

Front-End UI/UX Mini Project

Project Submission Template

1. Title Page

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

2. Abstract

This project focuses on creating an engaging and visually appealing *Autumn Fashion* showcase that highlights seasonal trends, color palettes, and outfit inspirations. The primary goal is to present fashion ideas that capture the warmth, coziness, and elegance of autumn through an attractive, easy-to-navigate platform. The project utilizes HTML and CSS to design a fully responsive layout, emphasizing typography, color harmony, and imagery that reflect autumn aesthetics. Key features include curated style sections, seasonal lookbooks, and styling tips. The outcome is a functional and aesthetically pleasing website that not only serves as a style guide for fashion enthusiasts but also demonstrates the effectiveness of using simple web technologies to create a professional, user-friendly experience.

3. Objectives

- Design a visually appealing and user-friendly interface inspired by modern UI principles and autumn aesthetics.
- Develop a fully responsive layout using only HTML and CSS to ensure optimal viewing on all devices.
- Implement structured HTML5 semantic elements for better organization, SEO, and maintainability.
- Apply CSS styling to establish consistent branding, seasonal color palettes, and flexible layouts.
- Ensure accessibility and readability by following web standards, making the site usable for all audiences.

4. Scope of the Project

The *Autumn Fashion* project is limited to front-end design and presentation, emphasizing a clean, responsive, and visually seasonal interface. The development focuses solely on HTML and CSS without the use of JavaScript or server-side technologies. The website is designed to function seamlessly across desktop, tablet, and mobile viewports, ensuring a consistent experience for all users. Only open-source tools and pure code are used, avoiding pre-built frameworks or external libraries. The scope does not cover backend functionalities such as data storage, user authentication, or dynamic content generation, keeping the project lightweight and purely design-oriented.

5. Tools & Technologies Used

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

6. HTML Structure Overview

- Used semantic tags: <header>, <nav>, <main>, <section>, <footer>
- Structured into reusable sections: About, Projects, Contact
- Navigation menu using and anchor links for smooth scrolling

7. CSS Styling Strategy

- Used external CSS file (style.css)
- Organized with comments and sections
- Techniques used:
 - Flexbox and Grid for layout
 - Media Queries for responsiveness
 - CSS Variables for theme customization
 - Hover effects and transitions
 - Mobile-first design approach

8. Key Features

Feature	Description
Responsive Design	Adapts seamlessly to all screen sizes including desktop, tablet, and mobile devices.
Smooth Navigation	Fixed top navigation bar with anchor links for quick access to sections.
Project Cards	Flex-based layout showcasing autumn outfits with stylish hover effects.
Contact Form (non-functional)	Placeholder layout with input fields and a button for future functionality.
Accessible Fonts & Colors	High-contrast seasonal color palette and readable typography for better accessibility.

9. Challenges Faced & Solutions

Challenge	Solution
Overlapping elements on small screens	Used CSS media queries to stack elements vertically and adjust spacing for mobile view.
Difficulty aligning items using float	Replaced float-based layouts with modern Flexbox and CSS Grid for easier alignment and responsiveness.
Typography scaling issue	Switched from fixed pixel units to relative units (em/rem) for better font scaling across devices.

10. Outcome

- Achieved a clean, consistent, and visually engaging front-end layout that reflects the warmth and style of autumn fashion.
- Successfully implemented all key components — navigation, content sections, and visual elements — using only HTML and CSS.
- Gained in-depth understanding of layout responsiveness, seasonal UI design principles, and effective visual hierarchy.

11. Future Enhancements

- Add JavaScript for interactive features such as form validation and dynamic content updates.
- Integrate smooth animations and transitions to enhance the visual appeal and user engagement.
- Implement backend functionality to enable working contact forms and data storage.
- Include a theme toggler (light/dark mode) to give users personalization options.

