



K4 CSF3123 WEB-BASED INTERFACE DESIGN

SEM 3

LAB REPORT 7

PREPARED FOR:

ASSOC. PROF. TS. DR. WAN NURAL JAWAHIR

LAB ASSISTANT:

MISS WAN FATIN FATIHAH

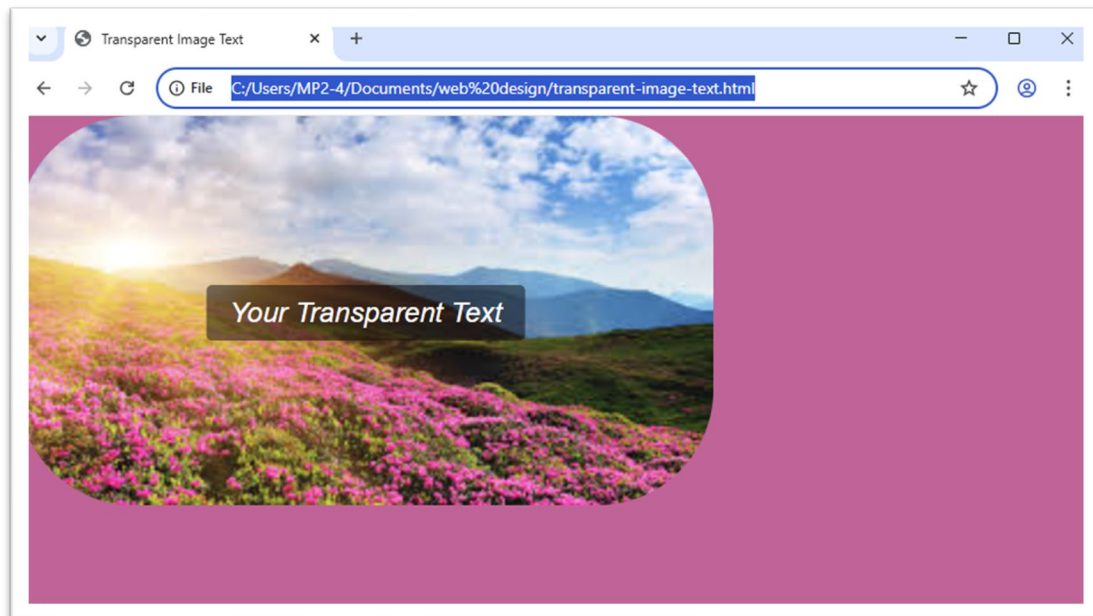
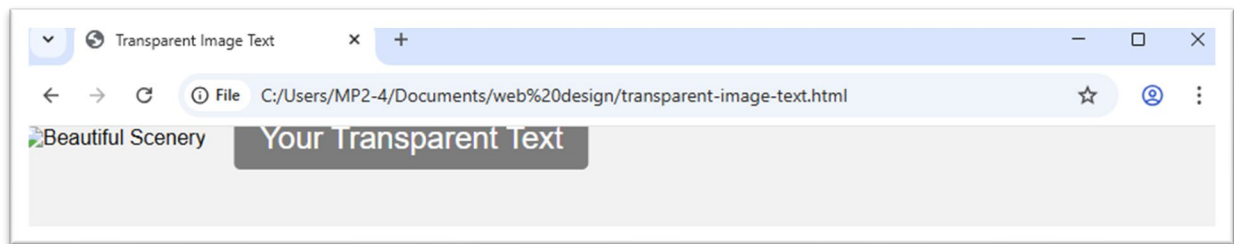
PREPARED BY:

