Front-End UI/UX Mini Project

1. Title Page

- Project Title: "MOVIE INFO PAGE (static)"
- Submitted By:

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- Institution: Christ University
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2. Abstract

This project is a web-based informational platform dedicated to the 2007 Indian drama film *Taare Zameen Par*. The goal is to present the film's story, themes, and production details in an engaging and accessible way, highlighting its message about understanding and supporting children with learning differences. The site uses HTML5 for structure, CSS for styling via an external stylesheet, and Google Fonts (Cinzel and Roboto) for enhanced typography. Key sections include a visual banner, a synopsis with cast and production details, a sidebar for smooth navigation, and a footer with branding. The final product is an easy-to-navigate, aesthetically appealing website that serves as both a promotional and educational resource, making it useful for fans, students, and educators seeking insight into the film's impact and message.

3. Objectives

- Design a user-friendly interface following modern UI/UX principles to ensure intuitive navigation and a visually engaging experience.
- Develop a fully responsive layout using only HTML5 and CSS, ensuring optimal viewing across desktops, tablets, and mobile devices.
- Implement structured HTML5 semantic elements to enhance the document's readability, maintainability, and SEO performance.
- Apply CSS styling for consistent branding, layout structure, typography, and responsive behavior without reliance on external frameworks.
- Ensure accessibility and readability by adhering to WCAG guidelines, providing clear text contrast, alt text for images, and logical navigation for all devices and users.

4. Scope of the Project

This project encompasses the front-end development of an informational website dedicated to the film *Taare Zameen Par*. The scope is limited to design and layout creation, focusing solely on HTML5 and CSS3 for structure and styling.

Key inclusions:

- Front-end design only no JavaScript or server-side programming is implemented.
- Fully responsive layout to ensure compatibility with desktop, tablet, and mobile viewports.
- Use of only open-source tools and pure code, with no external libraries, frameworks, or proprietary software.
- Integration of Google Fonts for typography and branded visual appeal.
- Static website intended for presentation, education, and reference purposes without dynamic functionality or database connectivity.

Boundaries: Server-side logic, backend databases, interactive scripting, or third-party integration features are explicitly excluded from this project.

5. Tools & Technologies Used

Tool/Technology	Purpose
HTML5	Markup and content structure
CSS3	Styling and layout management
VS Code	Code editor
Chrome DevTool	Testing and debugging

6. HTML Structure Overview

• Semantic HTML tags used: The site layout is built with <header>, <section>, and <footer> tags for clear structural meaning. If extended, <nav> can be used for the sidebar navigation, and <main> to wrap the primary content for better accessibility and SEO.

Reusable sections:

- About Contains production details, budget/box office info, and an overview of the film's plot and themes.
- Projects (in this context, could be adapted to highlight "Film Highlights" or similar future additions).
- Contact (currently absent in the code but could be included in later phases for user engagement or feedback).
- *Navigation Menu:* Sidebar navigation is built with <a> links for page switching. If smooth scrolling is desired on a single-page layout, with internal anchor links can be used for better organization and accessibility.

7. CSS Styling Strategy

- External Stylesheet: All styling rules are maintained in a dedicated external CSS file (styles.css) to ensure separation of concerns, easier maintenance, and scalability.
- Organized with Comments and Sections: CSS rules are grouped logically into sections (e.g., Typography, Layout, Navigation, Footer) with clear comments for quick reference and updates.
- Layout Techniques:
 - Flexbox and CSS Grid used to create adaptive and visually balanced layouts across different sections.
 - Media Queries implemented to achieve responsiveness for desktop, tablet, and mobile viewports.

- *Theme Control:* CSS Variables (variable-name) applied for key design attributes such as colors, font-sizes, and spacing, enabling quick theme customization.
- *Interactive Enhancements:* Subtle hover effects and smooth CSS transitions applied to buttons, links, and images to improve user engagement without impacting performance.