12. Sample Code

Sample Code 1 HTML

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>Fashion Lookbook</title>

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

</head>

<body>

  <!-- Hero Section -->

  <header class="hero">

    <!-- Falling Leaves -->

<div class="falling-leaves">

  
```

```




</div>
```

```
<div class="overlay fade-in">
  <h1>woven warmth</h1>
  <p>Effortless Style, Timeless Beauty</p>
</div>
</header>
```

```
<!-- Collection Gallery -->
<section class="collection">
  <h2 class="fade-up">Collection Gallery</h2>
  <div class="line-divider"></div>
  <div class="grid-gallery">
    <div class="gallery-item fade-up">
      
      <label class="like-btn">
        <input type="checkbox">
        <span class="heart"></span>
      </label>
```

</div>

<div class="gallery-item fade-up">

<label class="like-btn">

<input type="checkbox">

</label>

</div>

<div class="gallery-item fade-up">

<label class="like-btn">

<input type="checkbox">

</label>

</div>

<div class="gallery-item fade-up">

<label class="like-btn">

<input type="checkbox">

</label>

</div>

</div>

</section>

<!-- Trend Spotlight -->

<section class="trend">

<h2 class="fade-up">Trend Spotlight</h2>

<div class="line-divider"></div>

<div class="trend-items">

<div class="trend-card fade-up">

<div class="image-frame">

</div>

<p>Soft Beige Layers</p>

</div>

<div class="trend-card fade-up">

<div class="image-frame">

</div>

<p>Warm Earth Tones</p>

</div>

</div>

</section>


```
<!-- Extended Gallery Section -->
```

```
<section class="collection extra-gallery fade-up">
```

```
<h2>More From Our Collection</h2>
```

```
<div class="gallery-container">
```

```
<div class="gallery">
```

```
<!-- IMAGE 1 -->
```

```
<div class="gallery-item">
```

```

```

```
<div class="overlay-text">Country Allure</div>
```

```
</div>
```

```
<!-- IMAGE 2 -->
```

```
<div class="gallery-item">
```

```

```

```
<div class="overlay-text">Woodland Scholar</div>
```

```
</div>
```

```
<!-- IMAGE 3 -->
```

```
<div class="gallery-item">
```

```

```

```
<div class="overlay-text">Forest Grace</div>
```

```
</div>
```

```
<div class="gallery-item">

  <div class="overlay-text">Academic Darling</div>

</div>
```

```
<!-- IMAGE 2 -->
```

```
<div class="gallery-item">

  <div class="overlay-text">Victorian Frost</div>

</div>
```

```
<!-- IMAGE 3 -->
```

```
<div class="gallery-item">

  <div class="overlay-text">Cottage Belle</div>

</div>
```

```
<div class="gallery-item">

  <div class="overlay-text">Garden Poet</div>

</div>
```

<!-- IMAGE 2 -->

<div class="gallery-item">

<div class="overlay-text">Library Muse</div>

</div>

<!-- IMAGE 3 -->

<div class="gallery-item">

<div class="overlay-text">Parisian Grace</div>

</div>

<div class="gallery-item">

<div class="overlay-text">Warm Fall Edwardian</div>

</div>

<div class="gallery-item">

<div class="overlay-text">Cozy Fall Boho</div>

</div>

<!-- Add more items here (up to 10+) -->

</div>

</div>

</section>

<!-- Short Paragraph Section -->

<section class="story fade-up">

<h2>Our Autumn Inspiration</h2>

<div class="line-divider"></div>

<p>

Inspired by the warm embrace of autumn, this collection blends natural textures and earthy tones to create outfits that are both timeless and modern.

Each piece is crafted to reflect the golden hues of falling leaves, offering a sense of comfort and elegance in every stitch.

</p>

</section>

<!-- About the Brand -->

<section class="about fade-up">

<h2>About Woven Warmth</h2>

<div class="line-divider"></div>

<p>Woven Warmth is a fashion lookbook brand that celebrates the rich, earthy tones and cozy textures of autumn. Inspired by the season's golden hues, falling leaves, and crisp air, our collections blend timeless elegance with rustic charm, creating outfits that embody the essence of fall. From intricately woven fabrics to layered silhouettes, each piece is crafted to bring warmth and style, reflecting a deep appreciation for nature's seasonal beauty. Rooted in the spirit of autumnal cottagecore and heritage fashion, Woven Warmth invites you to embrace the cozy sophistication of the season with every wear.</p>