WAN NUR SYAFIQAH IZANI BINTI WAN HIZHAN

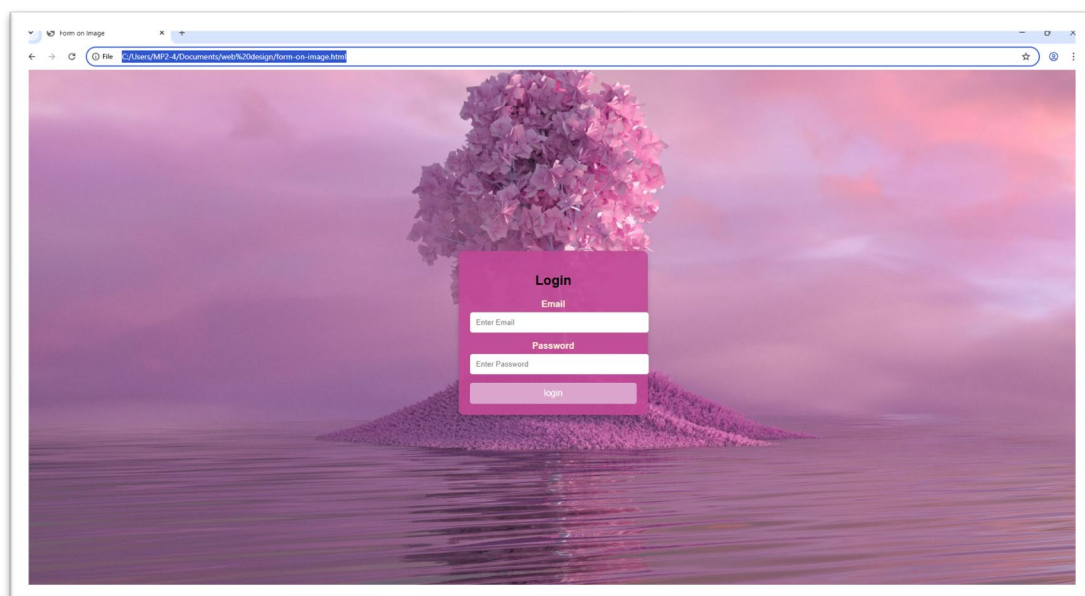
NO. MATRIC: S75776

SUBMIT BY: 16/12/2025

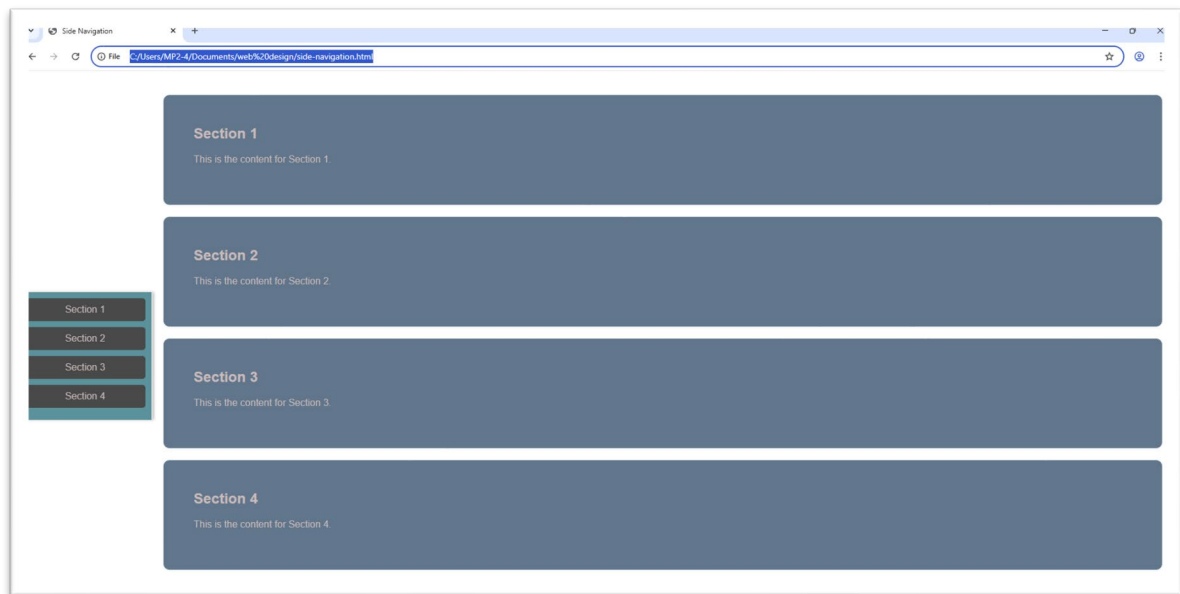
1.1



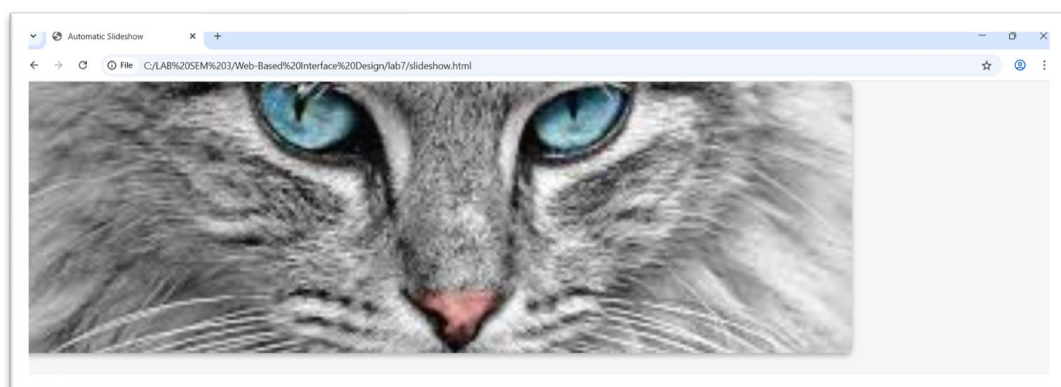
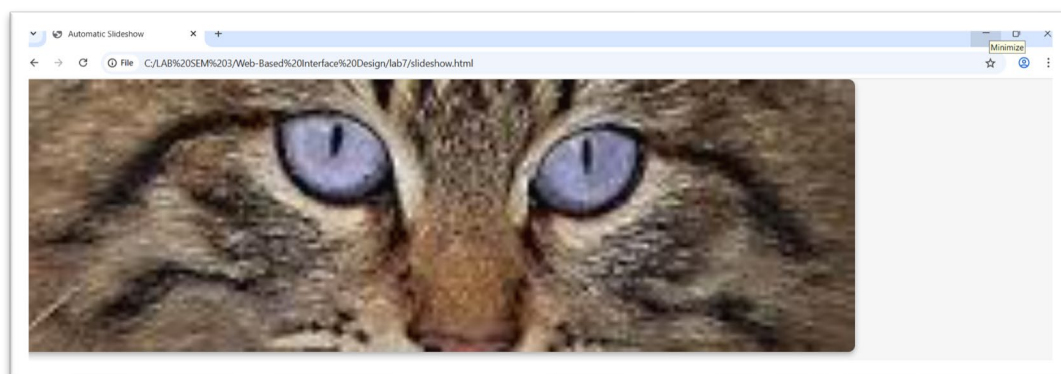
1.2



