

# CSE 311 PROJECT PROPOSAL GROUP - 06

## HOTEL MANAGEMENT SYSTEM

Project Title:- Project Proposal and Requirement Analysis

### GROUP MEMBERS –

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## **DESCRIPTION –**

There are several hotels in Dhaka, but there is a lack of a management system where almost all the hotels of Dhaka city are available in one place for everyone around the world to visit, book rooms and further plan their travel. Therefore, our proposal is to create a hotel management system so that people living in different areas can have similar access to the hotels around the city and will be able to search rooms availability with an online booking reservations system. Thus, we need an organized management system, which can easily manage all the operations and data of the hotel chains and hotels respectively.

## **FEATURES –**

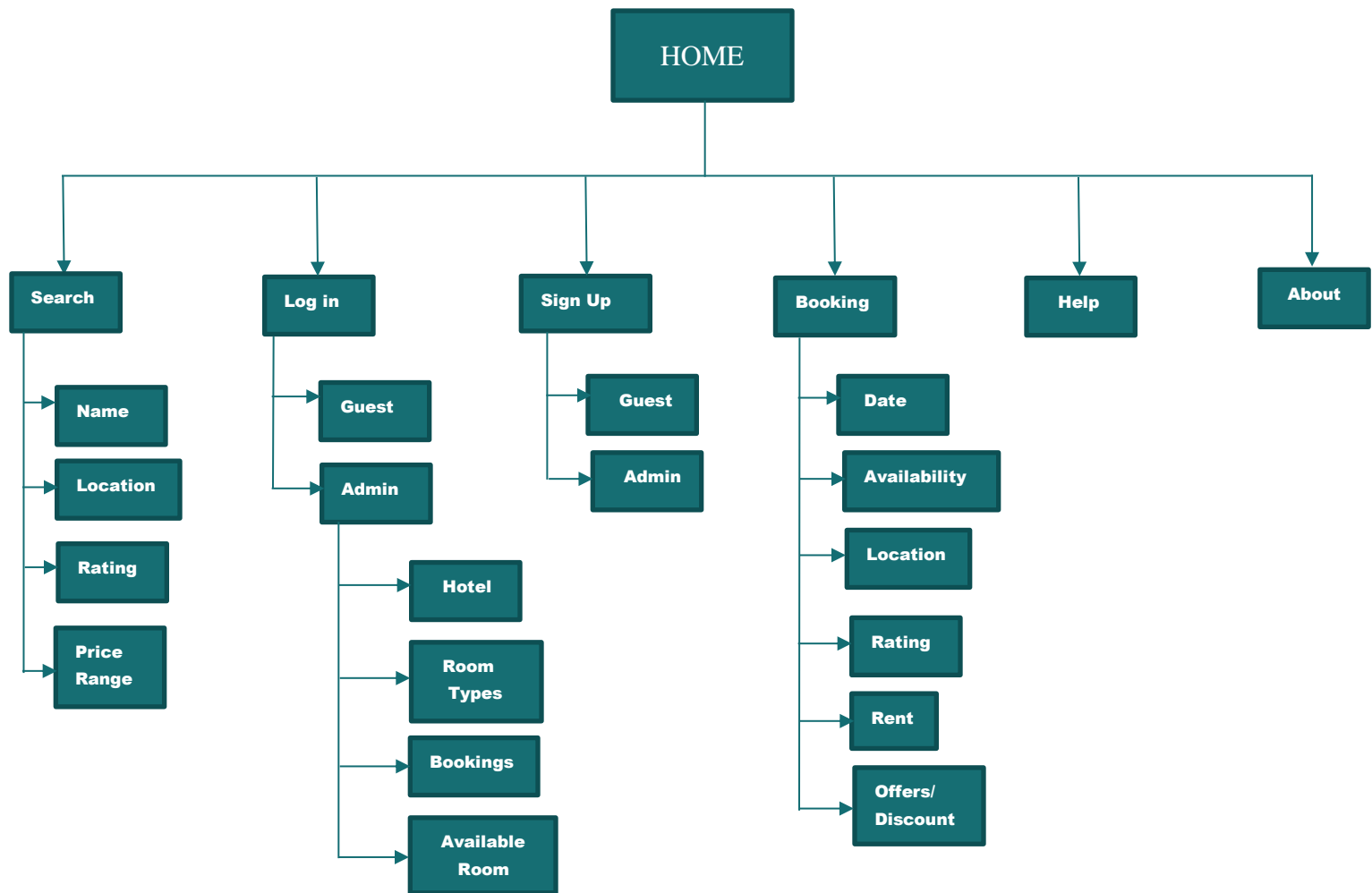
Everyone can visit the website and view available hotels by name, location, room availability, etc. in the extensive database. They will also be able to view general information about the interior, price and other complementary services of the hotel.