```
</section>

<!-- Store Locator -->

<section class="store fade-up">

  <h2>Find a Store</h2>

  <div class="line-divider"></div>

  <div class="store-card">

    <p><strong>Woven Warmth</strong></p>

    <p>123 Fashion Ave, Bengaluru</p>

    <p>Email: info@brand.com</p>

  </div>

</section>


<footer>

  <p>&copy; 2025 Woven Warmth | All Rights Reserved</p>

</footer>


</body>

</html>
```

Sample code 2

css code:

```
/* Fonts & General Styling */

body {

  margin: 0;
```

```
font-family: "Courier New", monospace;

background: #f9f1e7; /* Soft autumn cream */

color: #3a2d26; /* Warm deep brown */

}
```

```
h1, h2 {

font-family: Optima, sans-serif;

letter-spacing: 1.5px;

color: #2f231d;

text-transform: uppercase;

}
```

```
section {

padding: 60px 10%;

}
```

```
/* Line Divider */

.line-divider {

width: 80px;

height: 2px;

background: #a07d5d;

margin: 10px auto 30px auto;

}
```

```
/* Hero Section */

.hero {
```

```
position: relative;
height: 100vh;
background: url('../assets/hero.jpg') center/cover no-repeat fixed;
display: flex;
align-items: center;
justify-content: center;
}
```

```
.overlay {
text-align: center;
background: rgba(255, 240, 225, 0.4);
padding: 20px 40px;
border: 1px solid #d1b193;
backdrop-filter: blur(3px);
}
```

/* Gallery Layout */

```
.grid-gallery {
display: grid;
grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));
gap: 15px;
}
```

```
.gallery-item {
position: relative;
overflow: hidden;
```

```
}
```

```
.grid-gallery img {  
    width: 100%;  
    height: 300px;  
    object-fit: cover;  
    transition: transform 0.4s ease, filter 0.4s ease;  
}
```

```
.grid-gallery img:hover {  
    transform: scale(1.05);  
    filter: brightness(1.1) sepia(0.1);  
}
```

```
/* Heart Button */
```

```
.like-btn {  
    position: absolute;  
    bottom: 10px;  
    right: 10px;  
    cursor: pointer;  
}
```

```
.like-btn input {  
    display: none;  
}
```



```
.heart {  
    width: 24px;  
    height: 24px;  
    background: url("data:image/svg+xml;utf8,<svg xmlns='http://www.w3.org/2000/svg'  
fill='%23ffffff' viewBox='0 0 24 24'><path d='M12 21.35l-1.45-1.32C5.4 15.36 2 12.28 2 8.5 2  
5.42 4.42 3 7.5 3c1.74 0 3.41 0.81 4.5 2.09C13.09 3.81 14.76 3 16.5 3 19.58 3 22 5.42 22 8.5c0  
3.78-3.4 6.86-8.55 11.54L12 21.35z'/></svg>") no-repeat center;  
    background-size: contain;  
    transition: transform 0.3s ease;  
}
```

```
.like-btn input:checked + .heart {  
    background: url("data:image/svg+xml;utf8,<svg xmlns='http://www.w3.org/2000/svg'  
fill='%23ff6f61' viewBox='0 0 24 24'><path d='M12 21.35l-1.45-1.32C5.4 15.36 2 12.28 2 8.5 2  
5.42 4.42 3 7.5 3c1.74 0 3.41 0.81 4.5 2.09C13.09 3.81 14.76 3 16.5 3 19.58 3 22 5.42 22 8.5c0  
3.78-3.4 6.86-8.55 11.54L12 21.35z'/></svg>") no-repeat center;  
    transform: scale(1.2);  
}
```

```
/* Trend Spotlight */
```

```
.trend-items {  
    display: flex;  
    gap: 20px;  
    flex-wrap: wrap;  
}
```

```
.trend-card {  
    flex: 1;
```

```
    min-width: 250px;
    text-align: center;
}
```

```
.image-frame {
    padding: 5px;
    background: #f1e0d0;
    border: 1px solid #c5a78e;
}
```