1.3

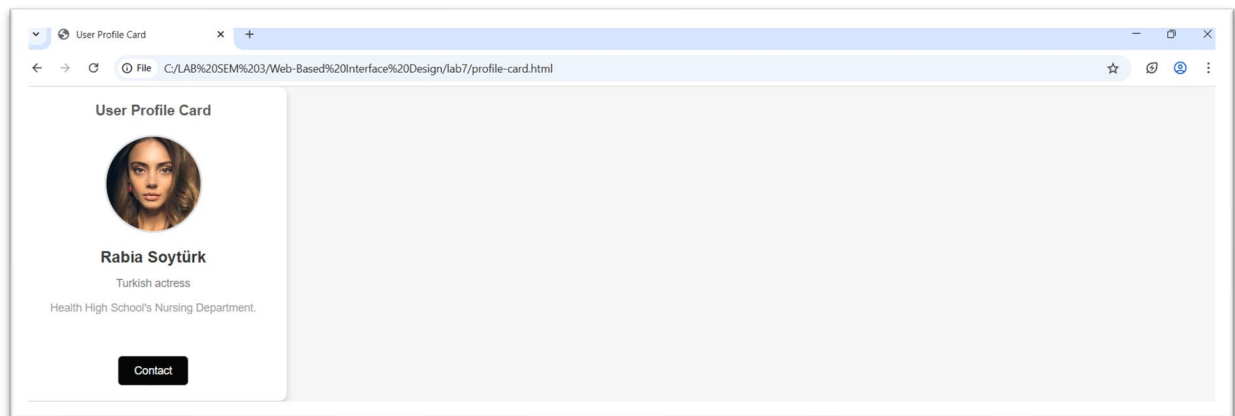
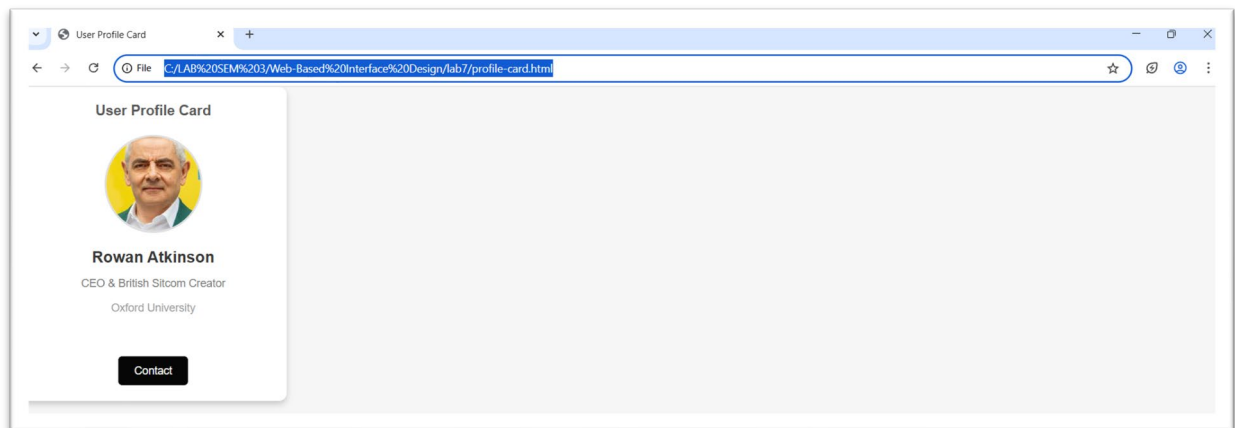


