A Synopsis on

ROYAL HOTEL

Submitted in partial fulfillment of the

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

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Under the Supervision of

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CERTIFICATE

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This is to certify that the Project entitled

ROYAL HOTEL has

been presented by

SAMEERUDDIN

In partial fulfillment of the degree of BCA -V Examination 2023, under my

Supervision and guidance.

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<u>Acknowledgement</u>

I would like to acknowledge the contributions and support received throughout the completion of this computer science project report.

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PROJECT PROPOSAL (SYNOPSIS)

Table of Contents:

Title of the Project: ROYAL HOTEL

1. Introduction -

At **Royal Hotel**, we understand that finding the perfect accommodation is a pivotal part of your travel experience. Whether you're planning a relaxing vacation, a business trip, or an adventurous getaway, we are here to make your hotel booking process effortless, enjoyable, and efficient.

These platforms have transformed the way people plan and book their trips, offering a seamless and user-friendly experience. Whether you're a budgetconscious traveler looking for affordable options or a luxury seeker in pursuit of topnotch accommodations, hotel booking websites provide a wide array of choices to meet your preferences and budget.

2. Aim and Objectives -

Aim - The aim of a hotel booking website is to provide a platform for users to search, compare, and book accommodations such as hotels, resorts, hostels, and other lodging options online. These websites serve as intermediaries between travelers and hotels, making it convenient for people to find suitable places to stay during their trips.

Objectives –

- ❖ **Accessibility -** These platforms are accessible 24/7, allowing users to make bookings at any time and from anywhere with an internet connection.

- ❖ **Convenience -** Hotel booking websites aim to provide users with a convenient way to browse through a wide range of hotels, view their facilities, check room availability, and make reservations without the need to visit the hotel in person or make phone calls.

- ❖ **Reviews and Ratings -** Customers can read reviews and ratings from previous guests, providing valuable insights into the quality of service, amenities, and overall experience offered by a particular hotel.

❖ **Secure Booking -** Hotel booking websites ensure secure payment gateways, protecting customers' financial information during the booking process. They also provide booking confirmations and receipts for reference

❖ **Cancellation and Modification -** These platforms often allow users to modify or cancel bookings within a specified timeframe, offering flexibility to travelers in case their plans change

❖ **Promotions and Discounts -** Hotel booking websites frequently offer exclusive promotions, discounts, and loyalty programs to attract customers and encourage repeat business

3. Hardware and Software Requirement specifications

Hardware Requirement -

1. Server Infrastructure -
- A dedicated web server or cloud hosting platform to host the web application.
- Adequate processing power and memory to handle user requests efficiently
- Sufficient storage capacity for user data and resources.

2. Network Infrastructure -
- High-speed internet connection to ensure fast data transfer and seamless access for users.
- Proper network security measures to protect user data and maintain   the integrity of the application.

3. Client Devices -
- Desktops, laptops, and mobile devices with modern web browsers (e.g., Google Chrome, Mozilla Firefox, Safari, or Microsoft Edge) that support web technologies like HTML5, CSS3, and JavaScript.

4. Display and Input Devices -
- Monitors or screens with various resolutions and sizes to accommodate different user devices.
- Standard input devices like keyboards, mice, touchscreens, and styluses for user interactions.

<u>**Software Requirement –**</u>

1. <u>Operating System</u> -

- A Operating System (e.g., Windows, Ubuntu, CentOS) for hosting the application.

2. <u>Web Server</u> -

- A web server software (e.g., Apache, Nginx, or Microsoft Internet Information Services) to handle HTTP requests and serve web Pages.

3. <u>Database Management System</u> -

- A database management system (e.g., MySQL, or Microsoft SQL Server) for storing and managing user data, notes, and resources.

4. <u>Programming Languages and Framework</u> -

- Frontend development using HTML, CSS, JavaScript, and framework like bootstraps is used.
- Backend development using languages like Python, PHP, Java.