```
.trend-card img {
    width: 100%;
    height: 500px;
    object-fit: cover;
    transition: transform 0.4s ease;
}
```

```
.trend-card img:hover {
    transform: scale(1.05);
}
```

```
/* About Section */
```

```
.about {
    background: #f3e2d3;
    text-align: center;
    font-size: 1.1rem;
```

```
padding: 80px 15%;  
transition: background 0.4s ease;  
}
```

```
.about:hover {  
    background: #e9d0b9;  
}
```

```
/* Animation Space */  
.animation-space {  
    background: #f8ecdf;  
    text-align: center;  
    padding: 60px 15%;  
}
```

```
/* Store Locator */  
.store-card {  
    background: #d9bfa5;  
    color: #3a2d26;  
    padding: 20px;  
    max-width: 400px;  
    margin: auto;  
    border-radius: 4px;  
    border: 1px solid #a07d5d;  
}
```

```
/* Footer */
```

```
footer {  
    background: #a07d5d;  
    color: #fff;  
    text-align: center;  
    padding: 20px;  
}
```

```
/* Scroll Animations */
```

```
.fade-in, .fade-up {  
    opacity: 0;  
    transform: translateY(20px);  
    animation: reveal 1s forwards;  
}
```

```
.fade-in {  
    animation-delay: 0.3s;  
}
```

```
.fade-up {  
    animation-delay: 0.5s;  
}
```

```
@keyframes reveal {  
    to {  
        opacity: 1;
```

```
        transform: translateY(0);
    }
}
```

```
/* Responsive */
```

```
@media (max-width: 768px) {
    .trend-items {
        flex-direction: column;
    }
}
```

```
/* Falling Leaves Animation */
```

```
.falling-leaves {
    position: absolute;
    top: 0;
    left: 0;
    width: 100%;
    height: 100%;
    pointer-events: none; /* So clicks pass through */
    overflow: hidden;
    z-index: 2; /* Above background, below text */
}
```

```
.falling-leaves .leaf {
    position: absolute;
    top: -10%;
```

```
width: 40px; /* Adjust size if needed */  
animation: fall linear infinite;  
}
```

```
.falling-leaves .leaf:nth-child(1) {  
    left: 10%;  
    animation-duration: 8s;  
    animation-delay: 0s;  
}
```

```
.falling-leaves .leaf:nth-child(2) {  
    left: 25%;  
    animation-duration: 10s;  
    animation-delay: 2s;  
}
```

```
.falling-leaves .leaf:nth-child(3) {  
    left: 50%;  
    animation-duration: 9s;  
    animation-delay: 1s;  
}
```

```
.falling-leaves .leaf:nth-child(4) {  
    left: 70%;  
    animation-duration: 11s;  
    animation-delay: 3s;
```

```
}
```

```
.falling-leaves .leaf:nth-child(5) {
```

```
  left: 85%;
```

```
  animation-duration: 7s;
```

```
  animation-delay: 4s;
```

```
}
```

```
/* Keyframes for falling effect */
```

```
@keyframes fall {
```

```
  0% {
```

```
    transform: translateY(-10%) rotate(0deg);
```

```
    opacity: 1;
```

```
  }
```

```
  50% {
```

```
    transform: translateY(50vh) rotate(180deg);
```

```
    opacity: 0.8;
```

```
  }
```

```
  100% {
```

```
    transform: translateY(100vh) rotate(360deg);
```

```
    opacity: 0;
```

```
  }
```

```
}
```

```
/* Extra Paragraph Section Styling */
```

```
.story {
```

```
background: #f7efe8;
text-align: center;
font-size: 1.1rem;
padding: 60px 15%;
line-height: 1.8;
}
```

```
.story p {
  max-width: 800px;
  margin: auto;
}
```

/* Make the new gallery slightly different for visual variety */

```
.extra-gallery .grid-gallery img {
  border: 3px solid #f0e0d3;
  border-radius: 4px;
}
```