1.4



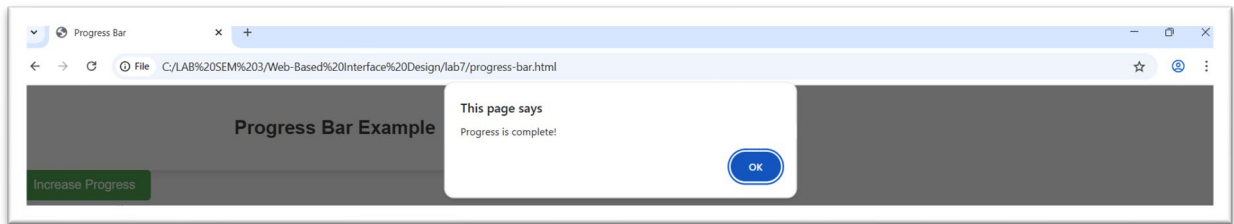


1.5

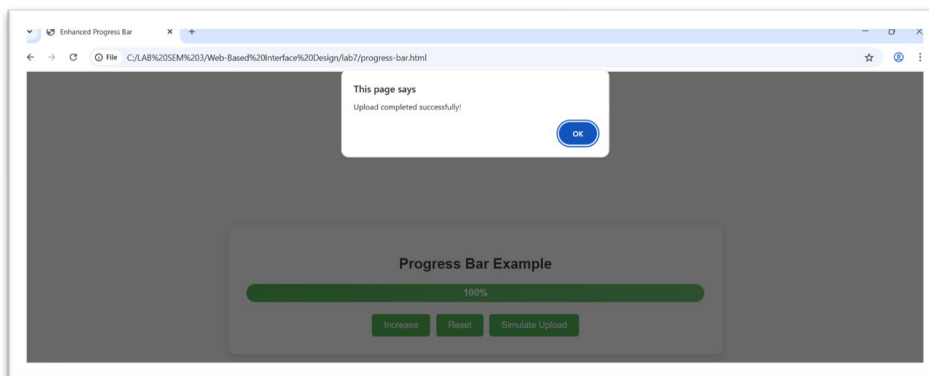
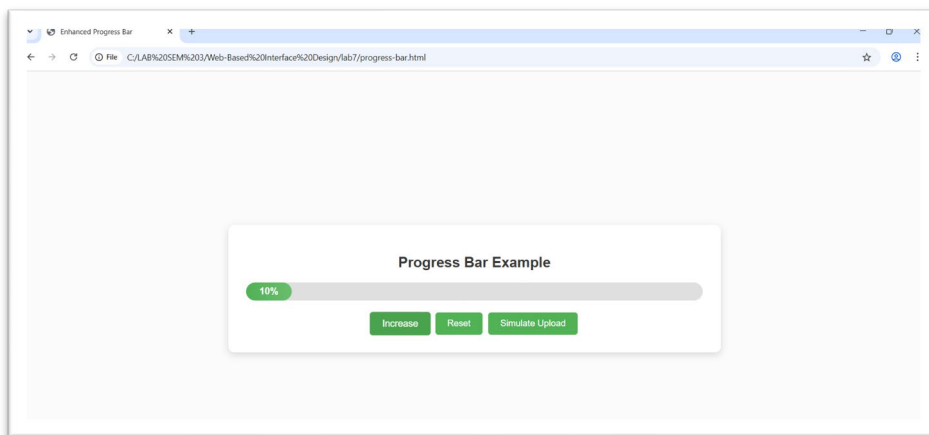
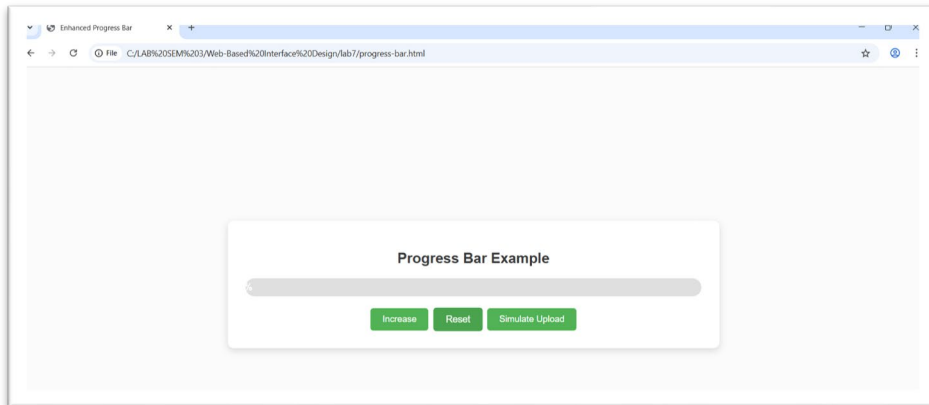


1.6

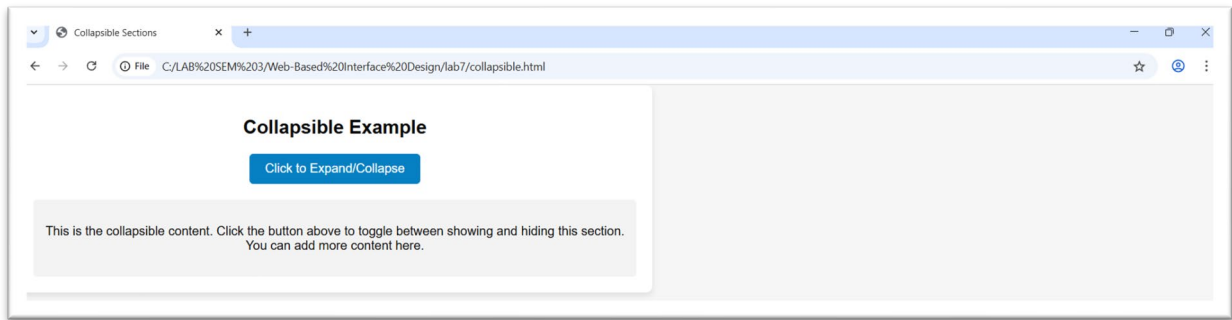
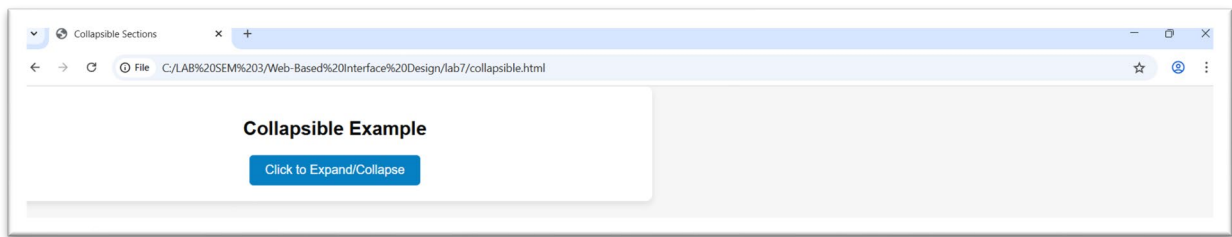




