Muhammad Mubashir Nadeem

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Frequently Asked Questions

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The AI writing percentage should not be the sole basis to determine whether misconduct has occurred. The reviewer/instructor should use the percentage as a means to start a formative conversation with their student and/or use it to examine the submitted assignment in accordance with their school's policies.

What does 'qualifying text' mean?
Our model only processes qualifying text in the form of long-form writing. Long-form writing means individual sentences contained in paragraphs that make up a longer piece of written work, such as an essay, a dissertation, or an article, etc. Qualifying text that has been determined to be likely AI-generated will be highlighted in cyan in the submission, and likely AI-generated and then likely AI-paraphrased will be highlighted purple.

Non-qualifying text, such as bullet points, annotated bibliographies, etc., will not be processed and can create disparity between the submission highlights and the percentage shown.

Project Title: Hotel Booking Website (Sunshine Hotel)

Course: ICT

Group Members:

1. **Name:** Yash Raj **Roll Number:** [25k-0878]
2. **Name:** Muhammad Mubashir Nadeem **Roll Number:** 25k-0649
3. **Name:** Muhammad Taha Ahmed **Roll Number:** 25k-0650

Instructor Name: Miss Saira Ayoub

Department / Institute: BS(CS) – 1C

Submission Date: 26 November, 2025

Introduction

"Sunshine Hotel" is a simple website designed to help users book hotel rooms online. It shows three different types of rooms (Standard, Deluxe, and Royal Suite) with pictures of the rooms and their respective prices. The main feature is the booking form that automatically calculates the total nights spent and the total bill based on the dates the user selects.

Why you chose this project:

We chose this project because hotel websites are very common in the real world. We wanted to build something practical that uses all three languages we learned in class (HTML, CSS, and JavaScript).

What problem it solves:

It solves the problem of manual calculations. Usually, a customer has to ask the hotel how much a 3-night stay would cost. Our project solves this issue by using JavaScript to instantly show the total price as soon as the dates are selected, without needing to wait for a person to manually calculate it.

Objectives

The main goals of our group project are:

1. **To build a complete website:** To create a page that has a header, image section, and a working form.
2. **To learn JavaScript Logic:** To understand how to take inputs (like dates) and do math with them in the code.
3. **To improve styling skills:** To use CSS to make the website look professional and responsive (working on mobile phones).
4. **To practice error handling:** Ensuring the user cannot select a Check-Out date that is before the Check-In date.

Scope of the Project

What is included in the project:

- **Front-end Design:** The layout of the hotel page using HTML and CSS.
- **Bill Calculator:** A feature that counts the number of nights and multiplies it by the room price.
- **Validation:** A check to make sure the user fills in all fields before clicking "Book."
- **Responsive Layout:** The room cards stack on top of each other if opened on a phone.

What is not included:

- **Database:** We are not saving the booking data permanently on a server yet.
- **Online Payment:** The user cannot actually pay with a credit card; it just shows the bill amount.
- **Login System:** There is no separate login page for admins or users.

Tools and Technologies Used

Languages:

- **HTML:** Used to structure the page (Headings, Inputs, Buttons).
- **CSS:** Used to make the site look good (Colors, Fonts, Layouts).
- **JavaScript:** Used for the logic (Calculating the bill and showing alerts).

Software:

- **VS Code:** The editor used to write the code.
- **Live Server :** A extension in VS Code

Implementation

Explanation of Main Features

1. **Automatic Cost Calculation:** The most important feature is the calculator. When a user picks a "Check-In" and "Check-Out" date, the website calculates the days in between and updates the "Total Estimated Cost" immediately.
2. **Room Cards:** We created cards for each room type. Using CSS hover effects, the cards lift up slightly when the mouse moves over them, which makes the site feel more interactive.
3. **Booking Confirmation:** When the user clicks "Confirm Booking," the code checks if the total is valid. If it is, it shows a popup message (Alert) confirming the booking.

Short Explanation of Code/Modules

- CSS Variables:

We used variables in CSS (like --primary-color) so we could manage the color theme easily. If we want to change the blue color to red, we only have to change it in one place.

- The calculateTotal() Function:

This is the main JavaScript function. It gets the values from the date inputs. It subtracts the Start Date from the End Date to get the time difference in milliseconds, then converts that into days. Finally, it multiplies the Days by the Room Price.

- The confirmBooking Event:

This function stops the form from refreshing the page immediately (event.preventDefault()). It allows the website to show the "Success" message to the user first.

