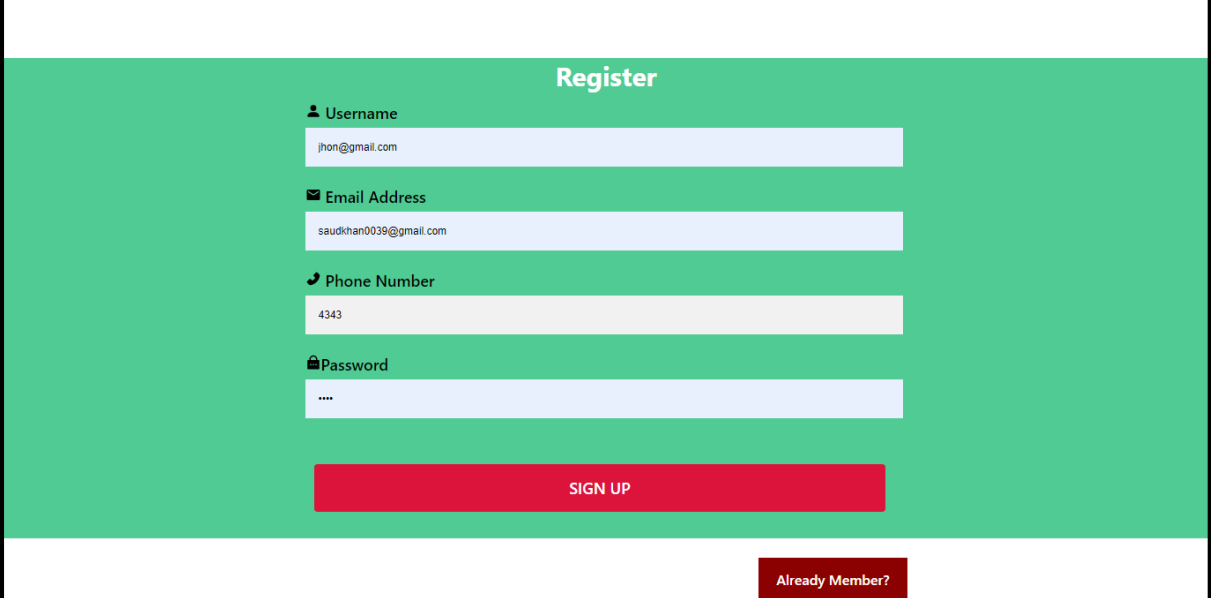
**Admin Login**

E-mail  
jhon@gmail.com

Password  
\*\*\*\*

Sign In

Register Screen



The Register screen has a green background for the form area. It includes a title 'Register', four input fields for 'Username' (placeholder 'jhon@gmail.com'), 'Email Address' (placeholder 'saudkhan0039@gmail.com'), 'Phone Number' (placeholder '4343'), and 'Password' (placeholder '\*\*\*\*'). A red 'SIGN UP' button is at the bottom of the form. A link 'Already Member?' is located at the bottom right of the screen.

**Register**

Username  
jhon@gmail.com

Email Address  
saudkhan0039@gmail.com

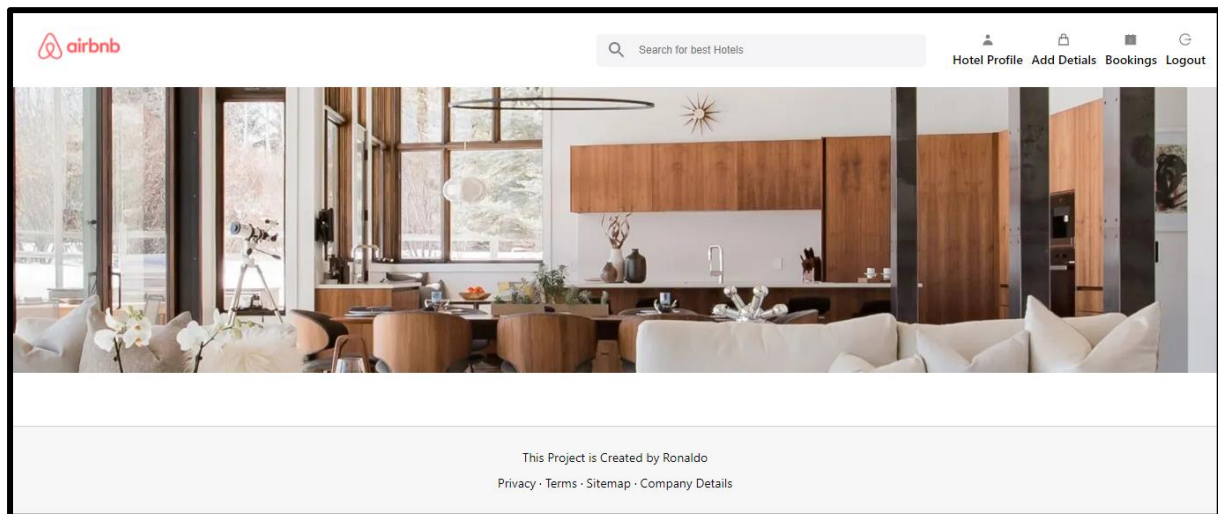
Phone Number  
4343

Password  
\*\*\*\*

SIGN UP

Already Member?





## Admin Main Home Screen:



## Add Hotels Screen:

A mockup of the Add Hotels Screen. The header is identical to the Admin Main Home Screen. The main content area is a form for adding hotel details, featuring three sections: "Hotel Details", "Room Facilities", and "Room Types".

**Hotel Details**

 Hotel Name
 Number
 EmailID
 Address

[✍ Edit Hotel](#)

**Room Facilities**

Facility Type	Facility Cost
WI-FI	250
Refrigarator	250
Breakfast	400
Television	300
Writting Table	100

**Room Types**

Room Type	Room Cost
AC	1500
NON AC	750

The footer of the screen is identical to the Admin Main Home Screen, displaying "This Project is Created by Ronaldo" and the link "Privacy · Terms · Sitemap · Company Details".



Edit Hotel Details Screen:

Hotel Name

Number

EmailID

Address

Save

Demo of Hotel Details:

airbnb

Search for best Hotels

Hotel Profile

Add Details

Bookings

Logout

Hotel Details

Hotel Name	Samar Gull
Number	03049297788
EmailID	Samar@gmail.com
Address	Swabi, KPK

Edit Hotel

Room Facilities

Facility Type	Facility Cost
WI-FI	250
Refrigarator	250
Breakfast	400
Television	300
Writting Table	100

Room Types

Room Type	Room Cost
AC	1500
NON AC	750

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- In Admin Section Also, For the front end development a popular library of JavaScript is used which is known as React JS.
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- CSS is used to make the pages look beautiful and responsive

### **Backend:**

- For the Back end node js Runtime Environment is used
- Data is parse and fetch in JSON format
- Express JS Framework is used for Server Creation
- For Storing Data MySql Relational Database is used
- Localhost Xampp server is used to create the database

**Package Manager:**

**NPM** Package manager is used to compile the code and run the servers to show the output of the project