```
body {
  margin: 0;
  font-family: Arial, sans-serif;
  background: #fdf3e7;
}
```

```
.gallery-container {
```



```
    overflow-x: auto; /* horizontal scroll */  
    white-space: nowrap;  
    padding: 20px;  
}
```

```
.gallery {  
    display: flex;  
    gap: 15px;  
}
```

```
.gallery-item {  
    position: relative;  
    width: 300px;  
    flex-shrink: 0;  
    border-radius: 10px;  
    overflow: hidden;  
    cursor: pointer;  
    transition: transform 0.3s ease;  
}
```

```
.gallery-item img {  
    width: 100%;  
    height: 500px;  
    object-fit: cover;  
    display: block;  
    transition: transform 0.3s ease;
```

```
}
```

```
.overlay-text {  
    position: absolute;  
    bottom: 0;  
    background: rgba(0,0,0,0.5);  
    color: white;  
    width: 100%;  
    padding: 10px;  
    font-size: 14px;  
    text-align: center;  
    opacity: 0.8;  
}
```

```
.gallery-item:hover {  
    transform: scale(1.05);  
}
```

```
.gallery-item:hover img {  
    transform: scale(1.1);  
}
```

```
/* Semi-transparent image behind brand name */
```

```
.overlay {  
    position: relative; /* Important so pseudo-element positions correctly */  
    text-align: center;
```

```
background: rgba(255, 240, 225, 0.4);
padding: 20px 40px;
border: 1px solid #d1b193;
backdrop-filter: blur(3px);
z-index: 2;
}
```

```
.overlay::before {
  content: "";
  position: absolute;
  top: 50%;
  left: 50%;
  width: 250px; /* Adjust size */
  height: 250px;
  background: url('assets/#autumn #autumncolors #autumnmood #flowers #fall #fallvibes
#autumnvibes #cozy.jpg') center/cover no-repeat;
  opacity: 0.25; /* Semi-transparent */
  transform: translate(-50%, -50%);
  z-index: -1; /* Keeps it behind the text */
  pointer-events: none; /* Clicks pass through */
}
```

```
/* Heart Like Button */
```

```
.like-btn {
  position: absolute;
  bottom: 10px;
```

```
right: 10px;

cursor: pointer;

z-index: 5;

}
```

```
.like-btn input {

    display: none;

}
```

```
.heart {

    width: 28px;

    height: 28px;

    background: url("data:image/svg+xml;utf8,<svg xmlns='http://www.w3.org/2000/svg'
fill='%23ffffff' viewBox='0 0 24 24'><path d='M12 21.35l-1.45-1.32C5.4 15.36 2 12.28 2 8.5 2
5.42 4.42 3 7.5 3c1.74 0 3.41 0.81 4.5 2.09C13.09 3.81 14.76 3 16.5 3 19.58 3 22 5.42 22 8.5c0
3.78-3.4 6.86-8.55 11.54L12 21.35z'/></svg>") no-repeat center;

    background-size: contain;

    display: block;

    transition: transform 0.3s ease;