Next, if someone wants to book a room and further proceed with payment, they have to sign up with email and password and become a member of the site.

They can later login using that email and password to browse hotels, view room inventory, check availability, and book reservations in real-time. The website users can also enter check-in date and check-out date then search for desired room availability and respective prices. After choosing the right room in the wanted hotel, all booking and reservation process is done on the website and booking is confirmed with an online receipt shown.

There will be an admin panel where the admins, that is, hotel managers can login to the website to view their profile, check any errors for booking, and the list of people who booked their hotels and other features(e.g. cleaning, parking lot) usage of the hotel that they might have booked.

# SITEMAP –



## REQUIREMENT ANALYSIS —

HOME	
Search	<ul style="list-style-type: none"><li>• This is a search bar where users can search for their desired hotel, and look up the rooms and rates.</li><li>• Booking and other features accessibility will require you to sign up or log in.</li></ul>
Sign Up	<ol style="list-style-type: none"><li>1. Users</li><li>2. Admins</li></ol> <p>This is where new users or the admin can register for a new account using their email id/phone no. and a password.</p>
Log In	<ol style="list-style-type: none"><li>1. Users</li><li>2. Admins</li></ol> <p>This is where registered users or the admin can log-in to their respective accounts by entering their email id/phone no. and password.</p>
About	Gives a brief general description of our hotel.
Help	It will contain frequently asked questions like how to sign up/log in, check room availability, etc.

Main Page Options	<ol style="list-style-type: none"> <li>1. Sign Up/Log In Info</li> <li>2. View hotels based on destination, check-in check-out date or through search box.</li> <li>3. Contact Info of website</li> <li>4. Help/ FAQ</li> <li>5. News, discounts, etc.</li> </ol>
Hotel Panel Options	<ol style="list-style-type: none"> <li>1. After selecting desired hotel based on check-in check-out date, we will be redirected to that page of hotel.</li> <li>2. Checks room availability upon entering check-in check-out date.</li> <li>3. Gallery showing various rooms of each hotel.</li> <li>4. Information and prices of each room.</li> <li>5. Additional facilities like dining, swimming pool, food and drink, etc.</li> <li>6. Guest reviews</li> </ol>

ADMIN	
Admin	This panel acts as the dashboard for the administrator of the hotel. All kinds of options will be available for the admins.
My profile	This is where the admin can see their personal information, after log-in.
Inventory	<p>This will display the entire database of the hotel with every information about hotels at each destination.</p> <p>Admin will be able to add, delete and change records.</p>
Record Check	Check all rooms and facilities booked for what period of time, and whether booking is confirmed in the database and update records in site accordingly.
User List	Admin can see which users booked which hotel, room, facilities, etc.

## GANTT CHART –

### HOTEL MANAGEMENT SYSTEM

Task name	Assigned to	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
<b>Phase 1 (Preparation)</b>									
<b>Front End</b>	<b>Farasha</b>								
<b>Back End</b>	<b>Fahrin</b>								
<b>Database Design</b>	<b>Fahrin, Farasha, Taha</b>								
<b>Front End Implement</b>									
<b>Back End Implement</b>									
<b>Database</b>									
<b>Full Merge</b>									
<b>Testing and Finalizing</b>									

Github Reporsitory Link:  
**[https://github.com/Sunaira1101/CSE311\\_PROJECT](https://github.com/Sunaira1101/CSE311_PROJECT)**