



K4 CSF3123 WEB-BASED INTERFACE DESIGN

SEM 3

LAB REPORT 7

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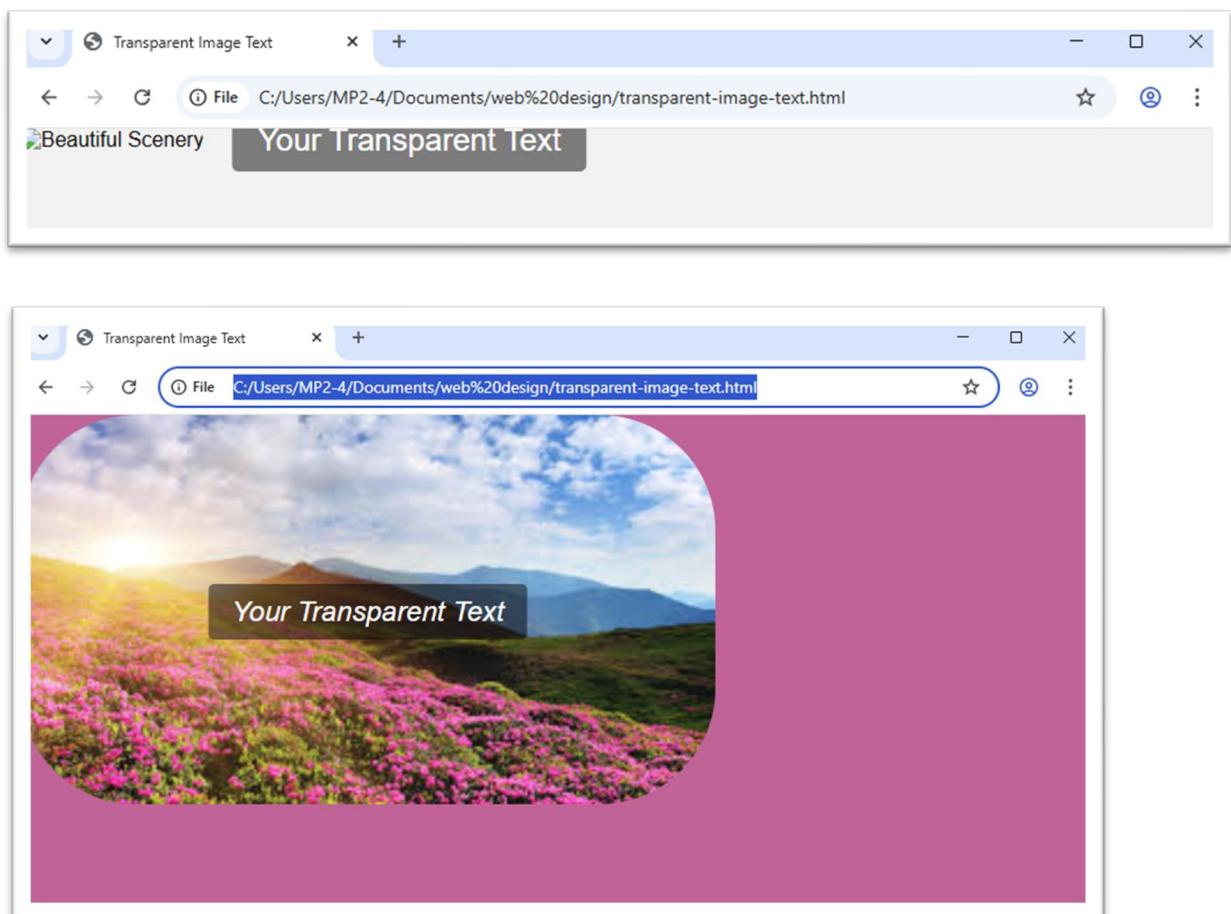
PREPARED BY:

WAN NUR SYAFIQAH IZANI BINTI WAN HIZHAN

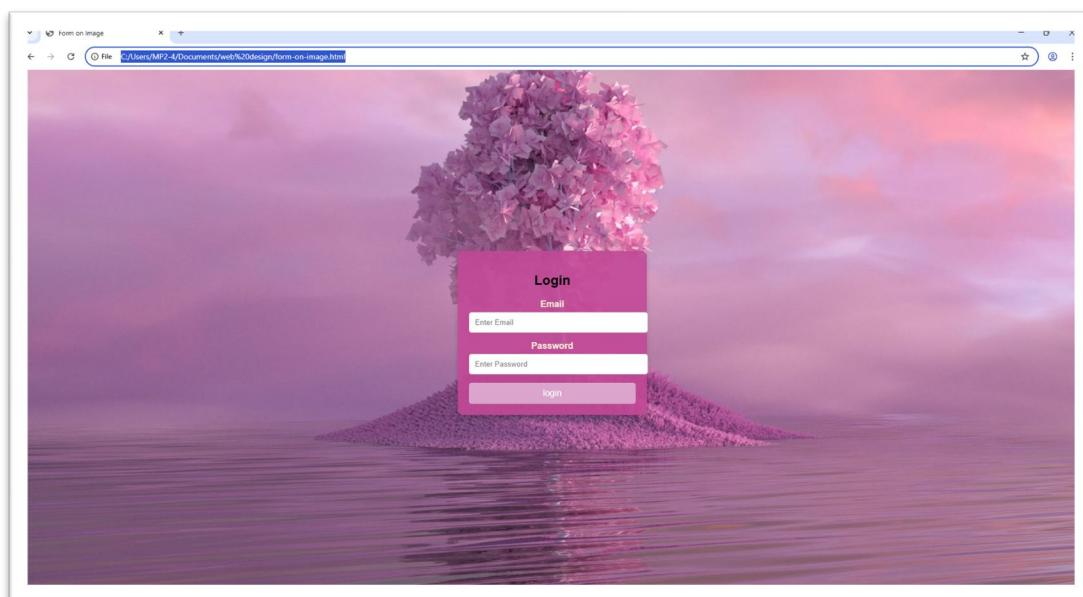
NO. MATRIC: S75776

SUBMIT BY: 16/12/2025

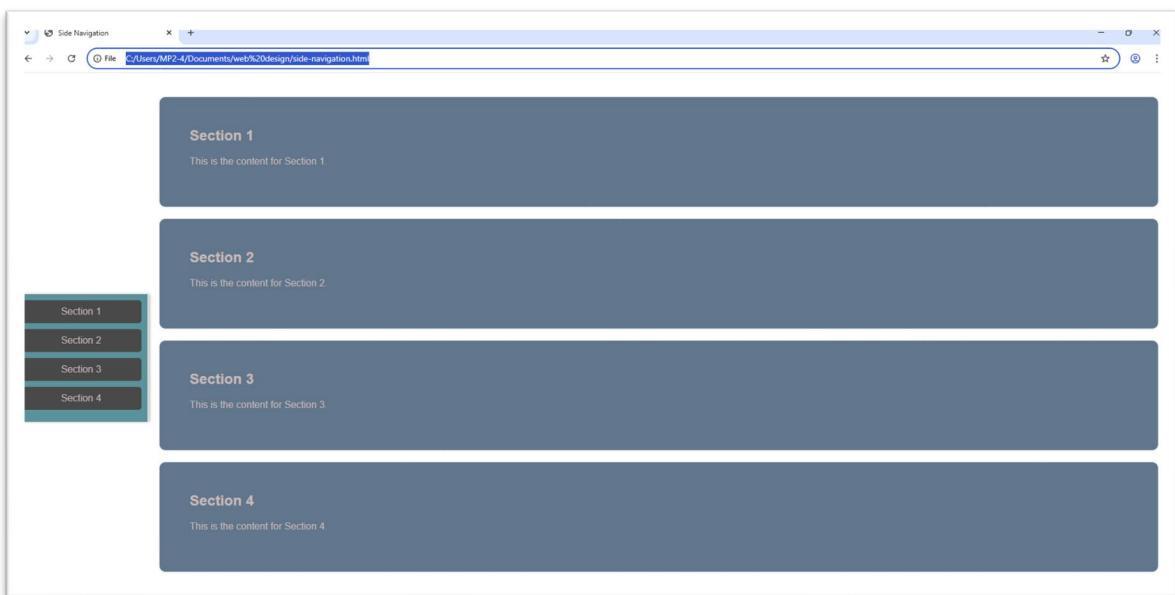
1.1



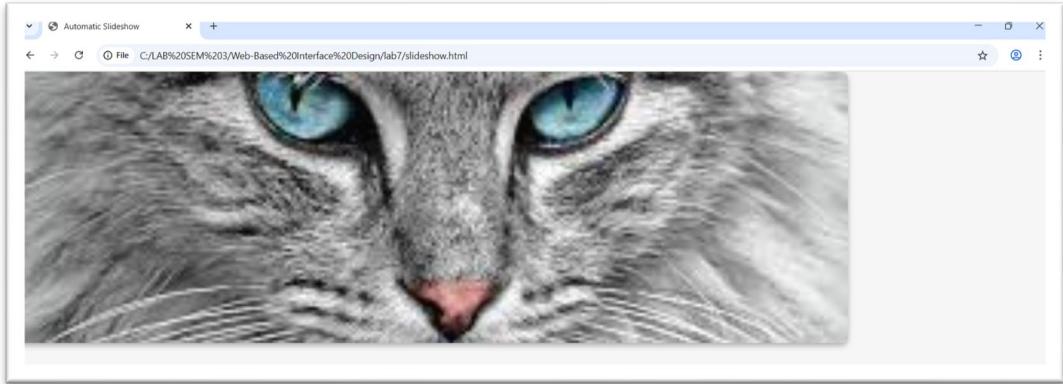
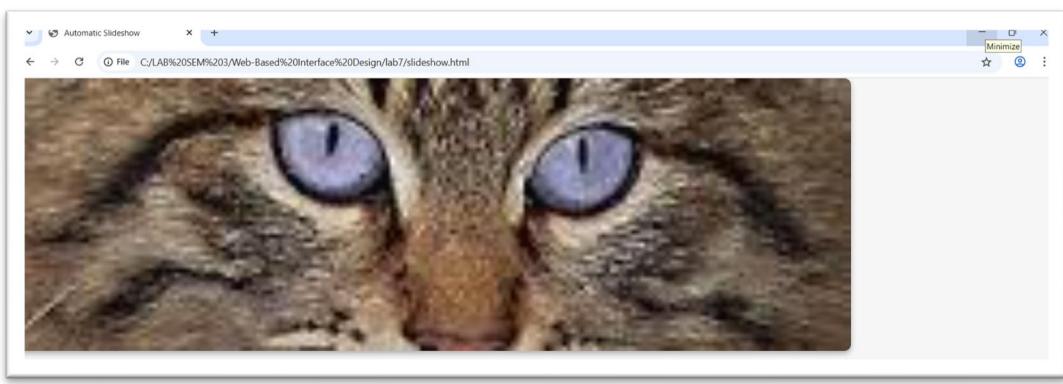
1.2

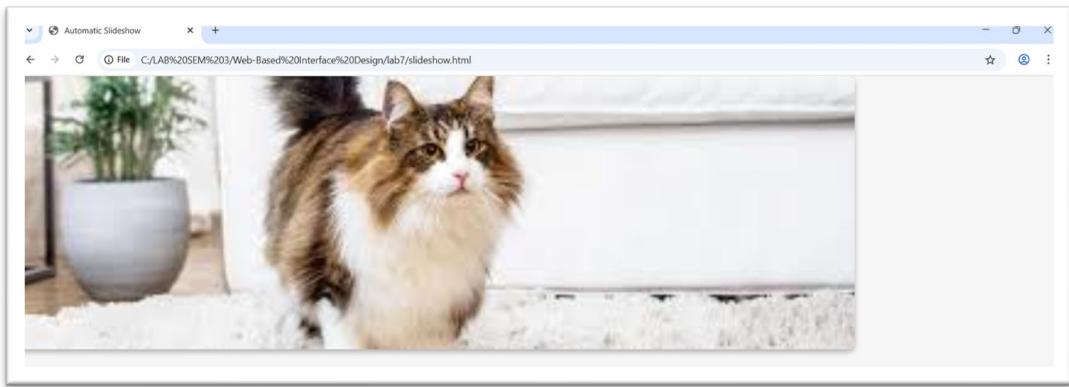


1.3



1.4





1.5

A screenshot of a web browser window titled "User Profile Card". The address bar shows the file path: C:/LAB%20SEM%203/Web-Based%20Interface%20Design/lab7/profile-card.html. The page content includes a circular profile picture of Rowan Atkinson, his name "Rowan Atkinson" in bold, and his titles "CEO & British Sitcom Creator" and "Oxford University". A "Contact" button is at the bottom.

