Favourite Music Band

UI/UX Design Fundamentals – Christ(Deemed to be University)

Submitted By:

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1. Abstract:

This is a Favoutie Music Band project to enable users to be informed and followed up on their personal favourite bands around the word through the means of an interactive, responsive web-based interface. The main objective is to create a minimal yet effective UI that enables users to add, see, and discover the different songs and tours of the Music Band. The app includes a primary HTML page with five different section- 1.Home, 2.The Band, 3.Tour Dates, 4.Gallery, 5.Contact all themed in a common CSS theme for uniformity. The core technologies employed are HTML5 and CSS3. The end result is a light, easy-to-use Band website that can be viewed completely in the browser without requiring a backend.

2.Objectives:

➔ Create an easily accessible interface based on contemporary UI/UX best practices to display financial information in an understandable and appealing manner.

➔ Create a fully responsive layout based solely on HTML and CSS to guarantee the best view on desktops, tablets, and phones.

➔ Utilize semantic HTML5 elements to improve code readability, maintainability, and search engine optimization.

➔ Use uniform CSS styling for branding consistency, layout structure, coloring, and adaptive design.

➔ Provide accessibility and readability using clear typography, sufficient contrast, and intuitive content organization on all devices.

3. Scope of the Project:

This project is all about the front-end design and development of a Music Band website. It has a HTML page with incorporates five different sections — all themed consistently with CSS. The interface is built to be entirely responsive to ensure usability on desktop, tablet, and mobile viewports. Development was based solely on open-source tools and pure code, without any proprietary frameworks, to guarantee lightweight performance and ease of customization. The scope does not include advanced authentication, third-party API integration, or multi-dimensional analytics, maintaining the project on a clean, functional, and accessible front-end Music Website.

4. Tools & Technologies Used:

Tool/Technology	Purpose
HTML	Markup and content structure
CSS3	Styling and layout management
VS Code	Code editor

5. HTML Structure Overview:

- **Semantic HTML5 tags used:** <header>, <nav>, <main>, <section>, and <footer> for clear structure and improved accessibility.

- **Page layout divided into reusable sections:** Dashboard Summary, Charts, Transactions, and Savings Goals for organized content presentation.

- **Navigation menu implemented** using <ul> lists and <a> anchor links to enable smooth navigation between different pages (Dashboard, Transactions, Savings, Diary).

- **Grid and flexbox layouts** used within sections for responsive arrangement of cards, charts, and data tables.

- **Consistent header and footer** across all pages for branding and easy navigation.

6. CSS Styling Strategy:

External CSS file (style.css) applied for centralized and maintainable styling on all HTML pages. Organized with comments and sections to isolate styling for layout, typography, colors, and responsive rules.

Layout techniques used:

- Flexbox for laying out navigation, summary cards, and chart elements.

- CSS Grid for setting up responsive card layouts and data display areas.

- Media Queries used to achieve optimal display on desktop, tablet, and mobile viewports.

- CSS Variables employed for simple theme customization and uniform color usage across the project.

- Hover effects and smooth transitions used for interactive visual feedback on cards and buttons.

- Mobile-first design strategy followed to optimize small-screen usability first before scaling to larger devices.

7. Key Features:

Feature	Description
Responsive Design	Adapts seamlessly to desktop, tablet, and mobile viewports using Flexbox, Grid, and media queries.
Smooth Navigation	Consistent header with easy navigation links.
Summary Cards	Grid-based cards displaying the major tour dates.
Gallery Section	Dedicated area for displaying the different images of the band performing.
Accessible Fonts & Colors	High-contrast color scheme and clear typography for readability across devices.

8. Challenges Faced & Solutions:

Challenge	Solution
Overlapping elements on small screens	Implemented media queries to stack and resize elements for better mobile layout.
Difficulty aligning items using float	Replaced floats with Flexbox and CSS Grid, enabling cleaner and more responsive alignment.
Typography scaling inconsistencies	Switched to relative units (em/rem) instead of fixed pixels to ensure proportional scaling across devices.