Further Enhancement



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   <!-- login overlay -->
18   <div class="form-container">
19     <h2>Login</h2>
20     <form action="side-navigation.html" method="get">
21       <label for="email">Email</label>
22       <input type="email" id="email" name="email" placeholder="Enter Email" required>
23       <label for="password">Password</label>
24       <input type="password" id="password" name="password" placeholder="Enter Password" required>
25       <button type="submit">Login</button>
26     </form>
27   </div>
28 </div>
29
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 20;
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
33 /* Slides */
34 .slide {
35   display: none;
36   /* hide all slides initially */
37   position: relative;
38 }
39
40 /* Slide Images */
41 .slide-img {
42   width: 100%;
43   height: 400px;
44   object-fit: cover;
45   border-radius: 10px;
```

```

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: #d0d06e;
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 }

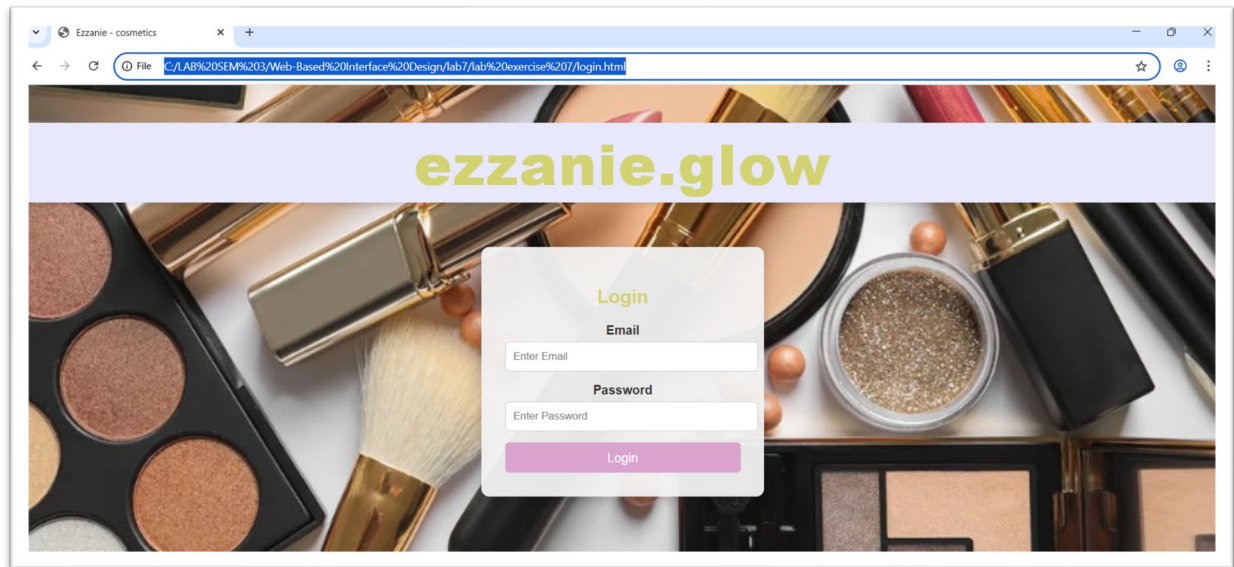
```

```

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
11 <body>
12     <div class="side-nav">
13         <a href="#FeaturedProducts.html">Featured Products</a>
14         <a href="#ProductInsights.html">Product Insights</a>
15         <a href="#AboutBrand.html">About the Brand</a>
16     </div>
17
18     <div class="content">
19         <section id="Featured Products" onclick="location.href='FeaturedProducts.html';" style="cursor:pointer;">
20             <h2>Featured Products</h2>
21             <p>Check out our best-selling cosmetics!</p>
22         </section>
23         <section id="Product Insights" onclick="location.href='ProductInsight.html';" style="cursor:pointer;">
24             <h2>Product Insights</h2>
25             <p>Click here to explore detailed product stats and information.</p>
26         </section>
27         <section id="About the Brand" onclick="location.href='BrandProfile.html';" style="cursor:pointer;">
28             <h2>About the Brand</h2>
29             <p>Click here to learn more about Ezzanie Touch.</p>
30         </section>
31     </div>
32 </body>
33
34 </html>

```

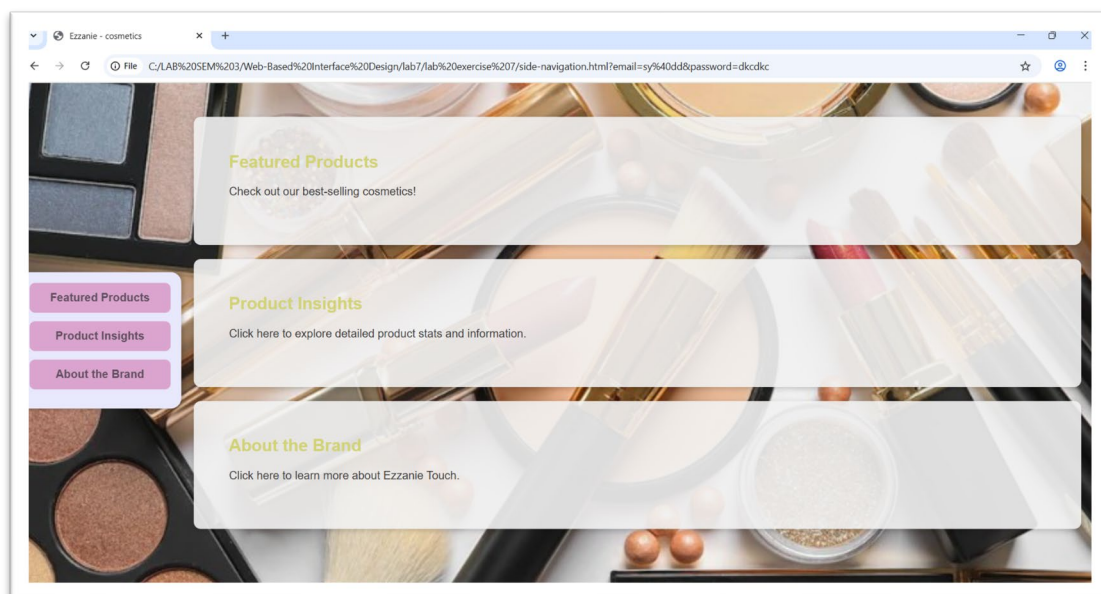
Navigation.css

