

# **CSE326 - Internet Programming Laboratory**

## **CA-3 PROJECT REPORT**

**On**

**Title: E – Commerce website**

**School of Computer Science &Engineering  
LOVELY PROFESSIONALUNIVERSITY**



**L**OVELY  
**P**ROFESSIONAL  
**U**NIVERSITY

**SUBMITTED TO – Shivani Sharma**

Name -Lokesh Registration Number - 12411389
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# INTRODUCTION

This report provides an in-depth overview of the development process and features of a property maintenance website designed and constructed using HTML and CSS. The primary objective of this website is to serve as a digital platform catering to property owners' maintenance needs while showcasing the services offered by the maintenance company.

## OVERVIEW

The property maintenance website serves as a comprehensive online platform designed to cater to the needs of property owners seeking reliable maintenance services. Developed using HTML and CSS, this user-friendly website aims to provide a seamless and informative experience for visitors.

Key features of this website are:-

1. **Responsive Design:** Ensuring the website is optimized and functional across various devices.
2. **User-friendly Navigation:** A well structured navigation menu allowing visitors to easily find and access different sections or services on the website.
3. **Services offered:** A dedicated section outlining the range of property maintenance services provided with details.
4. **Company Profile:** An informative section about the company's history, information, values, members, licenses, etc.
5. **Resource and FAQ section:** Featuring articles, Comments from previous customers, Ratings, and valuable information sharing with customers.

# **TECHNOLOGIES USED**

## **HTML**

We used HTML on our website to design the structures of our website. We made a Home page, Login page, and a Signup page . We used HTML by which the user can register using his email and contact information. They can also submit feedback which was made with HTML. We have also used HTML to insert images on our Home page.

