

Front-End UI/UX Mini Project

Project Submission Template

1. Title Page

- **Project Title:** Event Countdown Landing Page (Static Layout)
- **Submitted By:**
 - *Team Member - Lancy J*
 - *Roll Number - 2462339*
 - *College-E-mail id - lancy.j@btech.christuniversity.in*
- **Course:** *UI/UX Design Fundamentals*
- **Instructor Name:** *Nagaveena*
- **Institution:** *Christ University*
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2. Abstract

This project is a front-end landing page for “LaunchX 2025,” featuring a visually dynamic event countdown, speaker profiles, and a clear event schedule. Developed using semantic HTML5 and styled entirely with CSS3, it employs modern UI techniques such as Flexbox, animations, and responsive design principles. The layout adapts to different devices, ensuring accessibility and visual clarity. This project’s goal is to build an engaging event-focused web page that effectively communicates key event details while enhancing audience anticipation.

3. Objectives

- Create an engaging, branded landing page for an upcoming event.
- Implement a functional countdown display for days, hours, minutes, and seconds.
- Showcase event speakers with images, names, and specializations.
- Present a clean, readable event schedule.
- Apply responsive web design techniques for mobile, tablet, and desktop devices.

4. Scope of the Project

- Focused on front-end design using HTML5 and CSS3.
- Includes countdown display, speaker section, and schedule timeline.



- No JavaScript or backend features integrated.
- Intended for promotional use across devices.

5. Tools & Technologies Used

Tool/Technology	Purpose
HTML5	Page structure and semantic elements
CSS3	Styling, animations, and responsive layout
VS Code	Code editing
Chrome DevTools	Layout testing and debugging

6. HTML Structure Overview

- Hero Section: Event name, tagline, countdown digits inside .countdown.
- Speakers Section: .profiles container with .profile cards for each speaker.
- Schedule Section: .timeline with .tab entries for time and details.
- Semantic use of <section>, <h1>–<h3>, <p>, and <div> elements

7. CSS Styling Strategy

- Reset & Base: Universal selector * for margin/padding reset, box-sizing: border-box, dark background, white text.
- Hero Section: Full viewport height, gradient background, centered content with Flexbox, semi-transparent .overlay, animated .digit countdown boxes using @keyframes pulse.
- Speakers Section: Flexbox layout with wrapping, circular speaker images, border styling, and centralized text alignment.
- Schedule Section: Vertical .timeline with .tab entries, colored left border, bold time labels, and subdued description text.
- Responsive Design: Media queries at max-width: 768px to scale headings, countdown digits, and section titles for smaller screens.

8. Key Features

Feature	Description
Responsive Design	Description
Smooth Navigation	Enlarging and fading pulse animation for digits

Project Cards	Multi-color diagonal gradient in hero section
Contact Form (non-functional)	Circular framed images with titles and descriptions
Accessible Fonts & Colors	Mobile-friendly scaling and rearrangement

9. Challenges Faced & Solutions

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

10. Outcome

The final product is a fully responsive, visually appealing landing page that highlights event details clearly and attractively. The use of Flexbox, animations, and responsive units provided a strong understanding of modern CSS capabilities.

11. Future Enhancements

- Add JavaScript for real-time countdown functionality.
- Include clickable speaker cards with detailed biographies.
- Integrate registration form and backend data handling.
- Add smooth scrolling and animation effects for section transitions.

12. Sample Code

Index.html

```

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8" />

  <meta name="viewport" content="width=device-width, initial-scale=1.0" />

  <title>Event Countdown</title>

  <link rel="stylesheet" href="style.css" />

</head>