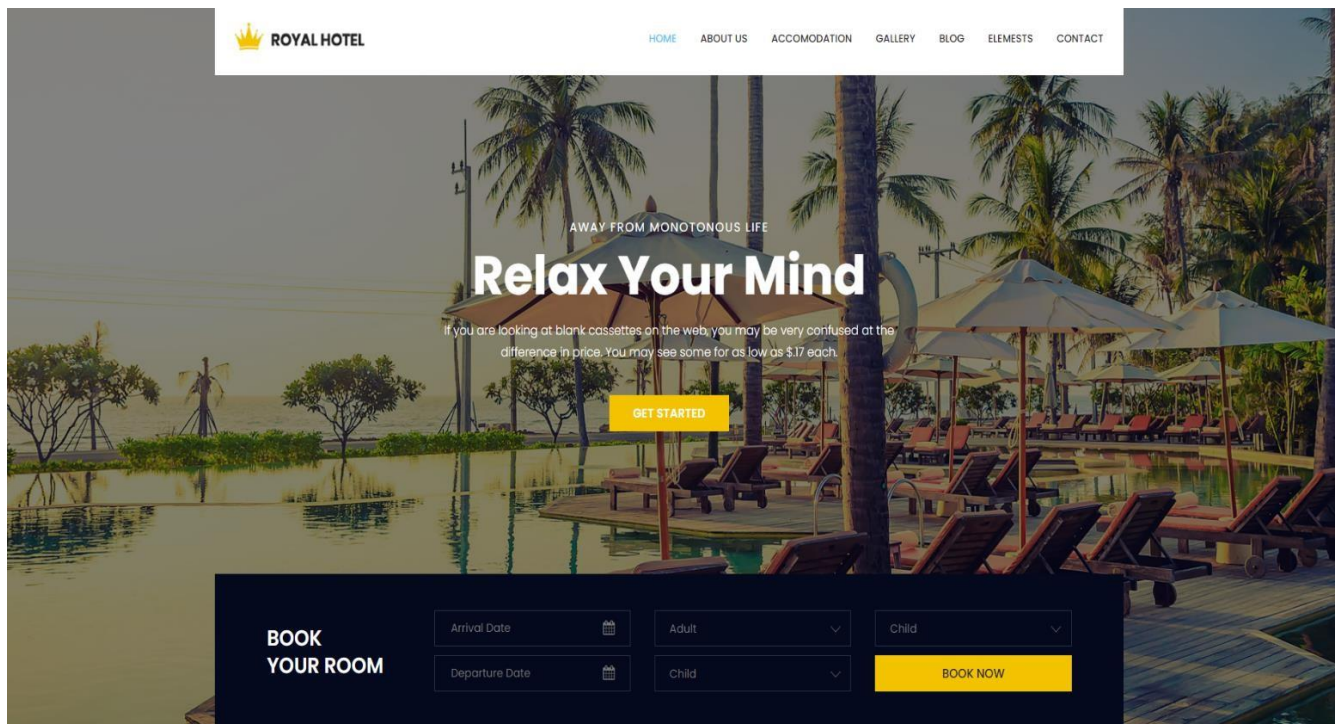**4. <u>Welcome to Royal Hotel Booking Page</u> -**

At Royal Hotel we're dedicated to providing you with a seamless and enjoyable experience. Whether you're planning a special event, a weekend getaway, or simply looking for a delightful meal, our booking system is here to make your reservation process effortless.