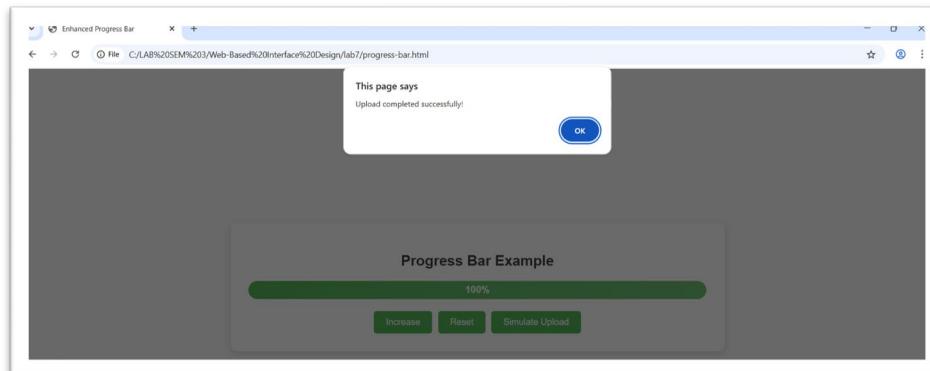
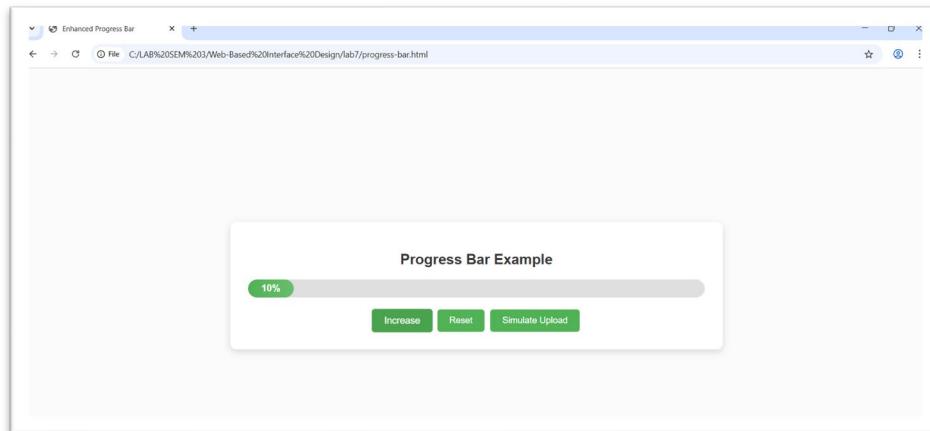
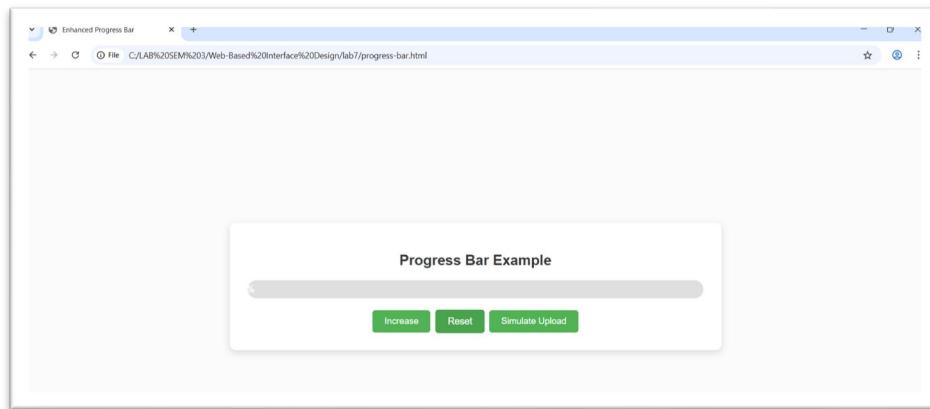
A screenshot of a web browser window titled "User Profile Card". The address bar shows the file path: C:/LAB%20SEM%203/Web-Based%20Interface%20Design/lab7/profile-card.html. The page content includes a circular profile picture of Rabia Soytürk, her name "Rabia Soytürk" in bold, and her titles "Turkish actress" and "Health High School's Nursing Department". A "Contact" button is at the bottom.

1.6

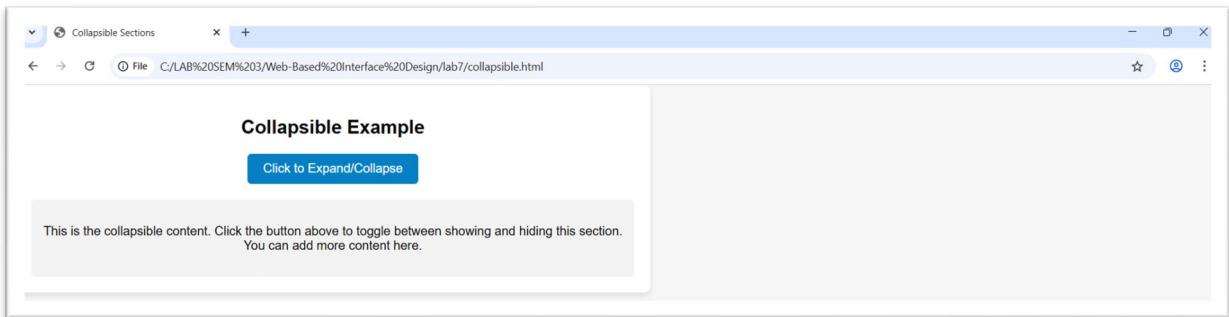
A screenshot of a web browser window titled "Progress Bar". The address bar shows the file path: C:/LAB%20SEM%203/Web-Based%20Interface%20Design/lab7/progress-bar.html. The page content features a heading "Progress Bar Example" and a green button labeled "Increase Progress".



Further Enhancement



1.7



1.8 Lab Exercise

login.html

```
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5      <meta charset="UTF-8">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Ezzanie - cosmetics</title>
8      <link rel="stylesheet" href="login.css">
9  </head>
10
11 <body>
12     <!-- brand header -->
13     <header class="brand-header">
14         <h1>ezzanie.glow</h1>
15     </header>
16
17
18     <!-- login overlay -->
19     <div class="form-container">
20         <h2>Login</h2>
21         <form action="side-navigation.html" method="get">
22             <label for="email">Email</label>
23             <input type="email" id="email" name="email" placeholder="Enter Email" required>
24             <label for="password">Password</label>
25             <input type="password" id="password" name="password" placeholder="Enter Password" required>
26             <button type="submit">Login</button>
27         </form>
28     </div>
29 </div>
30     <script src="script.js"></script>
31 </body>
32
33 </html>
```

