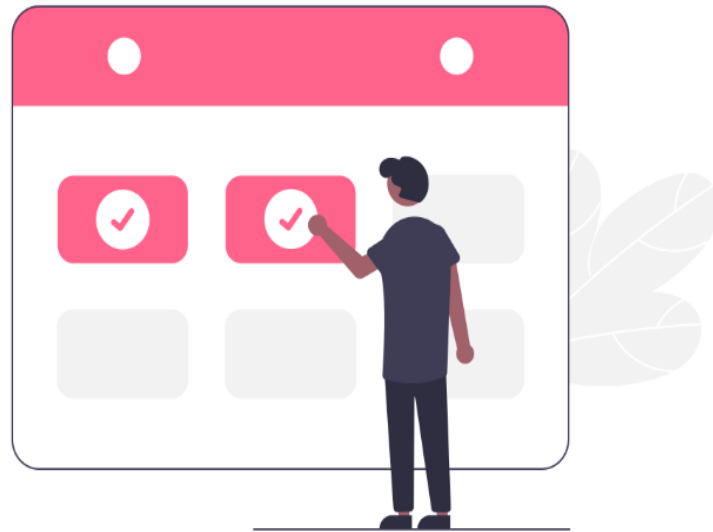


Luxurious Resort Site



Team Members:

- Nandinee Gupta (181500414)
- Saumya Gupta (181500632)
- Unnati Goyal (181500768)
- Roshni Rawat (181500594)

1.Introduction

Luxurious resort is the application where you can simply book a room according to your choice and your need on the shore of beaches at very affordable price. The aim of our website is to give our travelers thousands of beautiful memories. The rooms that referenced on our website have comfortable spaces with crisp sheets and sanitized bathrooms. For your ease you can apply filter like on price range, number of guests, room size and check if breakfast facility is available or not or will you keep your pets with you or not. You can check the description of any room you liked and then proceed for further booking requirements.

Application: -

Using this system, tourist can easily book the room through the internet and discovers more information about a resort which is situated in a particular area. This will save their time and energy as well as they can do booking from the airport or railways stations directly.

2.Objective

Luxurious resort is a web-based system or application. Its goal is to book a room online according to the user needs.

3.Methodology

In this web application system, we'll be building a resort booking site and for this we will use both frontend and backend technologies. In frontend we use HTML, CSS3, JavaScript, Bootstrap and React and in backend we use Node.js. We will also make use of react components, react Hooks to develop the frontend. By the use of react props we will make our code easier and customizable

4.Hardware, Software and Technology:

Hardware:

- RAM: 8GB
- Processor: Intel®CPU N3050@1.60Ghz
- Processor speed: 1.60Ghz

Software:

- Operating System: Window XP and higher
- Window 10
- Visual Studio Code For coding

Technology Tools:

- **HTML:** Hypertext Markup Language is the standard markup language for creating web pages and web application. HTML elements are the building blocks of HTML pages. With HTML constructs, image and other objects, such as interactive form.
- **CSS:** CSS is cascading style sheet which is used to give designer look to HTML using the external file.
- **Bootstrap:** Bootstrap is a free and open-source CSS framework directed at responsive, mobile-first front-end web development. It contains CSS- and JavaScript-based design templates for typography, forms, buttons, navigation, and

other interface components.

- **JavaScript:** JavaScript is a dynamic computer programming language. It is lightweight and most commonly used as a part of web pages, whose implementations allow to make dynamic pages.
- **React:** React is a JavaScript library for building user interfaces. React is used to build single page applications. React allows us to create reusable UI components.
- **NodeJS:** Node.js is an open-source server environment. Node.js runs on various platforms (Windows, Linux, Unix, Mac OS X, etc.) Node.js uses JavaScript on the server.

5.Team Contribution:

- Nandinee Gupta: HTML, CSS, JavaScript, Bootstrap, React, Node.js
- Saumya Gupta: HTML, CSS, JavaScript, Bootstrap, React, Node.js
- Unnati Goyal: HTML, CSS, JavaScript, Bootstrap, React, Node.js
- Roshni Rawat: HTML, CSS, JavaScript, Bootstrap, React, Node.js

6.Limitation:

Luxurious resort still has some limitations despite the use of modern technology, it is mandatory to have a reliable internet connection to check the bookings and update the site as per availability.

Though it is an online business still you need to hire more staff members to handle an influx of new customers.

7.Conclusion:

Websites like luxurious resort can promote your business through the internet, they can release your workload, you can show the offer and combo pack of your resort room with foods through advertisement very easily, payments are easier and faster. Today the world is online and if your business does not have its presence online so maybe you are losing so many opportunities.

8.Reference:

- Google