9. Outcome:

- Achieved a clean, consistent, and visually engaging front-end layout

- All key components function as intended using just HTML and CSS

- Learned about layout responsiveness and UI hierarchy in depth

10. Future Enhancements:

- Add JavaScript for interactivity (form validation, dynamic content)

- Integrate animations or transitions

- Backend integration for form submission

- Theme toggler (light/dark mode)

11. Code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Arctic Monkeys - Official Website</title>
  <link rel="stylesheet" href="css/styles.css">
</head>
<body>

  <header class="header">
    <nav>
      <a href="#home">Home</a>
      <a href="#about">The Band</a>
      <a href="#tour">Tour Dates</a>
      <a href="#gallery">Gallery</a>
      <a href="#contact">Contact</a>
    </nav>
  </header>

  <main>
    <section id="home" class="hero-section">
      <div class="hero-text">
        <h1>Arctic Monkeys</h1>
        <p>Official Website</p>
```

```html
        </div>
    </section>

    <section id="about" class="about-section">
        <h2>About the Band</h2>
        <div class="band-members">
            <div class="member">
                <img src="Image1.jpg" alt="Alex Turner">
                <h3>Alex Turner</h3>
                <p>Vocals, Guitar</p>
            </div>
            <div class="member">
                <img src="Image4.jpg" alt="Jamie Cook">
                <h3>Jamie Cook</h3>
                <p>Guitar</p>
            </div>
            <div class="member">
                <img src="Image3.jpg" alt="Nick O'Malley">
                <h3>Nick O'Malley</h3>
                <p>Bass, Backing Vocals</p>
            </div>
            <div class="member">
                <img src="Image2.jpg" alt="Matt Helders">
                <h3>Matt Helders</h3>
                <p>Drums, Backing Vocals</p>
            </div>
```

```html
    </div>

    <p class="band-story">Formed in Sheffield, England in 2002, Arctic
Monkeys have become one of the most influential bands of their generation.
Known for their evolving sound and sharp lyricism, they continue to captivate
audiences worldwide.</p>

</section>


<section id="tour" class="tour-section">
  <h2>Upcoming Tour Dates</h2>
  <table>
    <thead>
      <tr>
        <th>Date</th>
        <th>City</th>
        <th>Venue</th>
      </tr>
    </thead>
    <tbody>
      <tr>
        <td>Oct 25, 2025</td>
        <td>New York, NY</td>
        <td>Madison Square Garden</td>
      </tr>
      <tr>
        <td>Nov 05, 2025</td>
        <td>Los Angeles, CA</td>
        <td>The Forum</td>
```

```html
          </tr>
          <tr>
            <td>Dec 10, 2025</td>
            <td>London, UK</td>
            <td>O2 Arena</td>
          </tr>
        </tbody>
      </table>
    </section>

    <section id="gallery" class="gallery-section">
      <h2>Gallery</h2>
      <div class="photo-grid">
        <img src="images/1.jpg" alt="Arctic Monkeys performing live">
        <img src="images/2.jpg" alt="Alex Turner on stage">
        <img src="images/3.jpg" alt="Band members backstage">
        <img src="images/4.jpg" alt="Crowd at an Arctic Monkeys concert">
        <img src="images/5.jpg" alt="Album cover for 'AM'">
        <img src="images/6.jpg" alt="Concert venue sign">
      </div>
    </section>