login.css

```
1  body {
2      background-image: url('background.jpg');
3      background-size: cover;
4      color: #antiquewhite;
5      background-position: center;
6      background-repeat: no-repeat;
7      font-family: Arial, sans-serif;
8  }
9
10 /* Brand Header */
11 .brand-header {
12     text-align: center;
13     padding: 5px 20px;
14     /* adjust padding */
15     background: #E6E6FA;
16     /* lavender header */
17     color: #d0d06e;
18     /* soft gold text */
19     font-family: 'Arial Black', sans-serif;
20     font-size: 36px;
21     letter-spacing: 2px;
22     box-shadow: 0 4px 6px #rgba(0, 0, 0, 0.1);
23 }
24
25 /* Slideshow Container */
26 .slideshow-container {
27     max-width: 900px;
28     margin: 30px auto;
29     position: relative;
30     /* necessary for absolute overlay */
31 }
32 /* Slides */
33 .slide {
34     display: none;
35     /* hide all slides initially */
36     position: relative;
37 }
38
39 /* Slide Images */
40 .slide-img {
41     width: 100%;
42     height: 400px;
43     object-fit: cover;
44     border-radius: 10px;
45 }
```

```

48 .slide-text {
49   position: absolute;
50   bottom: 20px;
51   left: 20px;
52   color: #fff0f5;
53   font-size: 24px;
54   background: rgba(255, 182, 193, 0.7);
55   padding: 10px;
56   border-radius: 5px;
57 }
58
59 /* Login Form Overlay */
60 .form-container {
61   position: absolute;
62   /* overlay on slideshow */
63   top: 50%;
64   left: 50%;
65   transform: translate(-50%, -50%);
66   /* center perfectly */
67   background-color: rgba(240, 240, 240, 0.95);
68   /* semi-transparent for soft overlay */
69   padding: 30px;
70   border-radius: 10px;
71   box-shadow: 0 4px 15px rgba(0, 0, 0, 0.2);
72   width: 300px;
73   text-align: center;
74   z-index: 10;
75   /* ensures it sits above slides */
76 }
77
78 /* Login Form Text & Inputs */
79 .form-container h2 {
80   margin-bottom: 20px;
81   color: #d0d0e;
82   /* match header gold */
83 }
84
85 .form-container label {
86   display: block;
87   font-weight: bold;
88   margin-bottom: 5px;
89   color: #333;
90   /* readable on light background */
91 }
92

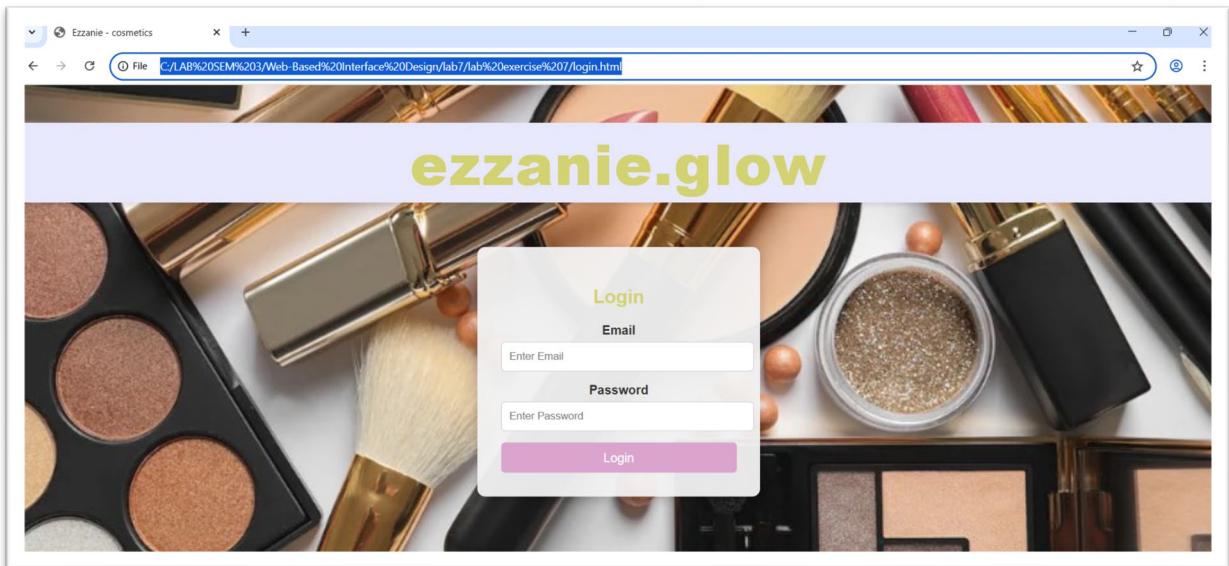
```

```

93 .form-container input {
94   width: 100%;
95   padding: 10px;
96   margin-bottom: 15px;
97   border: 1px solid #ccc;
98   border-radius: 5px;
99 }
100
101 .form-container button {
102   width: 100%;
103   padding: 10px;
104   background-color: #d8a1cc;
105   /* soft pastel purple */
106   color: white;
107   border: none;
108   border-radius: 5px;
109   font-size: 16px;
110   cursor: pointer;
111 }
112
113 .form-container button:hover {
114   background-color: #db055f;
115   /* hover effect */
116 }
117
118 /* Responsive */
119 @media (max-width: 768px) {
120   .form-container {
121     width: 90%;
122   }
123 }

```

Login page



Side-navigation.html

```

1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5      <meta charset="UTF-8">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Ezzanie - cosmetics</title>
8      <link rel="stylesheet" href="navigation.css">
9  </head>
10 <body>
11     <div class="side-nav">
12         <a href="#FeaturedProducts.html">Featured Products</a>
13         <a href="#ProductInsights.html">Product Insights</a>
14         <a href="#AboutBrand.html">About the Brand</a>
15     </div>
16     </div>
17     <div class="content">
18         <section id="Featured Products" onclick="location.href='FeaturedProducts.html';" style="cursor:pointer;">
19             <h2>Featured Products</h2>
20             <p>Check out our best-selling cosmetics!</p>
21         </section>
22         <section id="Product Insights" onclick="location.href='ProductInsight.html';" style="cursor:pointer;">
23             <h2>Product Insights</h2>
24             <p>Click here to explore detailed product stats and information.</p>
25         </section>
26         <section id="About the Brand" onclick="location.href='BrandProfile.html';" style="cursor:pointer;">
27             <h2>About the Brand</h2>
28             <p>Click here to learn more about Ezzanie Touch.</p>
29         </section>
30     </div>
31 </div>
32 </body>
33
34 </html>
```

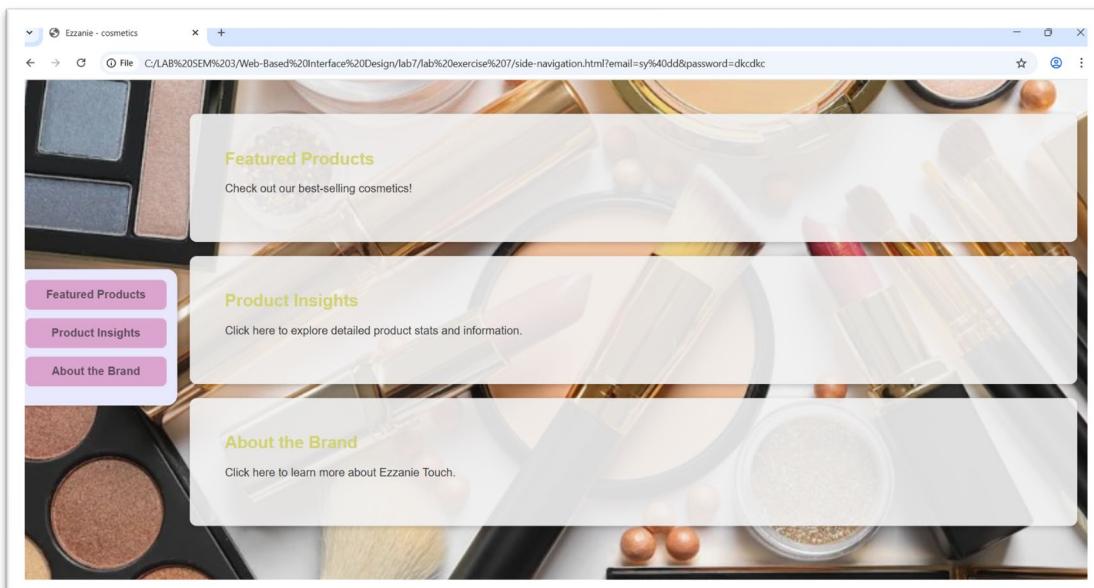
Navigation.css

```

1  body {
2    background-image: url('background.jpg');
3    background-size: cover;
4    background-position: center;
5    background-repeat: no-repeat;
6    font-family: Arial, sans-serif;
7  }
8  /* Side Navigation */
9 .side-nav {
10   position: fixed;
11   top: 50%;
12   left: 0;
13   transform: translateY(-50%);
14   width: 200px;
15   background-color: #E6E6FA; /* lavender like header */
16   padding: 15px;
17   box-shadow: 2px 0 8px rgba(0, 0, 0, 0.3);
18   border-radius: 0 15px 15px 0;
19 }
20 /* Navigation links */
21 .side-nav a {
22   display: block;
23   color: #5c4a5a; /* soft dark text */
24   text-decoration: none;
25   padding: 12px;
26   margin-bottom: 12px;
27   background-color: #d8aicc; /* same as login button */
28   text-align: center;
29   border-radius: 8px;
30   font-weight: bold;
31   transition: background-color 0.3s ease, transform 0.2s;
32 }
33 /* Hover effect */
34 .side-nav a:hover {
35   background-color: #db05f; /* same hover as login */
36   color: white;
37   transform: translateX(5px);
38 }
39 /* Page content */
40 .content {
41   margin-left: 220px;
42   padding: 20px;
43 }
44 /* Sections */
45 section {
46   padding: 50px;
47   margin: 20px 0;
48   background-color: #rgba(240, 240, 240, 0.9); /* same soft card feel */
49   border-radius: 10px;
50   box-shadow: 0 2px 8px rgba(0, 0, 0, 0.2);
51   color: #333;
52 }
53 section h2 {
54   margin-top: 0;
55   color: #d8aicc; /* soft gold heading */
56 }
57 /* Smooth scrolling */
58 html {
59   scroll-behavior: smooth;
60 }
61