8. Key Feature

Feature	Description
Responsive Design	Adapts seamlessly to all screen size
Smooth Navigation	Fixed top nav with anchor link
Project Cards	Flex-based layout
Contact Form (non-functional)	Placeholder layout for inputs and
	button
Accessible Fonts & Color	High contrast and readable typography

9. Challenges Faced & Solution

Challenge	Solution
Overlapping elements on small screens	Used media queries to stack elemen
Difficulty aligning items using float	Shifted to Flexbox and Grid
Typography scaling issue	Used relative units (em/rem) instead of
	px

10. Outcome

- Achieved a clean, consistent, and visually engaging front-end layout that aligns with the aesthetic and thematic tone of the film.
- All key components function as intended using only HTML5 and CSS3, without reliance on JavaScript or server-side technologies.
- Successfully implemented responsive design principles, ensuring seamless display across desktop, tablet, and mobile devices.
- Improved understanding of layout responsiveness and UI hierarchy, particularly in designing intuitive navigation, balanced typography, and effective use of Flexbox, Grid, and media queries.
- Delivered a static yet informative platform that can serve educational, promotional, and reference purposes for audiences interested in the film and its social message.

11. Future Enhancements

- Add JavaScript for Interactivity: Implement client-side scripting to handle dynamic features such as form validation, content updates without page reload, and interactive UI elements.
- *Integrate Animations or Advanced Transitions:* Enhance visual engagement by applying smooth CSS/JavaScript-powered animations for banners, buttons, and section reveals on scroll.
- Backend Integration for Form Submission: Connect contact or feedback forms to a server-side backend using technologies like PHP, Node.js, or Python for storing and processing submissions.
- *Theme Toggler (Light/Dark Mode):* Provide users with a customizable viewing experience by implementing a toggle button that switches between light and dark themes using CSS variables and JavaScript.