    <section id="contact" class="contact-section">
      <h2>Contact Us</h2>
      <form class="contact-form">
        <label for="name">Name:</label>
```
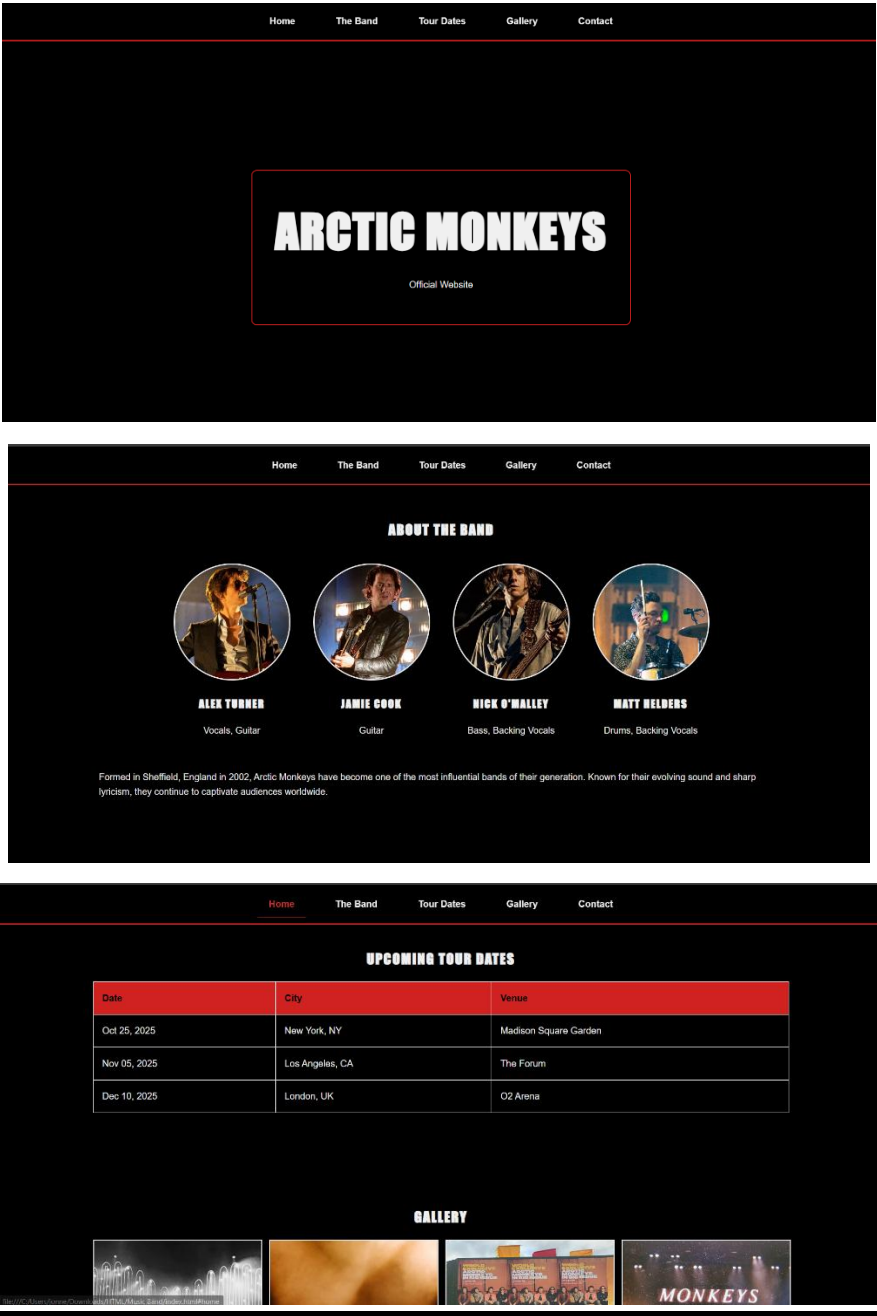
```html
            <input type="text" id="name" name="name" required>

            <label for="email">Email:</label>
            <input type="email" id="email" name="email" required>

            <label for="message">Message:</label>
            <textarea id="message" name="message" required></textarea>

            <button type="submit">Send Message</button>
        </form>
      </section>
   </main>

   <footer>
      <p>&copy; 2025 Arctic Monkeys. All Rights Reserved.</p>
   </footer>

</body>
</html>
```
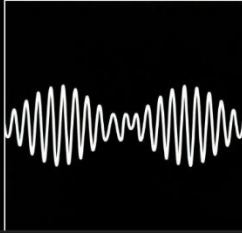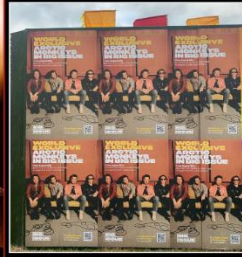
12.Screenshots of Final Output

GALLERY

CONTACT US

Name:

Email:

Message:

SEND MESSAGE

13. Conclusion:

This is a Music Band Website UI that is meant to display the favourite Band of the user in a clean, responsive layout. This was created purely with HTML and CSS, with emphasis on contemporary UI principles, semantic structure, and cross-device compatibility.

By doing this mini project, I deepened my front-end development skills with the hands-on experience of using responsive design, Flexbox/Grid layouts, and color/typography choices for accessibility. I also learned how crucial it is to have a user-centered and visually consistent layout and how it should be made adaptable to various screen sizes. The process deepened my knowledge about user-centered web design and the use of CSS transitions in enhancing interactivity and engagement.

14. References:

L&T LMS:

https://learn.lntedutech.com/Landing/MyCourse