```

Navigation Page



FeaturedProduct.html

```
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5      <meta charset="UTF-8">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Ezzanie - cosmetics</title>
8      <link rel="stylesheet" href="FeaturedProducts.css">
9  </head>
10
11 <body>
12     <!-- brand header -->
13     <header class="brand-header">
14         <h1>ezzanie.glow</h1>
15     </header>
16
17     <!-- slideshow image -->
18     <div class="slideshow-container">
19         <div class="slide fade">
20             
21             <div class="slide-text">Ezzanie.Touch Blusher</div>
22         </div>
23         <div class="slide fade">
24             
25             <div class="slide-text">Ezzanie.Touch Eyeshadow</div>
26         </div>
27         <div class="slide fade">
28             
29             <div class="slide-text">Ezzanie.Touch Foundation</div>
30         </div>
31         <div class="slide fade">
32             
33             <div class="slide-text">Ezzanie.Touch Lip Matte</div>
34         </div>
35     </div>
36
37     <script src="FeaturedProducts.js"> </script>
38
39 </body>
</html>
```

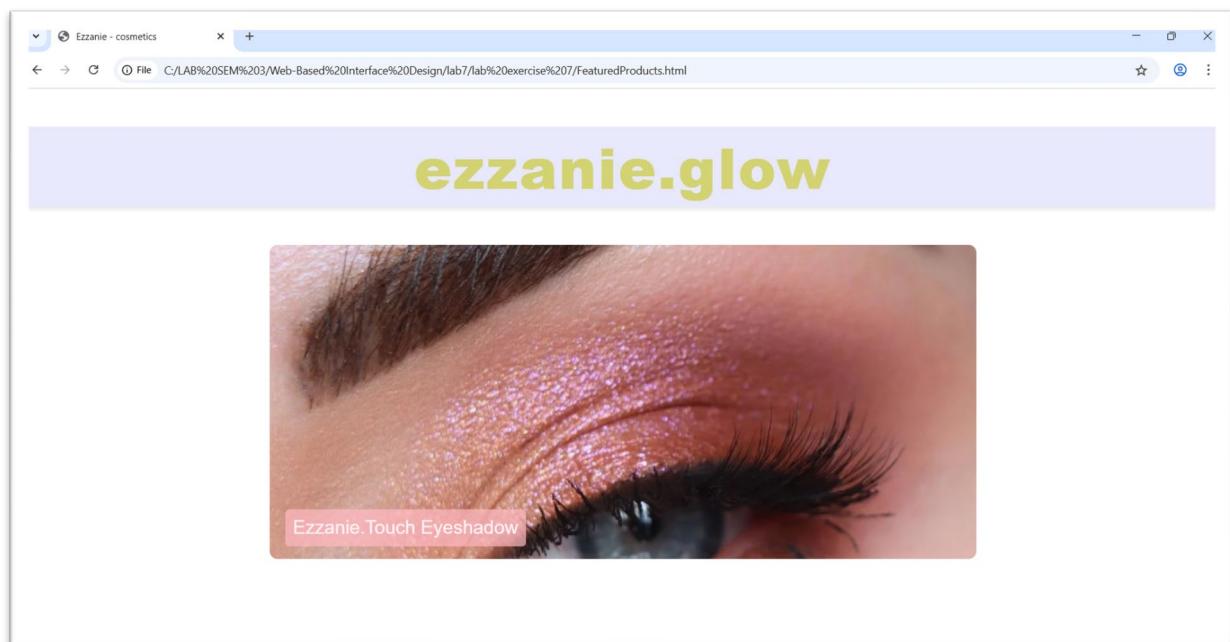
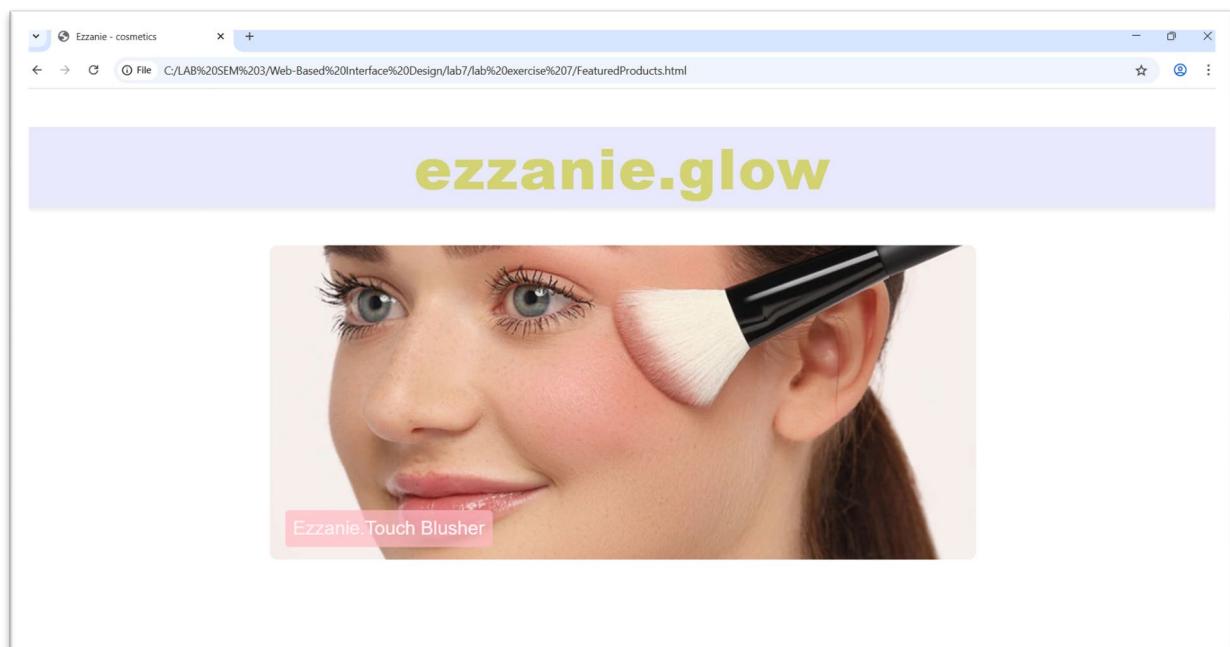
FeaturedProduct.css