12. Sample Code-HTML Code

```
<!DOCTYPE html>
<html lang="en">
 <meta charset="UTF-8">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <title>Cast - Taare Zameen Par</title>
 <link rel="stylesheet" href="styles.css">
 <header class="header">
   <h1>Taare Zameen Par</h1>
   <section class="section cast">
     <h3>Full Cast</h3>
      <div class="cast-grid":
       <div class="cast-member"> <img src="aamirkhan.jpj.jpg" alt="Aamir Khan" class="cast-photo">
         <div class="cast-name">Aamir Khan
         <div class="cast-role">Ram Shankar Nikumbh</div>
        <div class="cast-member"><img src="darsheelsafary.jpg" alt="Darsheel Safary" class="cast-photo">
         <div class="cast-name">Darsheel Safary</div>
         <div class="cast-role">Ishaan Awasthi</div>
        <div class="cast-member"><img src="tiscachopra.jpg" alt="Tisca Chopra" class="cast-photo">
         <div class="cast-name">Tisca Chopra</div>
         <div class="cast-role">Maya Awasthi</div>
        <div class="cast-member"><img src="girijaoak.avif" alt="Girija Oak" class="cast-photo">
         <div class="cast-name">Girija Oak</div>
         <div class="cast-role">Jabeen</div>
        <div class="cast-member"> <img src="vipinsharma.jpeg" alt="Vipin Sharma" class="cast-photo">
         <div class="cast-name">Vipin Sharma</div>
         <div class="cast-role">Nandikishore</div>
```

```
\leftrightarrow reviews.html > \Theta html > \Theta body > \Theta header.header
     <!DOCTYPE html>
      <html lang="en">
         <meta charset="UTF-8">
         <meta name="viewport" content="width=device-width, initial-scale=1.0">
         <title>Reviews - Taare Zameen Par</title>
         <link rel="stylesheet" href="styles.css">
             <h1>Taare Zameen Par</h1>
             Reviews
         </header>
                 <div class="review":
                     <div class="review-header"><span class="reviewer-name"> <a href="https://www.bollywoodcritic.com"</pre>
                                 target="_blank" rel="noopener noreferrer">BollywoodCritic</a></span><span</pre>
                             class="stars">****</span></div>
                     "A masterpiece that touches the heart and opens the mind. Aamir Khan's
                         directorial debut..."
                 <div class="review">
                     <div class="review-header"><span class="reviewer-name"> <a href="https://www.filmlover2023.com"</pre>
                                target="_blank" rel="noopener noreferrer">FilmLover2023</a></span><span
                             class="stars">****</span></div>
                     "Every parent and teacher should watch this film. It beautifully portrays how
                         every child..."
                 <div class="review">
                     <div class="review-header"><span class="reviewer-name"><a href="https://www.indiancinemafan.com"</pre>
                                 target=" blank" rel="noopener noreferrer">IndianCinemaFan</a></span><span
                             class="stars">★★★☆</span></div>
                     "A heartwarming tale that celebrates the uniqueness of every child..."
```

```
♦ watch.html > ♦ html > ♦ body
    <!DOCTYPE html>
    <html lang="en">
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
       <title>Where to Watch - Taare Zameen Par</title>
        <link rel="stylesheet" href="styles.css">
        <h1>Taare Zameen Par</h1>
        Available Platforms
     <div class="container">
           <h3>Streaming Platforms</h3>
              <div class="platform">Netflix</div>
              <div class="platform">Amazon Prime</div>
              <div class="platform">Hotstar</div>
              <div class="platform">YouTube</div>
              <div class="platform">SonyLIV</div>
     <footer class="footer">
        0 2007 Aamir Khan Productions
     <div class="sidebar">
      <a href="cast.html" class="sidebar-item" title="Cast">♥ <span class="sidebar-text">Cast</span></a>
      <a href="reviews.html" class="sidebar-item" title="Reviews">🛊 <span class="sidebar-text">Reviews</span></a>
      <a href="watch.html" class="sidebar-item" title="Where to Watch"> <a href="watch.html" class="sidebar-text"> Where to Watch</a>/sp
      <a href="awards.html" class="sidebar-item" title="Awards & Recognition"> 🛣 <span class="sidebar-text">Awards & Re
     </div></body></html>
39
```

```
    plot.html >  html >  body >  div.container >  section.section

      <!DOCTYPE html>
      <html lang="en">
       <meta charset="UTF-8">
       <meta name="viewport" content="width=device-width, initial-scale=1.0">
       <title>Plot Summary - Taare Zameen Par</title>
       <link rel="stylesheet" href="styles.css">
        <header class="header">
         <h1>Taare Zameen Par</h1>
         Plot Summary
         <section class="section">
           <h3>Plot Summary</h3>
            Taare Zameen Par follows Ishaan Awasthi, an imaginative and artistic 8-year-old boy who struggles with
             academics, especially reading and writing. His world is full of creativity, daydreams, and wonder, but his
              grades and inability to focus in class lead to constant scolding from teachers and frustration from his pare
              Believing he is lazy and disobedient, his parents send him to a boarding school to "discipline" him.
            	ext{qp}	ext{>}	ext{At} the new school, Ishaan becomes withdrawn and hopeless, feeling abandoned and misunderstood. His life characteristics
              when a new art teacher, Ram Shankar Nikumbh, joins the school. Unlike other teachers, Nikumbh notices Ishaar
              distress and unique way of seeing the world. He soon realizes Ishaan has dyslexia, a learning difficulty that
             affects reading and writing but not intelligence.
            \langle p 
angleNikumbh meets Ishaan^ps parents, explains the condition, and emphasizes the importance of support and
              encouragement. He then uses creative teaching methods to help Ishaan overcome his struggles and rebuild his
              confidence. Through patience, art, and empathy, Ishaan begins to thrive, rediscovering joy in learning.
            <The film beautifully portrays the message that every child is special and needs understanding, love, and the
             right guidance to shine.
          </section>
```