}
```

```
/* When Checked (Liked) */
```

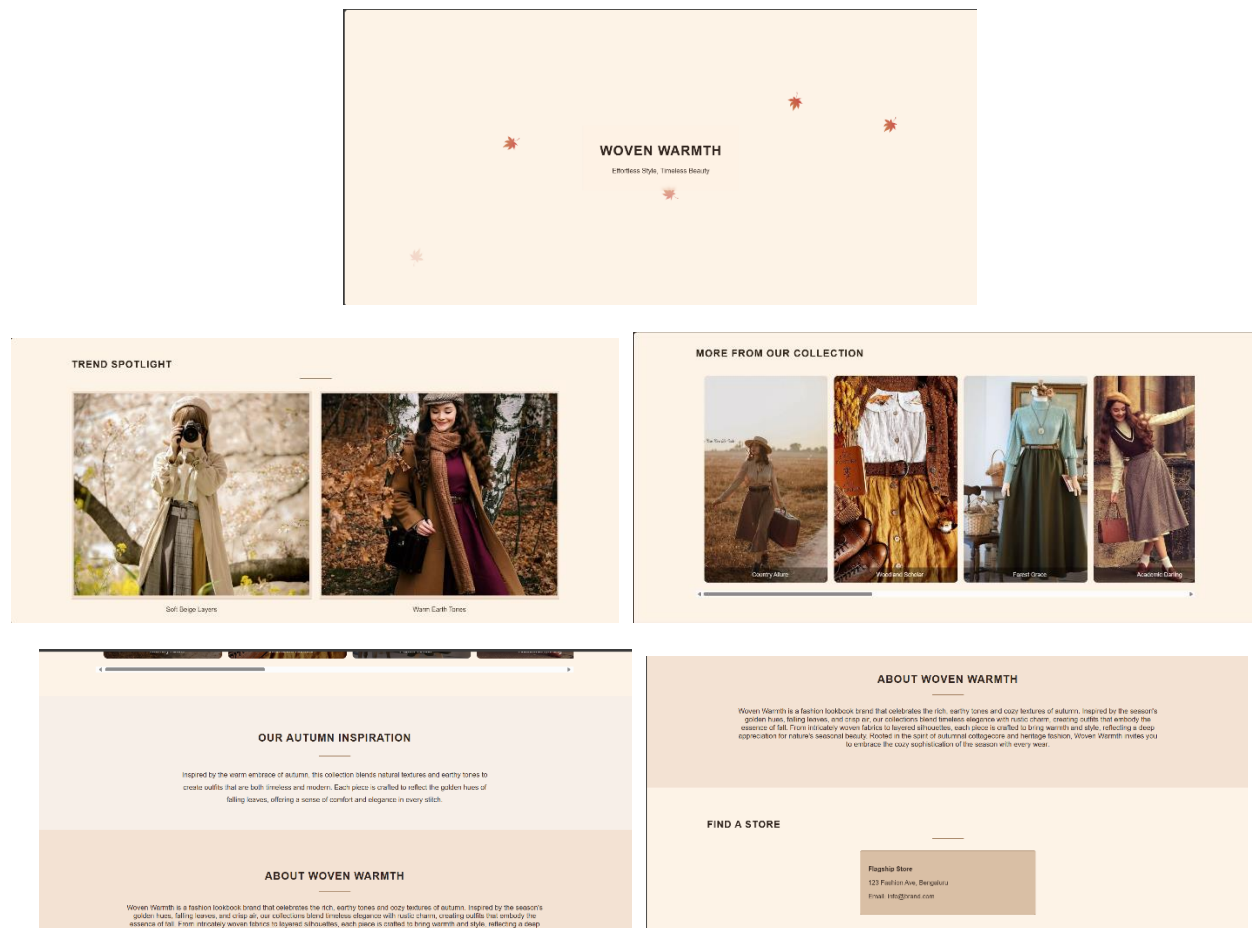
```
.like-btn input:checked + .heart {

    background: url("data:image/svg+xml;utf8,<svg xmlns='http://www.w3.org/2000/svg'
fill='%23ff6f61' viewBox='0 0 24 24'><path d='M12 21.35l-1.45-1.32C5.4 15.36 2 12.28 2 8.5 2
5.42 4.42 3 7.5 3c1.74 0 3.41 0.81 4.5 2.09C13.09 3.81 14.76 3 16.5 3 19.58 3 22 5.42 22 8.5c0
3.78-3.4 6.86-8.55 11.54L12 21.35z'/></svg>") no-repeat center;

    background-size: contain;

    transform:scale(1.2);}
```

13. Screenshots of Final Output



14. Conclusion

The *Autumn Fashion* project successfully presents seasonal trends, outfit inspirations, and style ideas through a clean, responsive front-end design. This mini project helped me strengthen my front-end development skills using only HTML and CSS while exploring the creative aspect of fashion-oriented web layouts. I gained practical insights into responsive design, layout structuring, and color harmony, as well as the importance of user-friendly navigation. The hands-on implementation of design principles also enhanced my understanding of user-centric web design, ensuring the site is both visually appealing and functional across devices.

15. References

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