```



<body>

<section class="hero">

<div class="overlay"></div>

<h1>LaunchX 2025</h1>

<p class="tagline">Innovation begins in...</p>

<div class="countdown">

<div class="digit" id="days">10</div>

<div class="digit" id="hours">12</div>

<div class="digit" id="minutes">45</div>

<div class="digit" id="seconds">30</div>

</div>

</section>

<section class="speakers">

<h2>Meet the Speakers</h2>

<div class="profiles">

<div class="profile">

<h3>Dr. Aisha Verma</h3>

<p>AI Ethics & Future Tech</p>

</div>

<div class="profile">

<h3>Rajiv Menon</h3>

<p>Designing for Impact</p>

</div>



```
<div class="profile">  
    
  <h3>Elena Cruz</h3>  
  <p>Startup Growth Hacks</p>  
</div>  
</div>  
</section>
```

```
<section class="schedule">  
  <h2>Event Schedule</h2>  
  <div class="timeline">  
    <div class="tab">  
      <span class="time">10:00 AM</span>  
      <div class="details">Opening Keynote</div>  
    </div>  
    <div class="tab">  
      <span class="time">11:30 AM</span>  
      <div class="details">Panel Discussion</div>  
    </div>  
    <div class="tab">  
      <span class="time">2:00 PM</span>  
      <div class="details">Workshops Begin</div>  
    </div>  
    <div class="tab">  
      <span class="time">5:00 PM</span>  
      <div class="details">Closing Remarks</div>  
    </div>
```



</div>

</section>

</body>

</html>

Style.css

/ Reset & Base */*

*** {**

margin: 0;

padding: 0;

box-sizing: border-box;

}

body {

font-family: 'Segoe UI', sans-serif;

color: #fff;

background: #111;

overflow-x: hidden;

}

/ Hero Section */*

.hero {

height: 100vh;

width: 100vw;

background: linear-gradient(135deg, #0f2027, #203a43, #2c5364);

display: flex;

flex-direction: column;

align-items: center;



```
justify-content: center;

position: relative;

text-align: center;
}

.hero .overlay {

position: absolute;

top: 0; left: 0;

width: 100%; height: 100%;

background: rgba(0,0,0,0.4);

z-index: 0;
}

.hero h1 {

font-size: 4vw;

z-index: 1;
}

.tagline {

font-size: 1.5vw;

margin: 1rem 0;

z-index: 1;
}

.countdown {

display: flex;

gap: 1rem;

z-index: 1;
}

.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; }

}
```

```
/* Speakers Section */
```

```
.speakers {

  padding: 5vh 5vw;

  background: #222;

  text-align: center;

}

.speakers h2 {

  font-size: 3vw;

  margin-bottom: 2rem;

}
```

```
.profiles {

  display: flex;

  justify-content: center;

  gap: 2rem;

  flex-wrap: wrap;

}
```




```
.profile {  
  width: 200px;  
  text-align: center;  
}  
  
.profile img {  
  width: 150px;  
  height: 150px;  
  border-radius: 50%;  
  border: 4px solid #fff;  
  margin-bottom: 1rem;  
}  
  
.profile h3 {  
  font-size: 1.2rem;  
  margin-bottom: 0.5rem;  
}  
  
.profile p {  
  font-size: 0.9rem;  
  color: #ccc;  
}
```

/* Schedule Section */

```
.schedule {  
  padding: 5vh 5vw;  
  background: #333;  
}  
  
.schedule h2 {  
  font-size: 3vw;
```



```
text-align: center;

margin-bottom: 2rem;
}

.timeline {

display: flex;

flex-direction: column;

gap: 1.5rem;

max-width: 600px;

margin: 0 auto;
}

.tab {

background: #444;

padding: 1rem;

border-left: 5px solid #00bcd4;
}

.tab .time {

font-weight: bold;

font-size: 1.2rem;
}

.tab .details {

margin-top: 0.5rem;

font-size: 1rem;

color: #ddd;
}

/* Responsive */

@media (max-width: 768px) {
```

```
.hero h1 { font-size: 8vw; }  
.tagline { font-size: 4vw; }  
.digit { font-size: 6vw; padding: 1rem; }  
.speakers h2, .schedule h2 { font-size: 6vw; }  
}
```

13. Screenshots of Final Output



11. Conclusion

This is a personal portfolio website showcases the user's skills, projects, resume, and contact form.

This mini project helped me strengthen my front-end development skills using only HTML and CSS. I gained practical insights into responsive design, layout structuring, and user interface aesthetics. The hands-on implementation of design principles also enhanced my understanding of user-centric web design.



12. References

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