Screenshots of the Working Website:

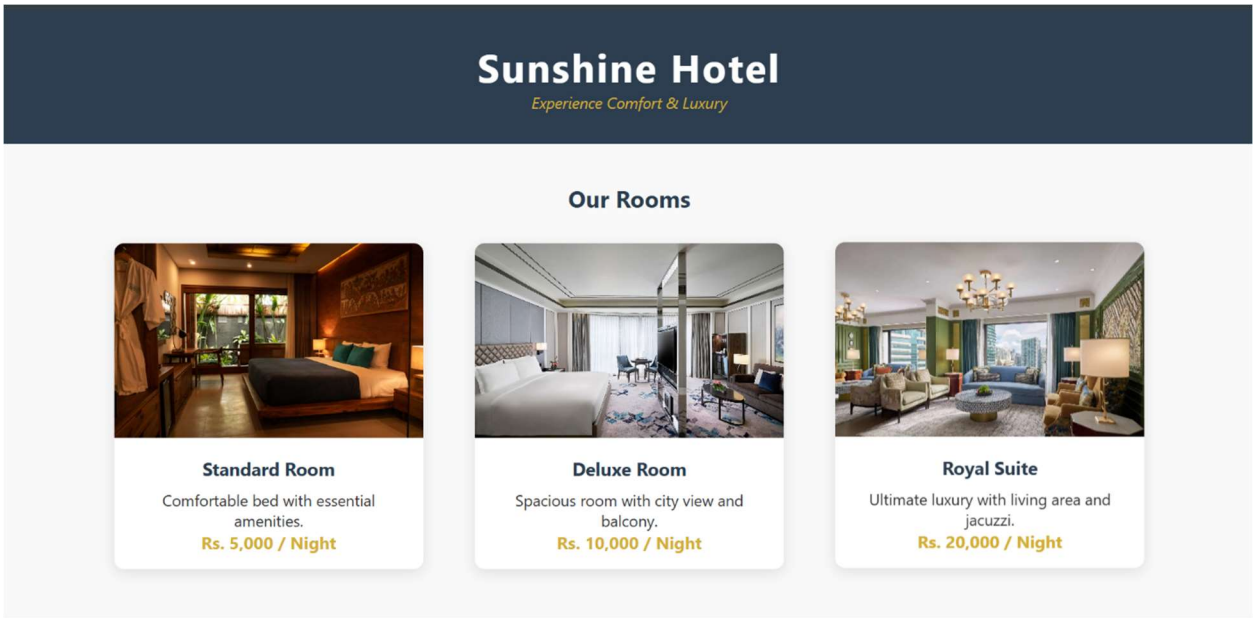

Figure 1: The Main Page showing Room Options

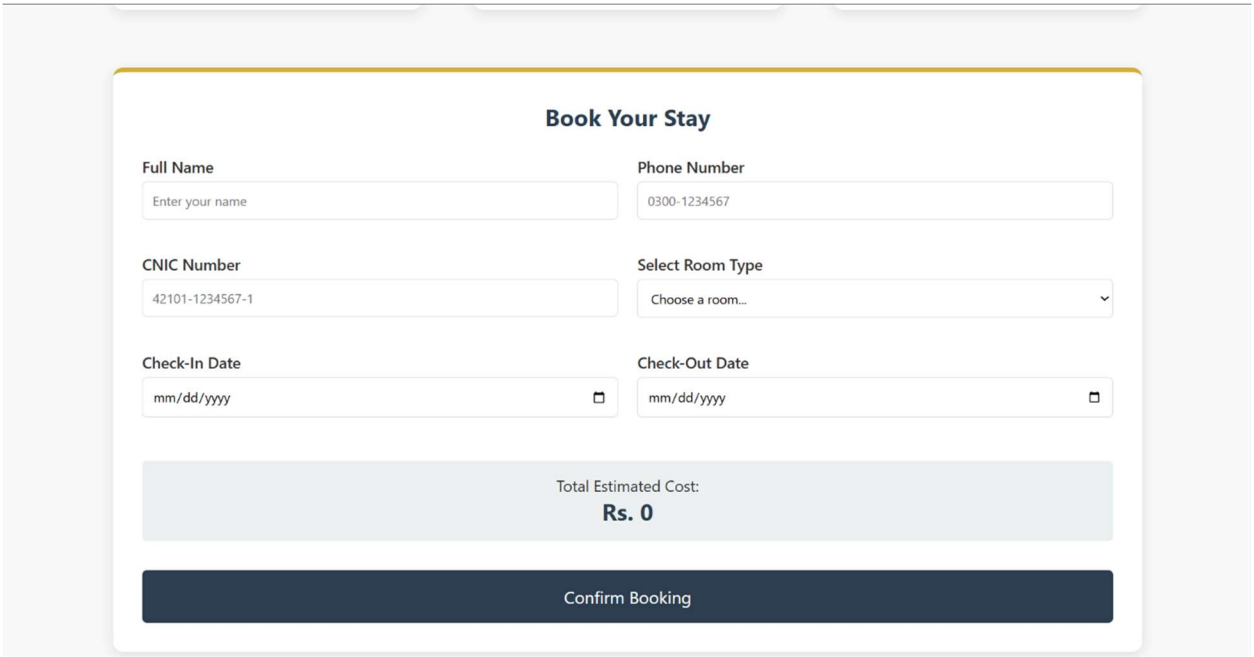

Figure 2: The Booking Form which will be showing the Calculated Bill once details are entered