

## Front-End UI/UX Mini Project

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- Course: *UI/UX Design Fundamentals*
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- Date of Submission: *13/08/2025*

### **2. Abstract**

The Music Band Website is an engaging and visually appealing platform designed to showcase a band's identity, music, events, and updates in a user-friendly manner. It serves as a digital hub for fans to explore the band's biography, listen to tracks, view image galleries, check event schedules, and connect via social media links. Built using HTML for structure, CSS for styling, and integrated multimedia elements, the website focuses on delivering a modern, responsive design that works seamlessly across devices. Its goal is to strengthen the band's online presence, foster fan engagement, and provide easy access to information, ensuring a professional yet creative representation of the band's brand.

### **3. Objectives**

1. **Showcase the Band's Identity:** Present the band's profile, members, and story in an attractive and engaging way.
2. **Promote Music and Events:** Provide easy access to songs, albums, and upcoming event details.

3. **Enhance Fan Engagement:** Enable visitors to interact through galleries, updates, and social media links.
4. **Create a Professional Online Presence:** Build a visually appealing, responsive, and user-friendly website.
5. **Provide Centralized Information:** Act as a single platform for all band-related news, media, and contact details.
6. **Boost Accessibility:** Ensure the website works smoothly across different devices and browsers.

## 5. Tools & Technologies Used

Tool/Technology	Purpose
<b>HTML5</b>	Structure and layout of the website
<b>CSS3</b>	Design, styling, and responsiveness
<b>VS Code</b>	Writing and editing HTML/CSS code
<b>Chrome DevTools</b>	Testing and viewing the website

## 6. HTML Structure Overview

- **Header:** Contains the band's logo and a navigation menu for quick access to various sections.
- **Hero Section:** Highlights the band's name, tagline, and an eye-catching image/banner.
- **About Section:** Provides information about the band's history, members, and achievements with text and images.
- **Events/Tour Dates Section:** Displays upcoming shows in a structured table format.
- **Gallery:** Showcases concert and behind-the-scenes images.
- **Music Section:** Integrates audio players to listen to the band's songs.
- **Contact Form:** Allows users to send inquiries, feedback, or booking requests.
- **Footer:** Contains copyright details and social media links.

## 7. CSS Styling Strategy

- **External CSS:** Used for consistent styling across all pages.
- **Dark-Themed Palette:** Reflects the band's energetic and bold identity.
- **Accent Colors:** Highlights navigation menus, buttons, and important sections.
- **Responsive Layouts:** Designed using Flexbox and CSS Grid for desktop, tablet, and mobile.

- **Typography:** Bold modern fonts for headings, clean readable fonts for body text.
- **Interactive Elements:** Hover effects, animations, and smooth transitions for links, images, and buttons.
- **Clean Layout:** Adequate spacing, padding, and margins for neat organization.
- **Media Queries:** Adjust font sizes, layouts, and image scaling for different screen sizes.
- **Visual Engagement:** Ensures the website is attractive, user-friendly, and aligned with the band's theme.

## 8. Key Features

Feature	Description
<b>Responsive Design</b>	Adapts seamlessly to all screen sizes, from mobile to desktop.
<b>Smooth Navigation</b>	Fixed top navigation bar with anchor links for quick section access.
<b>Band Member Profiles</b>	Stylish layout with hover effects for each member's profile.
<b>Contact Form (non-functional)</b>	Placeholder layout for inputs and button
<b>Accessible Fonts &amp; Colors</b>	High contrast and readable typography

## 9. Challenges Faced & Solutions

Challenge	Solution
<b>Overlapping elements on small screens</b>	Used media queries to stack and resize elements for mobile.
<b>Difficulty aligning items using float</b>	Shifted to Flexbox and Grid
<b>Maintaining aesthetic balance in dark theme</b>	Tested multiple color palettes for readability and style.

