Front-End UI/UX Mini Project

1. Title Page

- **Project Title**: Event Countdown Landing page(static layout)

- **Submitted By**:

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- **Course**: *UI/UX Design Fundamentals*

- **Instructor Name**: Ms *Nagaveena*

- **Institution**: *Christ University*

- **Date of Submission**: *13/08/2025*

2. Abstract

This project is a responsive event countdown website designed for the upcoming "LaunchX 2025" tech conference. It serves as an engaging landing page with a live countdown timer, speaker profiles, and event schedule. Built with HTML5 and CSS3, the design emphasizes clarity, responsiveness, and user engagement. The countdown section is styled with animated digits, while the speaker section uses profile cards for visual impact. The schedule is presented in a clean timeline format for easy readability. The goal was to provide a visually appealing pre-event webpage that informs and excites attendees.

3. Objectives

- Design a visually appealing and informative event landing page.

- Implement a countdown timer section with bold, animated digits.

- Showcase event speakers with profile images and titles.

- Present the event schedule in a structured, timeline format.

- Ensure mobile responsiveness and cross-device compatibility.

- Maintain readability with proper font sizing, contrast, and layout hierarchy.

4. Scope of the Project

The project focuses solely on the **front-end** interface of an event landing page. It includes:

- Countdown timer display (static values in current version).

- Speaker profile cards with images, names, and topics.

- Event schedule presented as a vertical timeline.
  Excludes JavaScript interactivity for live countdown updates or backend integration for dynamic content.

5. Tools & Technologies Used

Tool/Technology	Purpose
HTML5	Structuring content and semantic markup
CSS3	Styling, layout, animations, responsive design
VS Code	Code editing and debugging
Chrome DevTools	Testing and performance tuning

6. HTML Structure Overview

- **Hero Section** with overlay, heading, tagline, and countdown digits.

- **Speakers Section** featuring profile cards for each guest speaker.

- **Schedule Section** with timeline tabs for different event slots.

- Semantic structure with <section> tags for clarity.

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7. CSS Styling Strategy

- Reset styles for consistent rendering.

- Flexbox used for speaker profile layout and hero countdown alignment.

- CSS animations (@keyframes pulse) for countdown digit emphasis.

- Gradient background in hero section for visual depth.

- Media queries for adapting font sizes and layouts on smaller screens.

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8. Key Features

Feature	Description
Responsive Design	Scales across mobile, tablet, and desktop
Countdown Display	Prominent timer digits styled with animations
Event Timeline	Easy-to-read vertical schedule layout
Speaker Profiles	Circular images, names, and topics in a grid/flex layout
Gradient Hero Section	Creates a striking first impression

9. Challenges Faced & Solutions

Challenge	Solution
Ensuring readability over a dark gradient background	Added a semi-transparent overlay for contrast
Aligning countdown digits on all screen sizes	Used Flexbox with gap control
Speaker image cropping	Applied border-radius: 50% and fixed image dimensions

10. Outcome

The Event Countdown Website meets its goal of being an engaging, responsive, and visually balanced pre-event landing page. It clearly communicates key event details, highlights speakers, and outlines the schedule. The result is a professional layout that can be adapted for real-world events.

11. Future Enhancements

- Add JavaScript for a real-time, live-updating countdown timer.

- Include animations for speaker cards on hover.

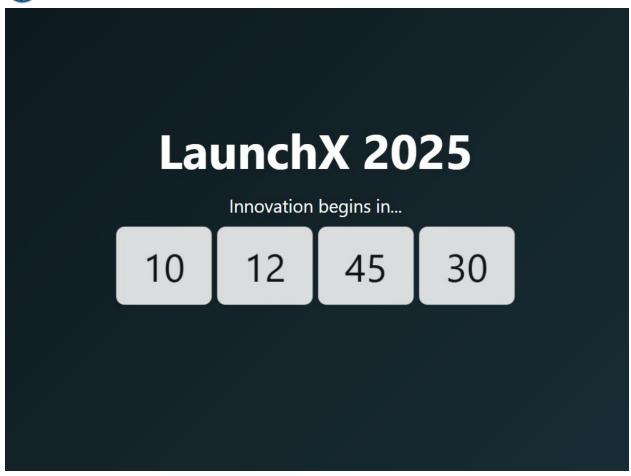- Add registration form integration.

- Enable dark/light theme toggle.

12. Sample Code

Countdown Digit Styling (CSS)

```css
.digit {

  font-size: 3vw;

  padding: 1rem 2rem;

  background: #fff;

  color: #111;

  border-radius: 10px;

  animation: pulse 2s infinite ease-in-out;

}

@keyframes pulse {

  0%, 100% { transform: scale(1); opacity: 1; }

  50% { transform: scale(1.1); opacity: 0.8; }

}
```

Event Timeline Structure (HTML)

```html
<div class="tab">

  <span class="time">10:00 AM</span>

  <div class="details">Opening Keynote</div>

</div>
```

13. Screenshots of Final Output

11. Conclusion

This mini project successfully demonstrates event landing page design principles, focusing on layout clarity, responsiveness, and thematic branding. The structured sections ensure easy navigation, and the countdown provides urgency, which is vital for event marketing. The process enhanced my CSS animation skills and responsive design proficiency

12. References

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