❖ **<u>Easy Booking Process</u> -**

Our user-friendly booking system ensures a hassle-free reservation process. Simply select your desired date, time, and number of guests, and let us take care of the rest. You can also specify any special requests or preferences to tailor your experience.
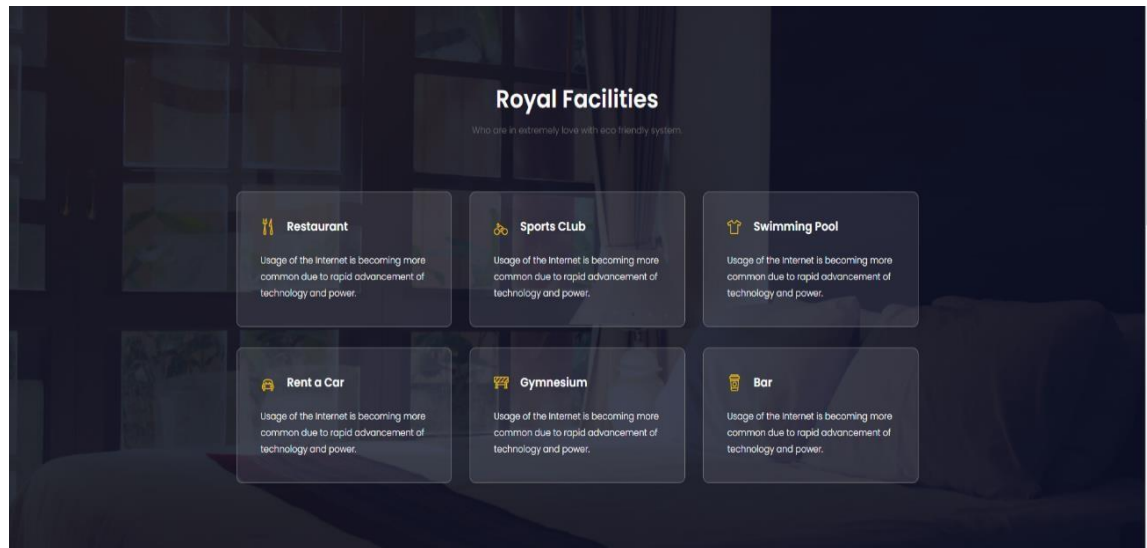
❖ **<u>Confirmation</u> -**

Once your reservation is confirmed, you'll receive a detailed confirmation email with all the necessary information. Additionally, we'll send you timely reminders leading up to your reservation date, so you can focus on enjoying your experience.

❖ **Facilities Of Royal Hotel**

➢ **Restaurant -** The restaurant features versatile dining areas tailored to different preferences. Whether patrons seek an intimate setting for a romantic dinner, a lively atmosphere for group celebrations, or a casual space for a business lunch, Royal Restaurant provides tailored environments to suit diverse occasions.

➢ **Sports Club -** Premier Sports Club & Hotel is a state-of-the-art destination designed to cater to the needs of sports enthusiasts, travelers, and event organizers alike. Our facilities seamlessly blend luxury accommodation with top-notch sports amenities, creating a unique and vibrant experience for guests.

➢ **Swimming Pool -** Welcome to Royal Hotel Swimming Pool, where relaxation meets luxury at our exquisite swimming pool facilities. Dive into a world of serenity and refreshment as you indulge in the ultimate aquatic experience. Our state-of-the-art swimming pool facilities are designed to provide a haven of tranquility for our guests, offering a perfect blend of recreation and relaxation.

➢ **Gymnesium -** Embark on a journey to fitness in our cutting-edge gymnasium. Equipped with the latest exercise machines and guided by experienced trainers, our gym provides the perfect environment for your wellness goals. Whether you're a fitness enthusiast or a beginner, our facilities cater to all levels of fitness

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➢ **Bar -** A well-stocked bar and chic lounge area add an extra layer of sophistication to the dining experience. Our skilled mixologists craft signature cocktails and offer an extensive selection of wines and spirits, providing a perfect complement to the culinary delights**.**

❖ **Latest Posts From Blog -** In our latest blog post, we dive into the art of crafting unforgettable getaways through seamless hotel bookings. Discover the insider tips and tricks that transform your travel experience from ordinary to extraordinary.

5. **Future scope** -

The future scope of **Hotel Booking** web application, regardless of its specific purpose, is dynamic and can be influenced by various factors, including technological advancements, travelers needs, trends, and emerging opportunities.

The future scope of hotel booking person he/she book hotel for online from anywhere in the world wide. And they decided everything their hotels like – food, room, washroom, etc…