## 10. Outcome

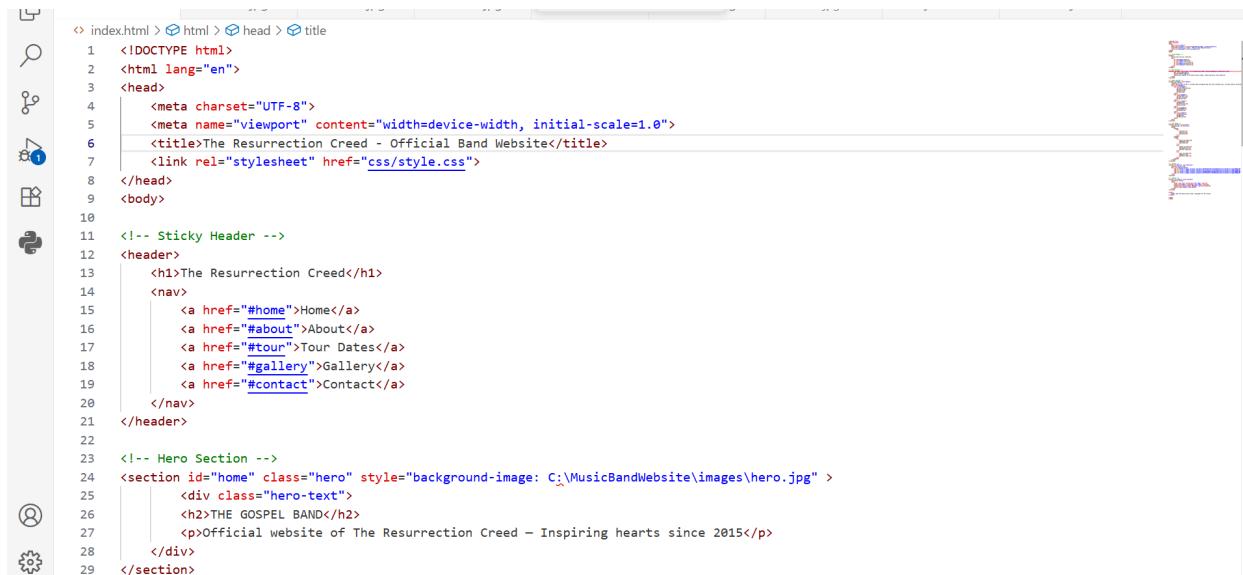
The project successfully delivers a responsive and visually appealing web application with an intuitive user interface, improved accessibility, and consistent design across devices. It ensures faster loading times, easy maintainability, and enhanced user engagement through optimized CSS styling and structured code practices.

## 11. Future Enhancements

### Future Enhancements:

- **Dark Mode & Theme Switching:** Allow users to switch between light and dark themes for better accessibility and personalization.
- **Animation & Transitions:** Add smooth CSS animations and transitions for interactive elements to improve user experience.
- **CSS Preprocessor Integration:** Use tools like SASS or LESS for easier styling management and scalability.
- **Responsive Typography:** Implement fluid font sizing for better readability on all screen sizes.
- **Accessibility Improvements:** Follow WCAG guidelines for better support to differently-abled users.
- **Customizable Layouts:** Allow users to choose and save their preferred layout settings.
- **Performance Optimization:** Use CSS minification and lazy loading to enhance page speed further.

## 12. Sample Code



```

index.html > html > head > title
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>The Resurrection Creed - Official Band Website</title>
7      <link rel="stylesheet" href="css/style.css">
8  </head>
9  <body>
10
11  <!-- Sticky Header -->
12  <header>
13      <h1>The Resurrection Creed</h1>
14      <nav>
15          <a href="#">Home</a>
16          <a href="#">About</a>
17          <a href="#">Tour Dates</a>
18          <a href="#">Gallery</a>
19          <a href="#">Contact</a>
20      </nav>
21  </header>
22
23  <!-- Hero Section -->
24  <section id="home" class="hero" style="background-image: C:\MusicBandWebsite\images\hero.jpg" >
25      <div class="hero-text">
26          <h2>THE GOSPEL BAND</h2>
27          <p>Official website of The Resurrection Creed - Inspiring hearts since 2015</p>
28      </div>
29  </section>