```

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
21 /* Navigation links */
22 .side-nav a {
23   display: block;
24   color: #5c4a5a; /* soft dark text */
25   text-decoration: none;
26   padding: 12px;
27   margin-bottom: 12px;
28   background-color: #d8a1cc; /* same as login button */
29   text-align: center;
30   border-radius: 8px;
31   font-weight: bold;
32   transition: background-color 0.3s ease, transform 0.2s;
33 }
34
35 /* Hover effect */
36 .side-nav a:hover {
37   background-color: #db055f; /* same hover as login */
38   color: white;
39   transform: translateX(5px);
40 }
41
42 /* Page content */
43 .content {
44   margin-left: 220px;
45   padding: 20px;
46 }
47
48 /* Sections */
49 section {
50   padding: 50px;
51   margin: 20px 0;
52   background-color: rgba(240, 240, 240, 0.9); /* same soft card feel */
53   border-radius: 10px;
54   box-shadow: 0 2px 8px rgba(0, 0, 0, 0.2);
55   color: #333;
56 }
57
58 section h2 {
59   margin-top: 0;
60   color: #d0d0e0; /* soft gold heading */
61 }
62
63 /* Smooth scrolling */
64 html {
65   scroll-behavior: smooth;
66 }

```

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 </body>
39 </html>
```