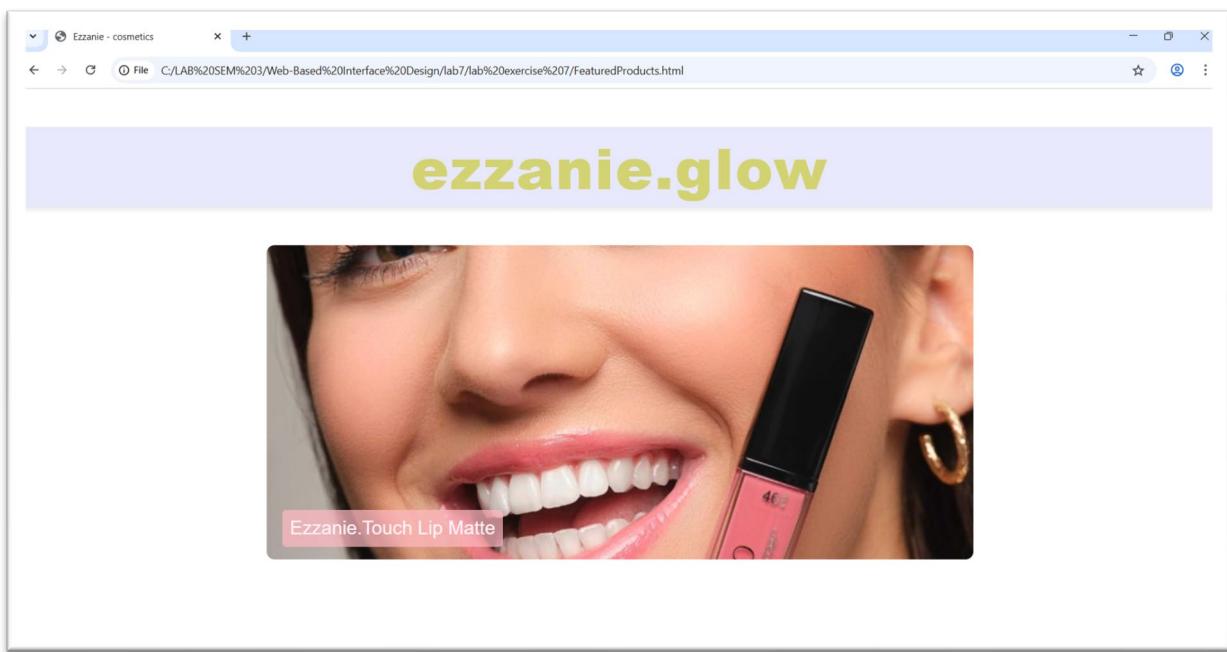
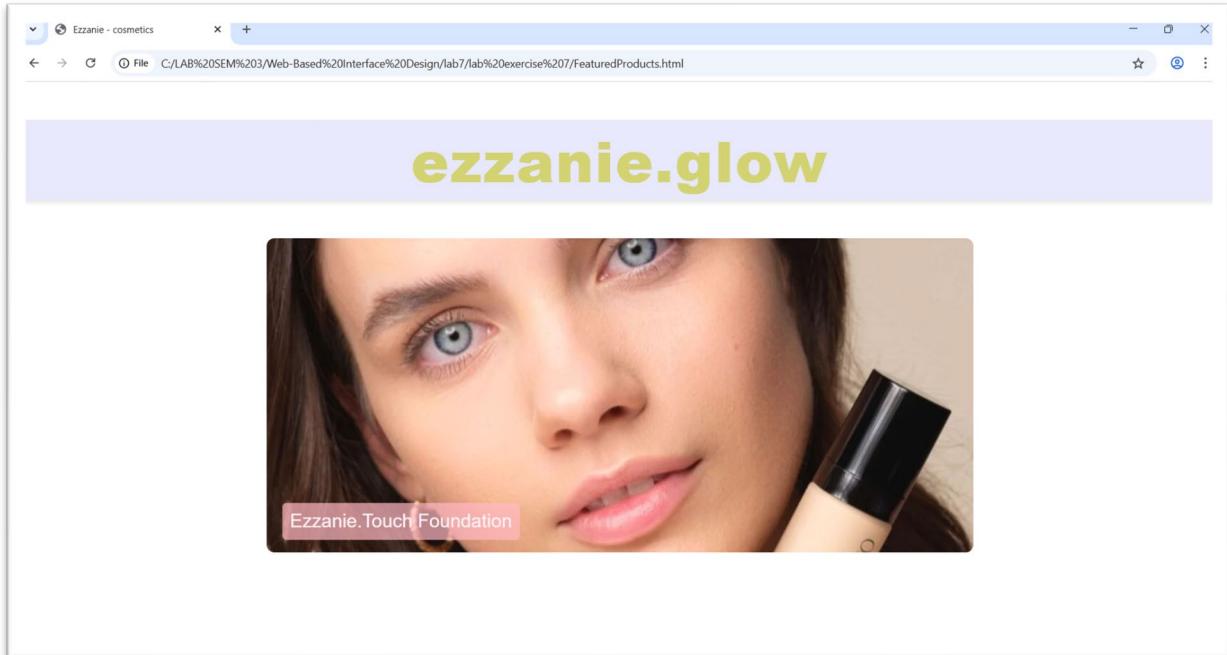
```
1 body {
2     background-size: cover;
3     color: #antiquewhite;
4     background-position: center;
5     background-repeat: no-repeat;
6     font-family: Arial, sans-serif;
7 }
8
9 /* Brand Header */
10 .brand-header {
11     text-align: center;
12     padding: 5px 20px;
13     /* adjust padding */
14     background: #ebeef4;
15     /* lavender header */
16     color: #d8d8dc;
17     /* soft gold text */
18     font-family: 'Arial Black', sans-serif;
19     font-size: 36px;
20     letter-spacing: 2px;
21     box-shadow: 0 4px 6px #rgba(0, 0, 0, 0.1);
22 }
23
24 /* Slideshow Container */
25 .slideshow-container {
26     max-width: 960px;
27     margin: 30px auto;
28     position: relative;
29     /* necessary for absolute overlay */
30 }
31
32 /* Slides */
33 .slide {
34     display: none;
35     /* hide all slides initially */
36     position: relative;
37 }
38
39 /* Slide Images */
40 .slide-img {
41     width: 100%;
42     height: 400px;
43     object-fit: cover;
44     border-radius: 10px;
45 }
46
47 /* Slide Text Overlay */
48 .slide-text {
49     position: absolute;
50     bottom: 20px;
51     left: 20px;
52     color: #ffff00;
53     font-size: 24px;
54     background: #rgba(255, 182, 193, 0.7);
55     padding: 10px;
56     border-radius: 5px;
57 }
58
59 /* Login Form Overlay */
60 .form-container {
61     position: absolute;
62     /* overlay on slideshow */
63     top: 50%;
64     left: 50%;
65     transform: translate(-50%, -50%);
66     /* center perfectly */
67     background-color: #rgba(240, 240, 240, 0.95);
68     /* semi-transparent for soft overlay */
69     padding: 30px;
70     border-radius: 10px;
71     box-shadow: 0 4px 15px #rgba(0, 0, 0, 0.2);
72     width: 300px;
73     text-align: center;
74     z-index: 10;
75     /* ensures it sits above slides */
76 }
```

featuredProduct.js

```
1 let slideIndex = 0;
2
3 function showSlides() {
4     let slides = document.getElementsByClassName("slide");
5
6     // Hide all slides
7     for (let i = 0; i < slides.length; i++) {
8         slides[i].style.display = "none";
9     }
10    // Increment the slide index
11    slideIndex++;
12
13    // Reset to the first slide if the index exceeds the number of slides
14    if (slideIndex > slides.length) {
15        slideIndex = 1;
16    }
17    // Display the current slide
18    slides[slideIndex - 1].style.display = "block";
19    // Call this function again after 3 second
20    setTimeout (showSlides, 3000);
21}
22 // Initialize the slideshow
23 showSlides();
```