```



The screenshot shows a code editor with the following details:

- Title Bar:** MusicBandWebsite
- File Explorer:** Shows files like index.html, band7.jpg, band8.jpg, band6.jpg, hero.jpg, style.css, launch.json, and README.
- Search Bar:** A search bar at the top right.
- Code Area:** The main area displays the HTML code for index.html. The code is organized into sections for the About Us page, each containing a list of band members with their respective roles and names.

```
<html lang="en">
<body>
  <!-- About Section -->
  <section id="about" class="about">
    <h2>About Us</h2>
    <p>The Resurrection Creed is a Gospel Band spreading hope and faith through music, working towards spiritual growth and unity.</p>
    <div class="members">
      <div class="member">
        <h1>LEAD VOCALIST</h1>
        <h3>Axilia</h3>
        <h3>Nimcy</h3>
        <h3>Jess</h3>
      </div>
      <div class="member">
        <h1>GUITARIST</h1>
        <h3>Jeff Ronc</h3>
        <h3>Daniel</h3>
      </div>
      <div class="member">
        <h1>KEYS</h1>
        <h3>Jefferson</h3>
        <h3>Tarun</h3>
      </div>
      <div class="member">
        <h1>DRUMMER</h1>
        <h3>Johny</h3>
      </div>
      <div class="member">
        <h1>BASSIST</h1>
      </div>
    </div>
  </section>
</body>
</html>
```

- Right Panel:** A vertical panel on the right side displays a detailed tree view of the project structure, showing the file hierarchy and various assets.

Screenshot of a code editor showing the HTML code for the tour section of the website. The code includes a table for tour dates and locations, and a gallery section with four images from Unsplash.

```

<html lang="en">
  <body>
    <section id="tour" class="tour">
      <table>
        <tbody>
          <tr>
            <td>30 Aug 2025</td>
            <td>Bangalore</td>
            <td>Echo Stage</td>
          </tr>
          <tr>
            <td>5 Sep 2025</td>
            <td>Delhi</td>
            <td>Music Dome</td>
          </tr>
        </tbody>
      </table>
    </section>

    <!-- Gallery -->
    <section id="gallery" class="gallery">
      <h2>Photo Gallery</h2>
      <div class="gallery-grid">
        
        
        
        
      </div>
    </section>
  </body>

```

Screenshot of a code editor showing the HTML code for the contact section of the website. It includes a contact form with fields for name, email, and message, along with a submit button. The footer contains a copyright notice.

```

<html lang="en">
  <body>
    <section id="gallery" class="gallery">
      <h2>Photo Gallery</h2>
      <div class="gallery-grid">
        
        
        
        
      </div>
    </section>

    <!-- Contact -->
    <section id="contact" class="contact">
      <h2>Contact Us</h2>
      <form>
        <input type="text" placeholder="Your Name" required>
        <input type="email" placeholder="Your Email" required>
        <textarea placeholder="Your Message" required></textarea>
        <button type="submit">Send</button>
      </form>
    </section>

    <footer>
      &copy; 2025 The Resurrection Creed | Designed for L&T Project
    </footer>
  </body>
</html>

```

### 13. Screenshots of Final Output

## The Resurrection Creed

[Home](#) [About](#) [Tour Dates](#) [Gallery](#) [Contact](#)

# THE GOSPEL BAND

Official website of The Resurrection Creed — Inspiring hearts since 2015



## The Resurrection Creed

[Home](#) [About](#) [Tour Dates](#) [Gallery](#) [Contact](#)

### About Us

The Resurrection Creed is a Gospel Band spreading hope and faith through music, working towards spiritual growth and unity.