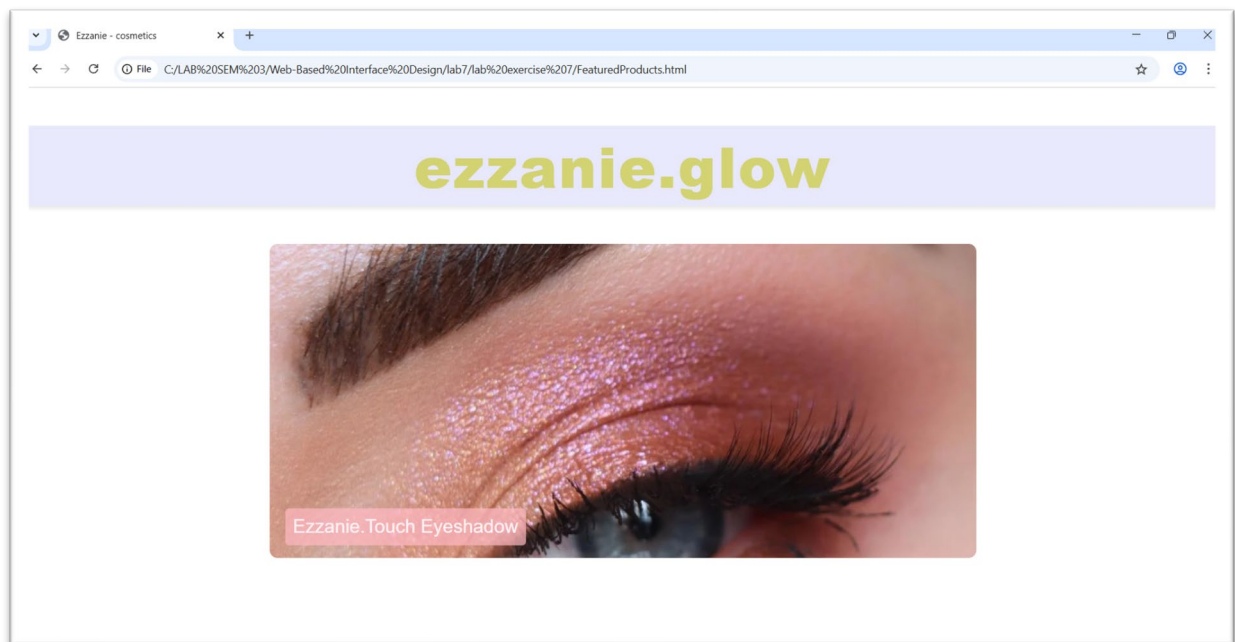
FeaturedProduct.css

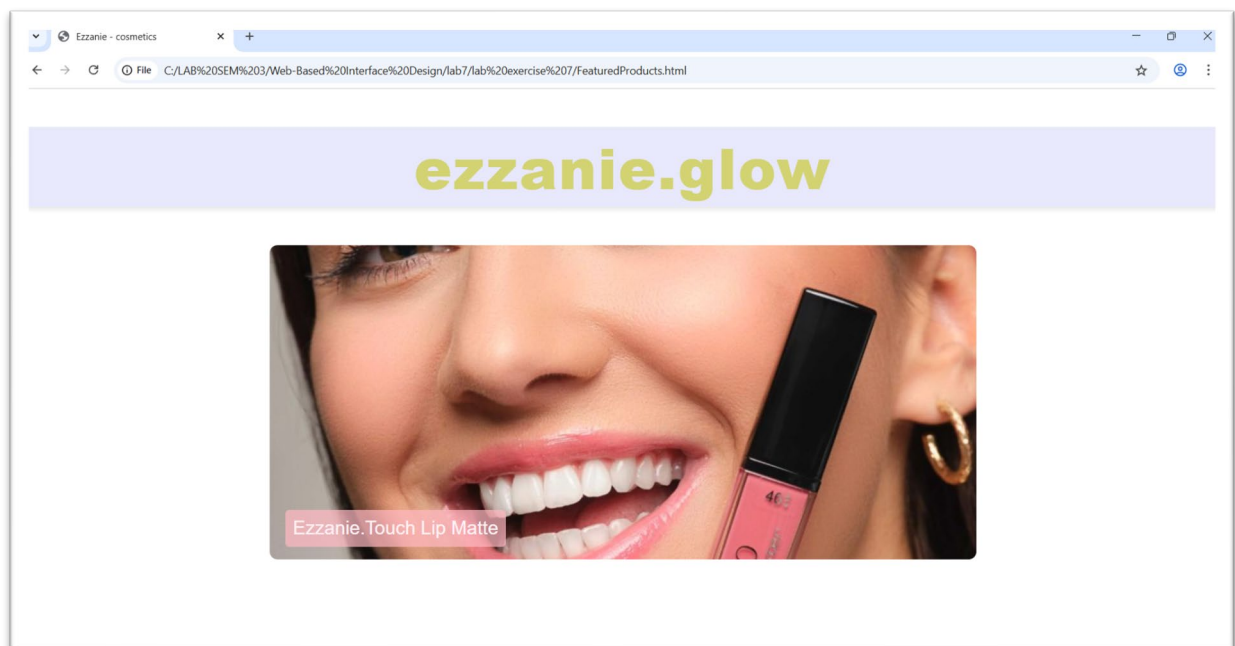
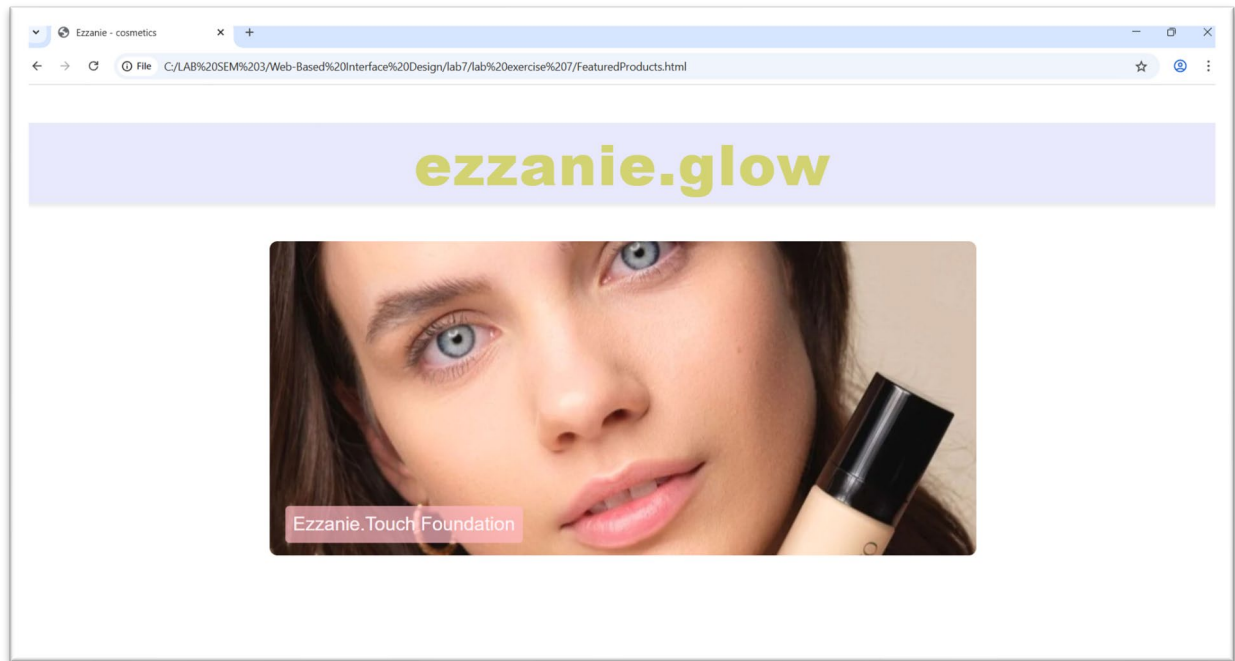
```
1 body {
2   background-size: cover;
3   color: # antiquewhite;
4   background-position: center;
5   background-repeat: no-repeat;
6   font-family: Arial, sans-serif;
7 }
8
9 /* Brand Header */
10 .brand-header {
11   text-align: center;
12   padding: 5px 20px;
13   /* adjust padding */
14   background: # f6e6fa;
15   /* lavender header */
16   color: # d8b08c;
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: 900px;
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: # e6e6fa;
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 }