Featured Products Page





ProductInsight.html

```
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5      <meta charset="UTF-8">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Ezzanie - cosmetics</title>
8      <link rel="stylesheet" href="ProductInsight.css">
9  </head>
10
11 <body>
12     <div class="container">
13         <h2>Product Details</h2>
14
15         <button class="collapsible">Click to View Products</button>
16         <div class="content">
17             <ul>
18                 <li><a href="eyeshadow.html" target="_blank">Eyeshadow</a></li>
19                 <li><a href="blusher.html" target="_blank">Blusher</a></li>
20                 <li><a href="foundation.html" target="_blank">Foundation</a></li>
21                 <li><a href="lipmatte.html" target="_blank">Lip Matte</a></li>
22             </ul>
23         </div>
24     </div>
25
26     <div class="container">
27         <h2>Product Stock</h2>
28         <div class="progress-container">
29             <div class="progress-bar" id="progress-bar">
30                 <span id="progress-text">0%</span>
31             </div>
32         </div>
33
34         <div class="buttons">
35             <button id="increase-progress">Increase Stock</button>
36             <button id="reset-progress">Reset Stock</button>
37             <button id="simulate-progress">Simulate Stock</button>
38         </div>
39     </div>
40
41     <script src="ProductInsight.js"></script>
42 </body>
43
44 </html>
```

productInsight.css

```
1 body {
2     background-image: url('background.jpg');
3     background-size: cover;
4     color: #ffb6c1; /* soft pink text for body */
5     background-position: center;
6     background-repeat: no-repeat;
7     font-family: Arial, sans-serif;
8 }
9
10 /* Containers */
11 .container {
12     max-width: 600px;
13     margin: 20px auto;
14     background-color: #rgba(255, 240, 245, 0.95); /* light pinkish background */
15     padding: 20px;
16     border-radius: 15px;
17     box-shadow: 0 4px 15px #rgba(0,0,0,0.2);
18 }
19
20 /* Collapsible Button */
21 .collapsible {
22     background-color: #ff8fb1; /* pastel pink */
23     color: #fff0f5; /* light pink text */
24     cursor: pointer;
25     padding: 12px;
26     width: 100%;
27     border: none;
28     border-radius: 8px;
29     font-size: 16px;
30     text-align: left;
31     margin-bottom: 10px;
32     transition: background 0.3s;
33 }
34
35 .collapsible:hover {
36     background-color: #ff69b4; /* deeper pink on hover */
37 }
38
39 .collapsible:after {
40     content: '+';
41     float: right;
42 }
43
```

```
44 .collapsible.active:after {
45     content: '-';
46 }
47
48 /* Collapsible Content */
49 .content {
50     display: none;
51     padding: 15px;
52     border-radius: 5px;
53     background-color: #rgba(255, 182, 193, 0.9); /* light pink overlay */
54 }
55
56 .content ul {
57     list-style: none;
58     padding-left: 0;
59 }
60
61 .content ul li {
62     margin-bottom: 10px;
63 }
64
65 .content ul li a {
66     text-decoration: none;
67     color: #c71585; /* medium pink/dark pink text */
68     font-weight: bold;
69     transition: color 0.3s, transform 0.2s;
70 }
71
72 .content ul li a:hover {
73     color: #ff1493; /* bright pink on hover */
74     transform: scale(1.05);
75 }
76
77 /* Progress Bar */
78 .progress-container {
79     width: 100%;
80     background-color: #rgba(255, 182, 193, 0.5); /* light pink container */
81     border-radius: 10px;
82     height: 25px;
83     margin-bottom: 15px;
84 }
85
```

```

77  /* Progress Bar */
78  .progress-container {
79      width: 100%;
80      background-color: #rgba(255, 182, 193, 0.5); /* light pink container */
81      border-radius: 10px;
82      height: 25px;
83      margin-bottom: 15px;
84  }
85
86  .progress-bar {
87      width: 0%;
88      height: 100%;
89      background-color: #ff69b4; /* bright pink progress */
90      border-radius: 10px;
91      text-align: center;
92      color: white;
93      font-weight: bold;
94      transition: width 0.5s;
95  }
96
97  /* Buttons */
98  .buttons button {
99      background-color: #ff8fb1; /* pastel pink button */
100     color: white;
101     border: none;
102     padding: 10px 15px;
103     border-radius: 8px;
104     margin-right: 10px;
105     cursor: pointer;
106     transition: background 0.3s;
107  }
108
109 .buttons button:hover {
110     background-color: #ff1493; /* bright pink on hover */
111 }