#### LEAD VOCALIST   GUITARIST   KEYS   DRUMMER   BASSIST

Axilia

Jeff Ron

Jefferson

Johny

Ben

Nimcy

Daniel

Tarun

Nithin

Jess

The Resurrection Creed - Official Website

C:/MusicBandWebsite/index.html

## The Resurrection Creed

Home About Tour Dates Gallery Contact

### Upcoming Tour Dates

Date	City	Venue
25 Aug 2025	Mumbai	Arena
30 Aug 2025	Bangalore	Echo Stage
5 Sep 2025	Delhi	Music Dome

The Resurrection Creed - Official Website

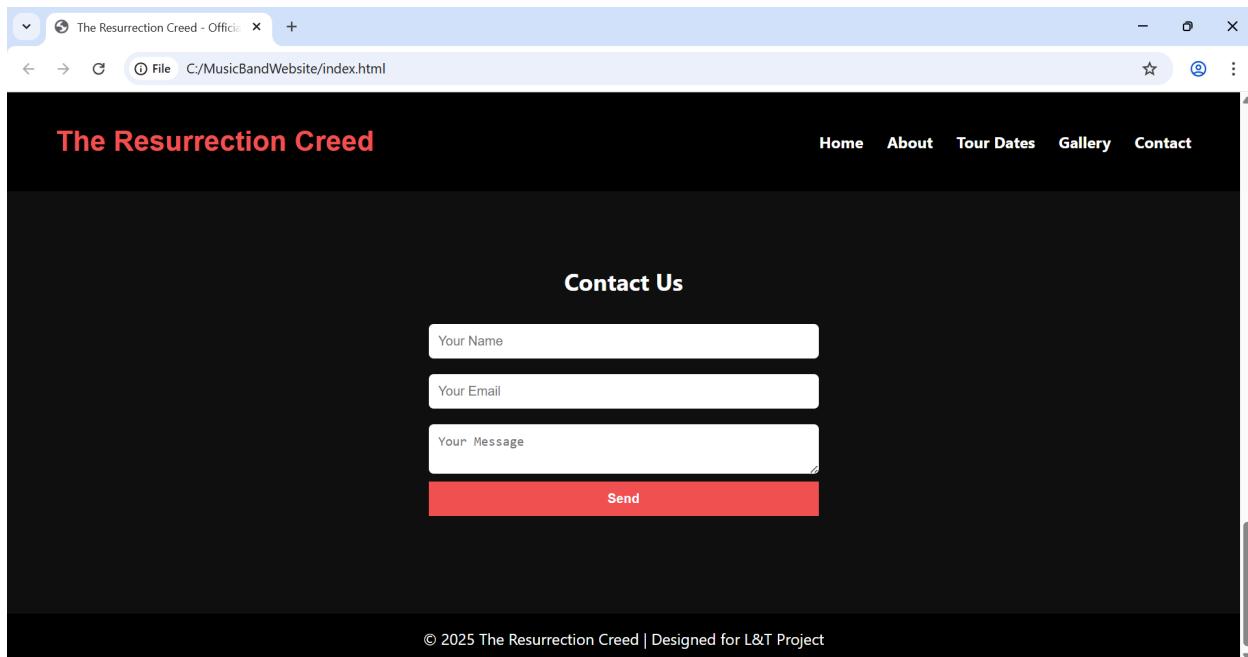
C:/MusicBandWebsite/index.html

## The Resurrection Creed

Home About Tour Dates Gallery Contact

### Photo Gallery





## 11. Conclusion

This project successfully demonstrates the effective use of CSS to design visually appealing, responsive, and user-friendly web pages. By implementing various styling techniques, layout methods, and design principles, the project achieves an attractive interface while ensuring cross-device compatibility. The structured approach to styling not only improves the aesthetic appeal but also enhances user experience. This foundation can be further expanded with advanced CSS features, animations, and frameworks to create more dynamic and interactive websites in the future.

## 12. References

- L&T LMS : <https://learn.lntedutech.com/Landing/MyCourse>