```

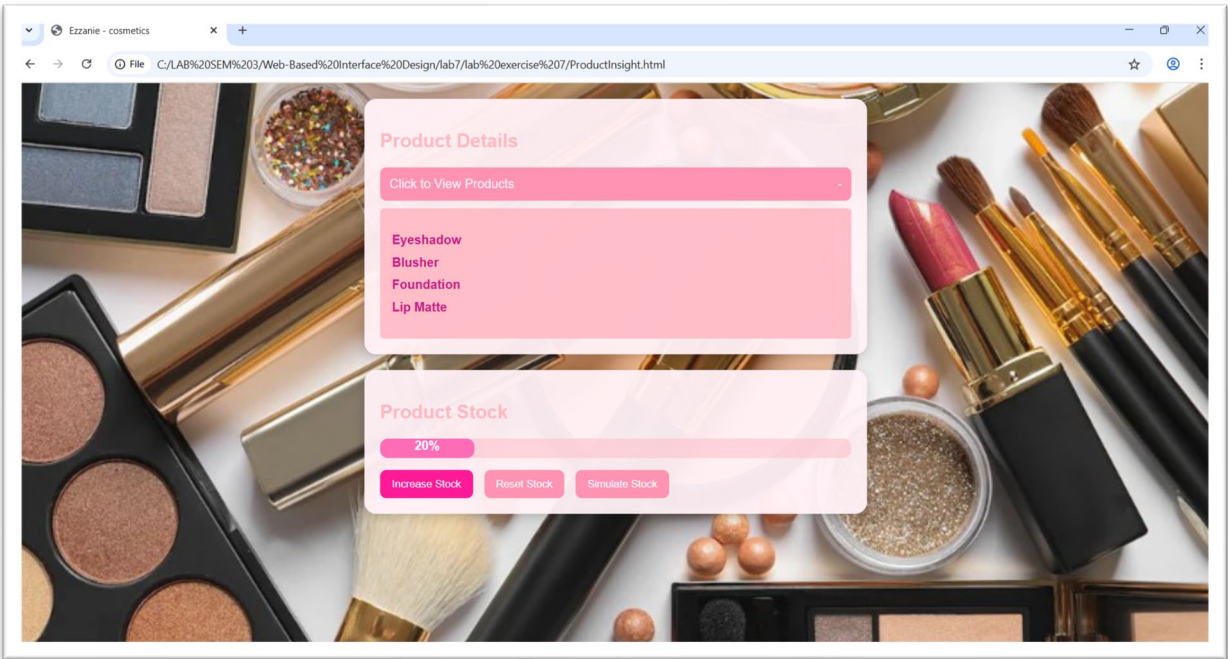
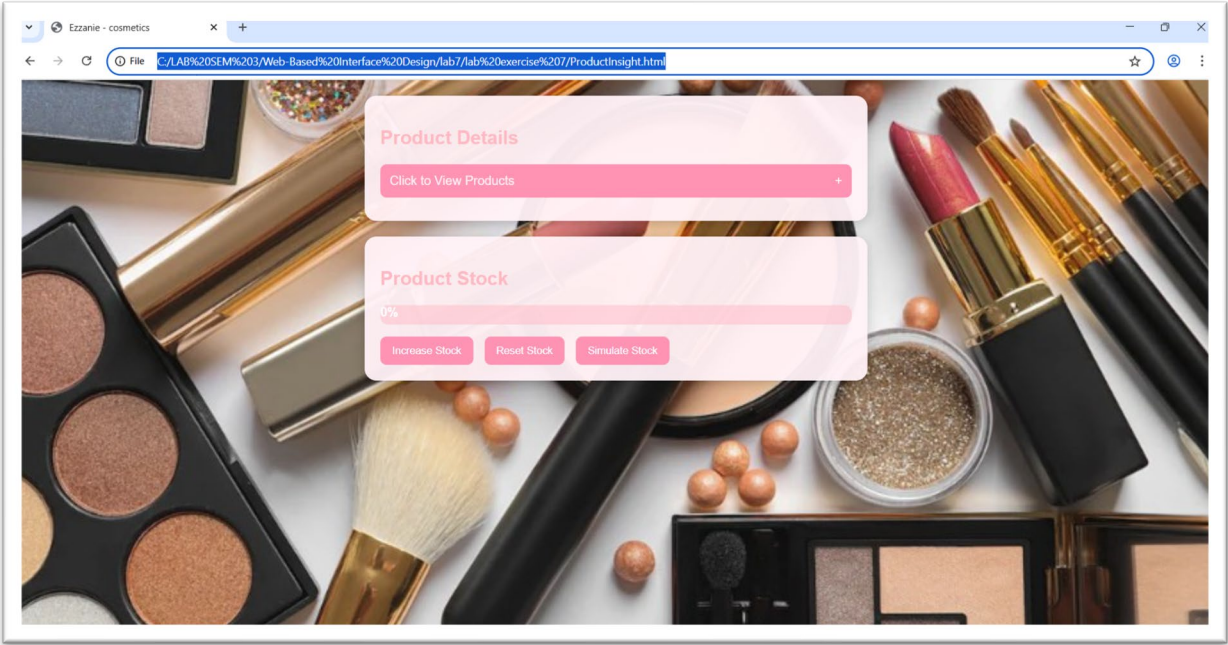
productInsight.js

```

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 </body>
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: #d0d06e; /* 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

