

# **PROJECT DOCUMENTATION**

## **Project Title**

Redesign of King Sukh Guest House Website

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## **Project ID**

78GRB6TY2D

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## **Project Github Repository**

<https://github.com/Laique28/InternProject>

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## **Project Overview**

This project involves redesigning the existing website of **King Sukh Guest House** (<https://www.kingsukhguesthouse.com/>) to enhance its design, improve responsiveness, and provide a more user-friendly experience. The goal is to create a visually appealing, modern website that effectively promotes the guest house's services and attracts potential customers.

The redesign focuses on improving the overall aesthetics, navigation, and responsiveness while maintaining the branding and theme of the guest house. It also aims to address the shortcomings of the current website and optimize performance for a seamless user experience.

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## **Project Live Working Link**

<https://laique28.github.io/projectlive/>

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## **Tech Stack**

The project is developed using the following technologies:

### **1. HTML:**

- Structures the content and layout of the web pages.
- Ensures semantic and accessible markup for better SEO.

### **2. CSS (with Bootstrap or Tailwind CSS):**

- Styles the website to enhance its visual appeal.
- Implements a responsive design for compatibility across devices.

### **3. JavaScript:**

- Adds interactivity and dynamic functionality to the website.
  - Smooth animations and transitions for an engaging user experience.
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## **Changes from Existing Website**

### **1. DESIGN IMPROVEMENTS**

- **Current Website:** The existing design is outdated and lacks a modern aesthetic.
- **Redesigned Website:**
  - Incorporates a clean, modern layout with consistent typography and colors.
  - Enhances visual hierarchy to direct users' attention to key sections like services, contact, and bookings.

### **2. NAVIGATION ENHANCEMENTS**

- **Current Website:** Navigation is cluttered and lacks intuitive placement of menus.
- **Redesigned Website:**
  - Implements a streamlined navigation bar with dropdowns for better organization.
  - Adds a sticky header for easy access to menus as users scroll.

### 3. RESPONSIVENESS

- **Current Website:** Lacks proper responsiveness; elements overlap or misalign on smaller screens.
- **Redesigned Website:**
  - Fully responsive design ensures compatibility across desktops, tablets, and smartphones.
  - Uses a mobile-first approach with fluid grids and media queries.

### 4. VISUAL CONTENT UPDATES

- **Current Website:** Limited use of high-quality images and visuals.
- **Redesigned Website:**
  - Integrates high-resolution images, logos, and graphics from the provided assets (<https://drive.google.com/drive/folders/1kj5A0lmNiatECO1G3awQGr6t28PD-yMF?usp=sharing>).
  - Adds image sliders and galleries to showcase guest house amenities.

### 5. PERFORMANCE OPTIMIZATION

- **Current Website:** Slow loading times due to unoptimized assets.
- **Redesigned Website:**
  - Optimizes images, CSS, and JavaScript files for faster load times.
  - Implements lazy loading for images to improve performance.

### 6. USER ENGAGEMENT

- **Current Website:** Minimal use of interactive elements.
- **Redesigned Website:**
  - Includes interactive features like hover effects, animations, and call-to-action buttons.
  - Adds a booking form for quick reservations and inquiries.

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## **Features**

#### 1. User-Friendly Interface

- Intuitive navigation and clean layout.
- Accessible design for all users.

#### 2. Interactive Components

- Smooth animations for transitions and hover effects.

- Image sliders and lightbox galleries.

### **3. Responsive Design**

- Adapts seamlessly across various devices and screen sizes.

### **4. Performance Optimization**

- Fast loading times with optimized assets.
- Efficient resource utilization for a smooth experience.

### **5. Booking System**

- Easy-to-use booking form integrated with email notifications.

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## **Implementation Approach**

### **1. Analysis of Existing Website**

- Reviewed the current layout and identified weaknesses like outdated design and lack of responsiveness.
- Documented opportunities for improvement to guide the redesign process.

### **2. Design Concept Development**

- Created wireframes and mockups for the new design.
- Focused on improving aesthetics, navigation, and branding consistency.

### **3. Development**

- Used HTML, CSS (with Bootstrap/Tailwind CSS), and JavaScript for implementation.
- Incorporated responsive design principles to ensure cross-device compatibility.
- Added interactive elements for improved user engagement.

### **4. Testing and Optimization**

- Conducted testing on multiple devices and browsers to ensure functionality and consistency.
- Resolved bugs and optimized code for better performance.

### **5. Documentation**

- Prepared a detailed document outlining design decisions and technical details.
  - Included future maintenance guidelines.
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## **Deliverables**

### **1. Redesigned Website:**

- Fully functional and responsive website for King Sukh Guest House.
- Incorporates all requested enhancements and features.

### **2. Optional Documentation:**

- Detailed explanation of the redesign process.
  - Instructions for maintaining and updating the website.
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## **Timeline**

- **Planning and Analysis:** 2 days
  - **Design and Concept Development:** 2 days
  - **Implementation:** 2 days
  - **Testing and Optimization:** 2 days
  - **Documentation (Optional):** 1 days
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## **Developer Information**

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