```

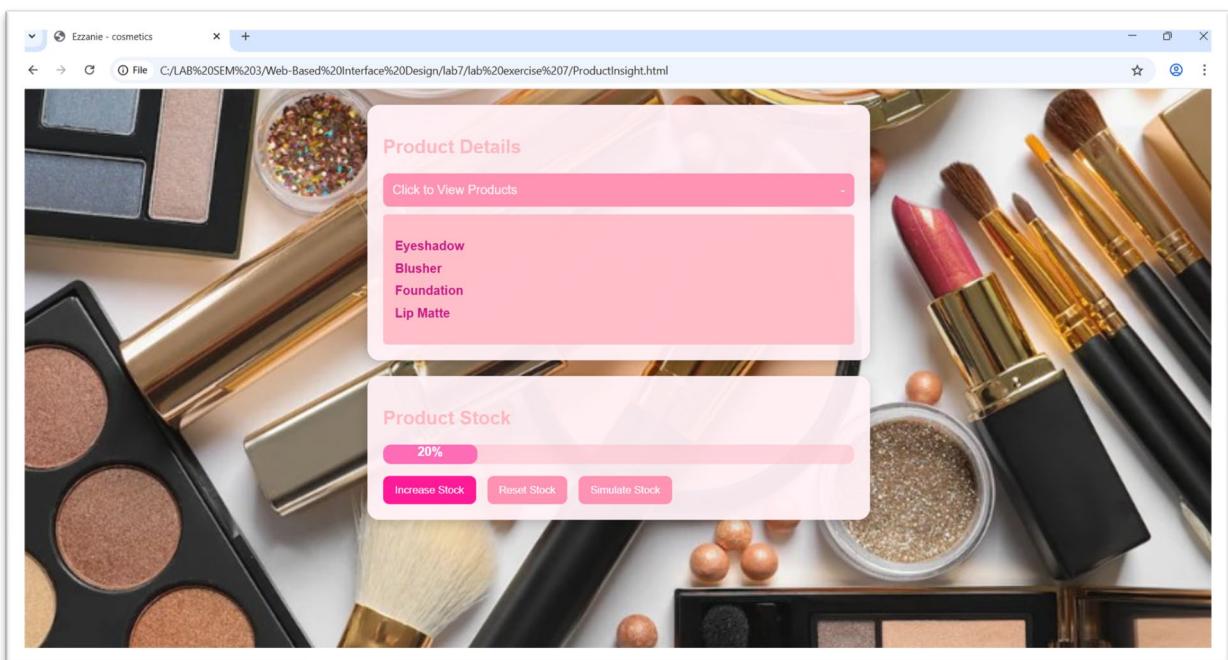
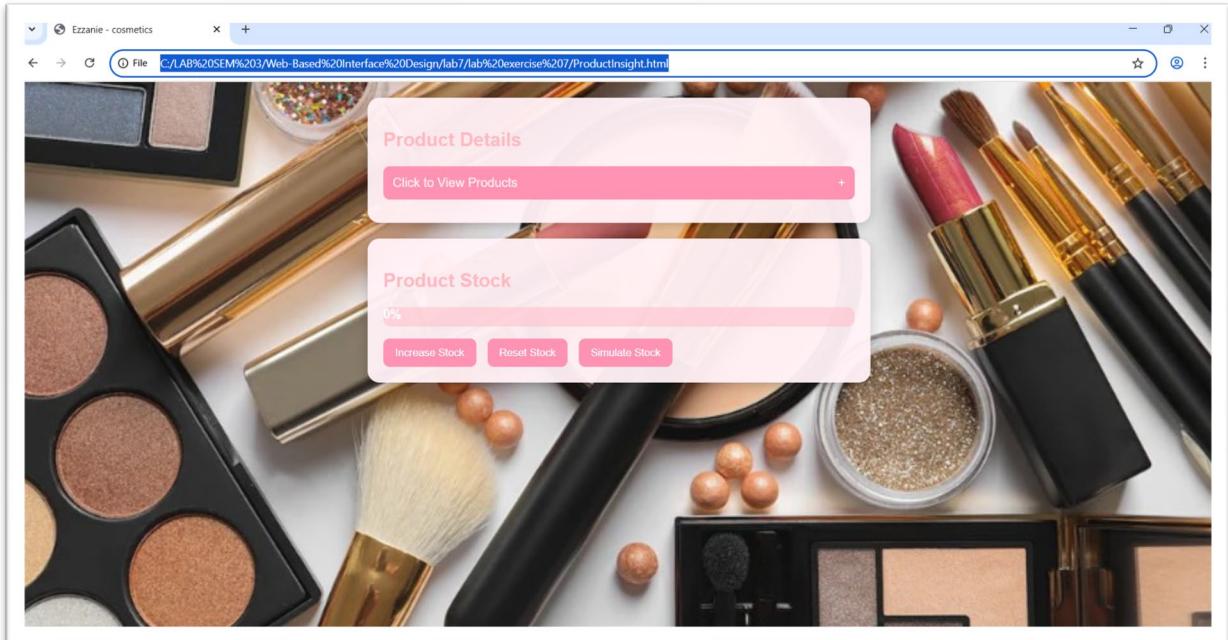
productInsight.js

```

1 // Collapsible Section
2 const coll = document.getElementsByClassName("collapsible");
3 for (let i = 0; i < coll.length; i++) {
4     coll[i].addEventListener("click", function () {
5         this.classList.toggle("active");
6         let content = this.nextElementSibling;
7         if (content.style.display === "block") {
8             content.style.display = "none";
9         } else {
10            content.style.display = "block";
11        }
12    });
13 }
14
15 // Progress Bar
16 let progress = 0;
17 const progressBar = document.getElementById("progress-bar");
18 const progressText = document.getElementById("progress-text");
19
20 document.getElementById("increase-progress").addEventListener("click", () => {
21     if (progress < 100) progress += 10;
22     progressBar.style.width = progress + "%";
23     progressText.textContent = progress + "%";
24 });
25
26 document.getElementById("reset-progress").addEventListener("click", () => {
27     progress = 0;
28     progressBar.style.width = "0%";
29     progressText.textContent = "0%";
30 });
31
32 document.getElementById("simulate-progress").addEventListener("click", () => {
33     progress = 0;
34     progressBar.style.width = "0%";
35     progressText.textContent = "0%";
36     let interval = setInterval(() => {
37         if (progress >= 100) clearInterval(interval);
38         else {
39             progress++;
40             progressBar.style.width = progress + "%";
41             progressText.textContent = progress + "%";
42         }
43     }, 30);
44 });
45

```

Product Insight



BrandProfile.html

```
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5      <meta charset="UTF-8">
6      <meta name="viewport" content="width=device-width,
7      initial-scale=1.0">
8      <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.
9      <title>Ezzanie - cosmetics</title>
10     <link rel="stylesheet" href="BrandProfile.css">
11 </head>
12
13 <body>
14     <div class="profile-card">
15         <div class="card-header">
16             |   <h2>Ezzanie Glow</h2>
17         </div>
18         
19         <h3 class="profile-name">Ezzanie Touch</h3>
20         <p class="profile-title">Cosmetics Brand</p>
21         <p class="profile-mission">"Glow naturally, shine confidently."</p>
22         <div class="social-links">
23             </div>
24             <a href="https://www.instagram.com/zn.raws" target="_blank">
25                 <button class="contact-btn">
26                     |   <i class="fa-brands fa-instagram"></i> Follow on Instagram
27                 </button>
28             </a>
29         </div>
30     </div>
31
32 </html>
```

BrandProfile.css

```
1  body {
2      margin: 0;
3      font-family: Arial, sans-serif;
4      background-image: url('background.jpg');
5      background-size: cover;
6      background-position: center;
7      background-repeat: no-repeat;
8      display: flex;
9      justify-content: center;
10     align-items: center;
11     height: 100vh;
12 }
13
14 /* Profile Card Container */
15 .profile-card {
16     width: 300px;
17     background: #rgba(240, 240, 240, 0.95); /* soft translucent card like login */
18     border-radius: 15px;
19     box-shadow: 0 8px 20px #rgba(0, 0, 0, 0.2);
20     text-align: center;
21     padding: 20px;
22 }
23
24 /* Card Header */
25 .card-header h2 {
26     font-size: 22px;
27     color: #d0d0e; /* soft gold heading like login */
28     margin: 0 0 20px;
29 }
30
31 /* Profile Image */
32 .profile-image {
33     width: 120px;
34     height: 120px;
35     border-radius: 50%;
36     margin: 0 auto;
37     object-fit: cover;
38     border: 3px solid #d8a1cc; /* pastel purple border like login button */
39 }
40
```

```
41 /* Profile Name */
42 .profile-name {
43   font-size: 20px;
44   font-weight: bold;
45   color: #5c4a5a; /* soft dark text matching login labels */
46   margin: 15px 0 5px;
47 }
48
49 /* Profile Title / Role */
50 .profile-title {
51   font-size: 14px;
52   color: #9C7AA5; /* soft lavender/mauve */
53   margin-bottom: 5px;
54 }
55
56 /* Optional text (like education or mission) */
57 .profile-education {
58   font-size: 14px;
59   color: #333;
60   margin-bottom: 15px;
61 }
62
63 /* Social Links */
64 .social-links {
65   margin: 15px 0;
66 }
67
68 .social-links a {
69   text-decoration: none;
70   font-size: 20px;
71   color: #d8a1cc; /* pastel purple like button */
72   margin: 0 10px;
73   transition: color 0.3s ease, transform 0.3s;
74 }
75
76 .social-links a:hover {
77   color: #db055f; /* hover pink like login button */
78   transform: scale(1.1);
79 }
80
81 /* Contact Button */
82 .contact-btn {
83   background: #d8a1cc; /* pastel purple like login button */
84   color: #fff;
85   border: none;
86   padding: 10px 20px;
87   border-radius: 8px;
88   font-size: 14px;
89   cursor: pointer;
90   transition: background 0.3s ease, transform 0.3s;
91 }
92
93 .contact-btn:hover {
94   background: #db055f; /* hover pink like login button */
95   transform: scale(1.05);
96 }
97
```

Brand Profile Page