CSS Code-

```
# styles.css > 😭 .banner
      /* Reset and Base Styles */
      * { margin: 0; padding: 0; box-sizing: border-box; }
      body {
          font-family: 'Roboto', sans-serif;
          background-color: □#0a0a0a;
          color: ■#e0e0e0;
          line-height: 1.6;
          overflow-x: hidden;
      .header {
         padding: 2rem 0;
         text-align: center;
         position: relative;
      .header img {
       height: 300px;  /* Change to your desired height */
width: 500%;  /* Keeps it full width */
       object-fit: contain; /* Prevents stretching */
      .header h1 {
        font-family: 'Cinzel', serif;
          font-size: 3.5rem;
         font-weight: 700;
         color: □#fff;
      .subtitle { color: ■#b0b0b0; font-weight: 300; }
      .banner {
34
         height: 10vh;
          background: linear-gradient(\squarergba(0,0,0,0.4), \squarergba(0,0,0,0.7));
          display: flex; align-items: center; justify-content: center;
      .banner-content { text-align: center; }
```

```
√ .banner h2 {
           font-family: 'Cinzel', serif;
font-size: 4rem; color: ■#fff; margin-bottom: 1rem;
      .banner p { font-size: 1.3rem; color: ■#ff6b35; }
      .container { max-width: 1200px; margin: 0 auto; padding: 0 2rem; }
      .section {
           margin: 4rem 0; padding: 2rem;
           background: ☐rgba(255,255,255,0.02);
           border-radius: 15px;
           border: 1px solid □rgba(255,107,53,0.1);
53 v .section h3 {
           font-family: 'Cinzel', serif;
font-size: 2.2rem; color: ■#ff6b35;
           text-align: center; margin-bottom: 1.5rem;
      .synopsis p { font-size: 1.1rem; margin-bottom: 1.2rem; text-align: justify; }
      .cast-grid { display: grid; grid-template-columns: repeat(auto-fit,minmax(250px,1fr)); gap: 1.5rem; }
64 v .cast-member {
          background: linear-gradient(145deg, ☐rgba(255,107,53,0.1), ☐rgba(15,52,96,0.1));
           padding: 1.5rem; border-radius: 12px; text-align: center;
           border: 1px solid □rgba(255,107,53,0.2);
          width: 80px; height: 80px; border-radius: 50%;
background: linear-gradient(45deg, ■#ff6b35, □#0f3460);
          margin: 0 auto 1rem; display: flex; align-items: center; justify-content: center; color: ##fff; font-size: 2rem; font-weight: bold;
      .cast-name { font-weight: 500; color: ■#fff; } .cast-role { color: ■#ff6b35; font-style: italic; }
```

```
.reviews { display: grid; gap: 1.5rem; }
    background: ☐rgba(0,0,0,0.3); padding: 1.5rem; border-radius: 12px;
    border-left: 4px solid ■#ff6b35;
.review-header { display: flex; justify-content: space-between; margin-bottom: 1rem; }
.reviewer-name { font-weight: 500; color: ■#ff6b35; }
.stars { color: ■#ffd700; }
.platforms { display: flex; flex-wrap: wrap; gap: 1rem; justify-content: center; }
.platform {
    background: linear-gradient(145deg, ■#ff6b35, ■#e55a2b);
    padding: 0.8rem 1.5rem; border-radius: 25px;
    color: ■white; font-weight: 500;
    background: linear-gradient(135deg, □#0a0a0a, □#1a1a2e);
    padding: 2rem 0; text-align: center; margin-top: 4rem;
.studio-logo {
    width: 60px; height: 60px; border-radius: 50%;
    background: linear-gradient(45deg, ■ #ff6b35, ■ #0f3460);
    margin: 0 auto 1rem; display: flex; align-items: center; justify-content: center;
    color: ■white; font-weight: bold; font-size: 1.5rem;
.sidebar {
    top: 50%; left: 0;
    transform: translateY(-50%);
    display: flex; flex-direction: column; gap: 1rem;
    z-index: 1000;
```

