



King Sukh Guest House

Project ID: 78GRB6TY2D

Developer: Yash Borkar

1. Project Scope

The goal of this project was to redesign the existing King Sukh Guest House website ([Original Site](#)) to improve its visual appeal, responsiveness, and user experience. The project aimed to modernize the layout, enhance accessibility, and ensure optimal viewing across devices.

2. Design Decisions

- **Modern UI:** Redesigned the layout to provide a clean, modern, and consistent visual experience.
- **Responsive Design:** Implemented fully responsive layouts for mobile, tablet, and desktop.
- **Improved Navigation:** Simplified and reorganized the menu and content structure for intuitive access.
- **Visual Hierarchy:** Used typography, spacing, and visuals to create better content flow.
- **Brand Alignment:** Maintained the theme, logo, and brand colors aligned with the guest house's identity.
- **Hero Section:** Featured prominent call-to-actions and local attractions to drive bookings.
- **Image Optimization:** Compressed and displayed high-quality images from the provided asset folder.

3. Tools & Frameworks:

- **HTML5** – Structure
 - **CSS3 with Tailwind CSS** – Styling and responsive layout
 - **Vanilla JavaScript** – Interactive components (e.g., navigation menu, image sliders, form validation)
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4. Technical Details

- Responsive grid and flex layouts
 - Image carousel in gallery
 - Contact form with validation
 - Google Map embedding
 - Sticky header with smooth scroll
 - Testimonials section (optional enhancement)
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5. Maintenance & Updating Instructions

1. Adding New Images:

- Place new images inside the assets/images/ folder.
- Update the HTML accordingly.

2. Content Updates:

- Edit text directly within respective HTML files.
- Use consistent class names if using Tailwind CSS for design consistency.

3. New Page Creation:

- Duplicate a base HTML page and update content.
- Update navigation links across all pages.

4. Tailwind Build (if used via CLI):

- Run `npx tailwindcss -i ./input.css -o ./output.css --watch` to compile styles.

5. Performance Tips:

- Regularly optimize images.
 - Minify CSS/JS for production.
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6. Challenges & Resolutions

Challenge	Solution
Lack of responsiveness in original site	Implemented mobile-first design with Tailwind CSS
Heavy image files caused slow load times	Compressed images using online tools like TinyPNG
Embedding interactive Google Maps	Used <code><iframe></code> with location coordinates
Navigation UX issues	Rebuilt navigation with sticky behavior and mobile toggler
Maintaining brand consistency	Extracted fonts/colors from original and reused accordingly

7. Deliverables

- Fully responsive website (HTML/CSS/JS)
 - Updated design with improved visuals and UX
 - Organized assets and codebase
 - Optional: Hosting-ready files
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8. Future Suggestions

- Convert to **React or Next.js** for component-based structure and better scalability.
- Integrate **Booking Form with Backend Support** (Node.js or PHP).
- Add **SEO Optimization** using meta tags and performance enhancements.
- Include **CMS** like Sanity or Contentful for easy non-technical updates.