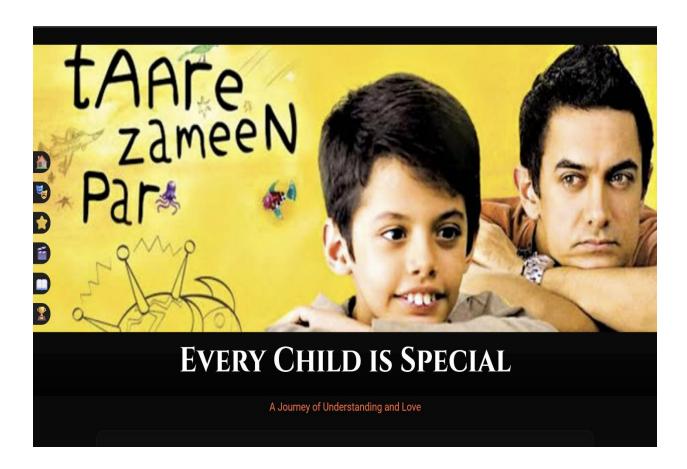
```
sidebar-item {
    position: relative;
    width: 2.5rem; height: 2.5rem;
    display: flex; align-items: center; justify-content: center;
    background: □#222; color: ■white; font-size: 1.6rem;
    border-radius: 0 1.5rem 0;
    text-decoration: none;
}

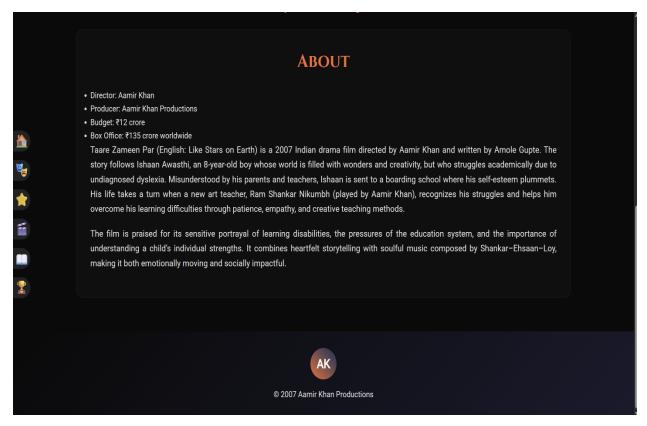
sidebar-item:hover { background: □#ff6b35; }

sidebar-text {
    position: absolute; left: 2.8rem; top: 50%;
    transform: translateY(-50%) translateX(-20px);
    background: □#222; color: ■white; border-radius: 1rem;
    padding: 0.3rem 0.8rem; white-space: nowrap;
    opacity: 0; transition: all 0.3s;
}

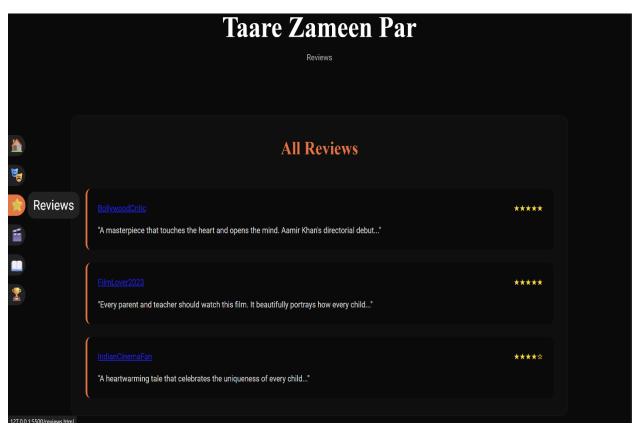
sidebar-item:hover .sidebar-text {
    opacity: 1; transform: translateY(-50%) translateX(0);
}
```

13. Screenshots of Final Output

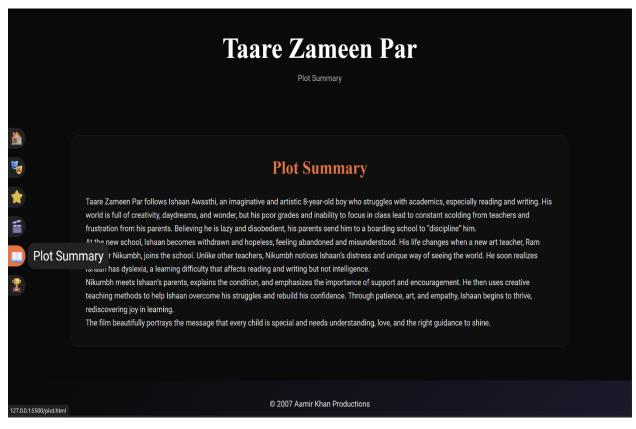














11. Conclusion

This project is a portfolio website designed to showcase the user's skills, completed projects, resume, and contact form in a clean and professional layout. Built entirely with HTML5 and CSS3, it served as a focused exercise in front-end development without the use of JavaScript or external frameworks.

Through this mini project, We strengthened our understanding of responsive design principles, layout structuring, and user interface aesthetics. The hands-on process of implementing semantic HTML elements, CSS layouts (Flexbox and Grid), and mobile-first responsiveness provided valuable insights into user-centric web design.

This exercise not only improved our technical proficiency but also reinforced the importance of clear navigation, accessibility, and visual consistency in enhancing the overall user experience. The end result is a lightweight, responsive, and visually engaging portfolio that effectively represents professional capabilities.

12. References

• *L&T LMS*: https://learn.lntedutech.com/Landing/MyCourse