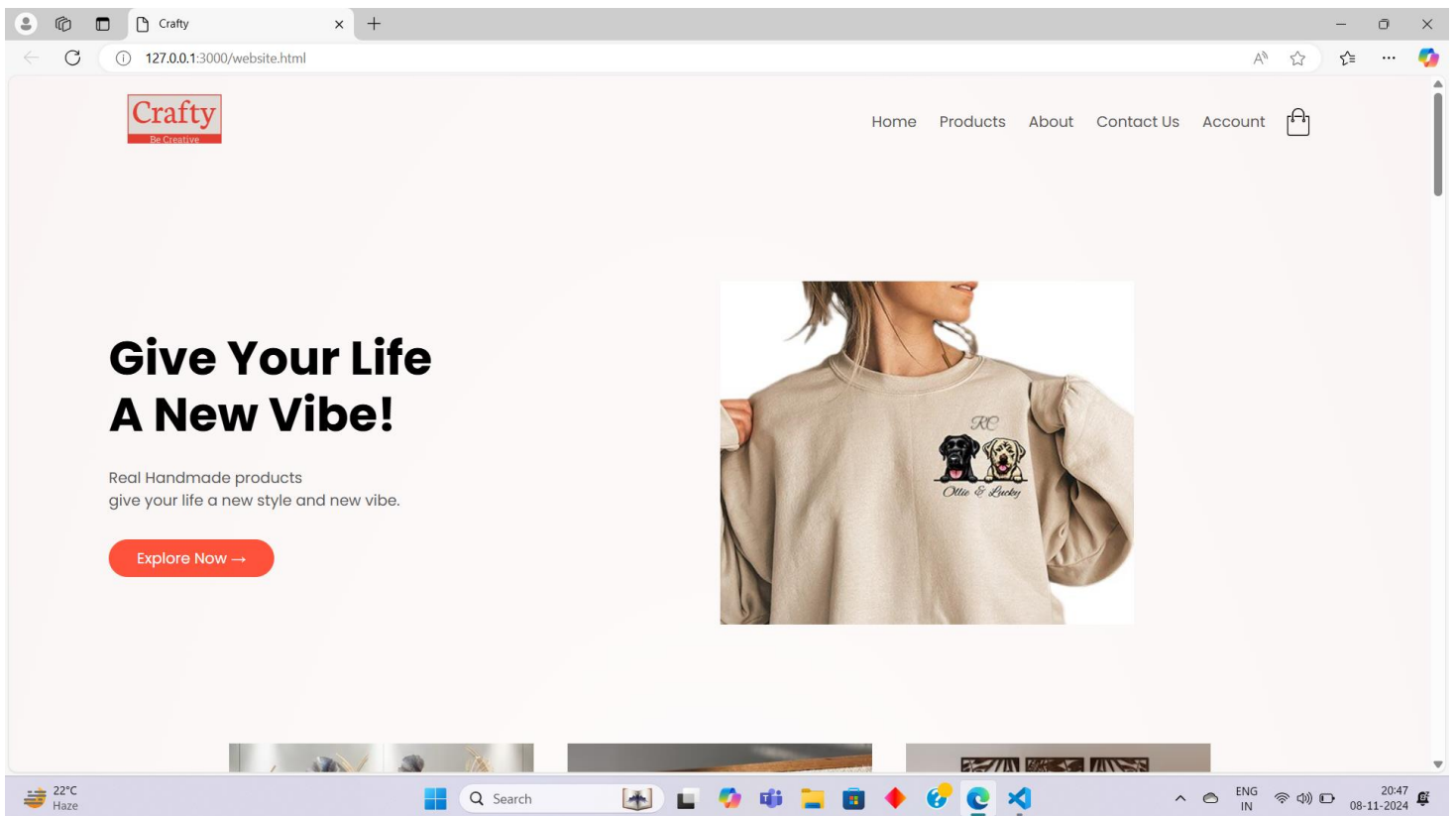
## **CSS**

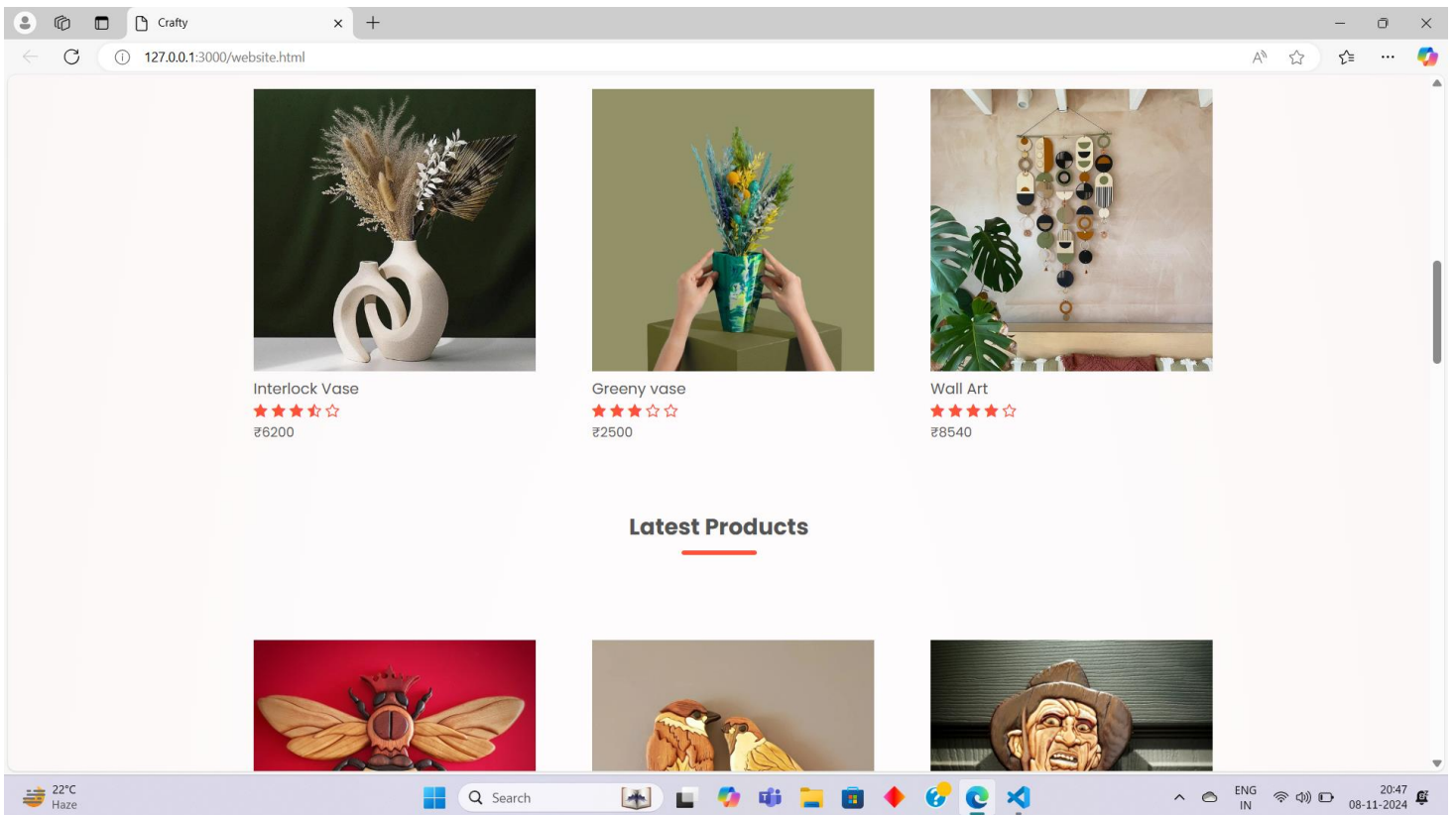
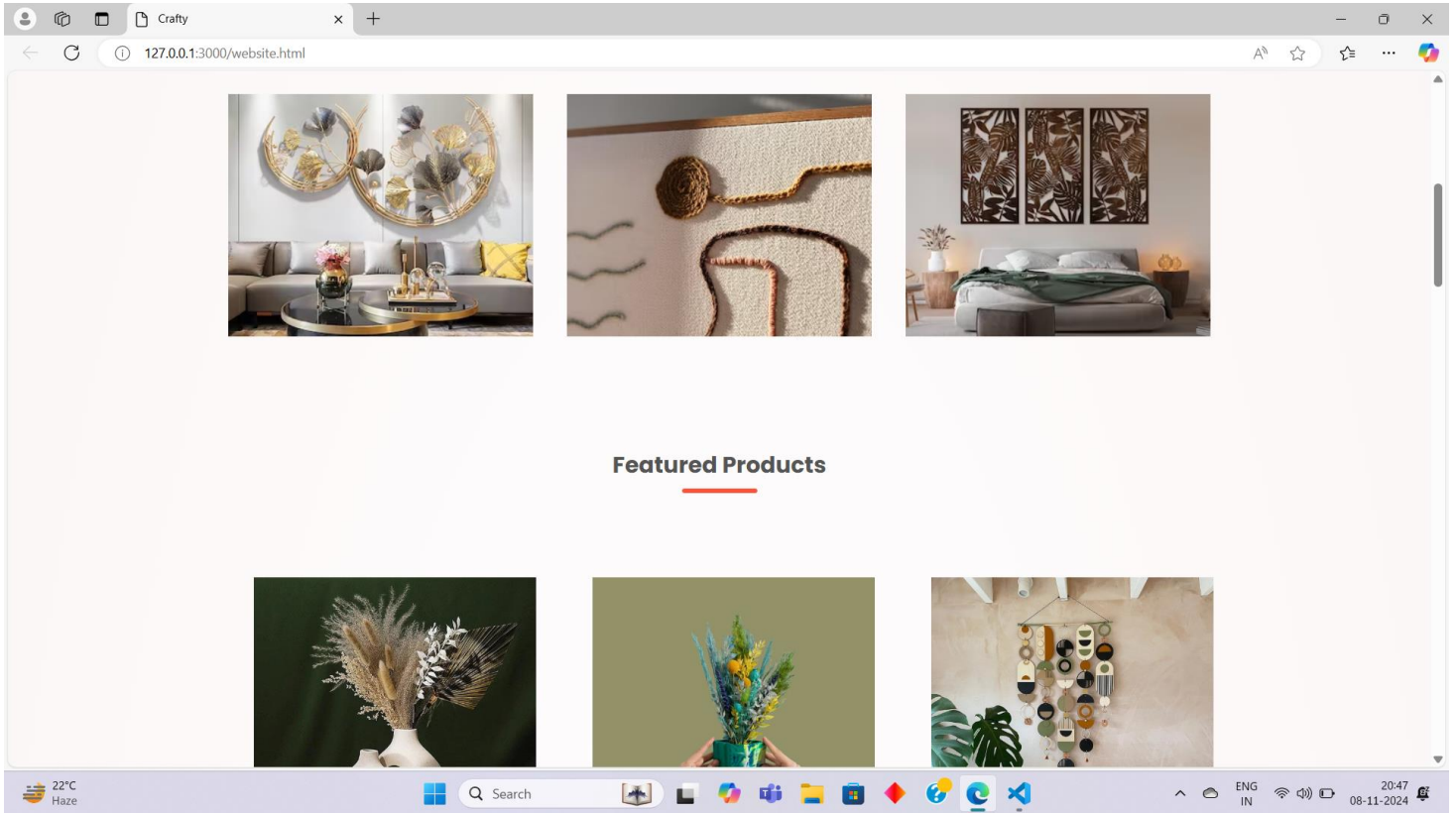
We use CSS to design our website. We used CSS to design the outlook of our website including adjusting images and colors. We also added many different properties to design the home page, login page and Signup page to make our website look good.

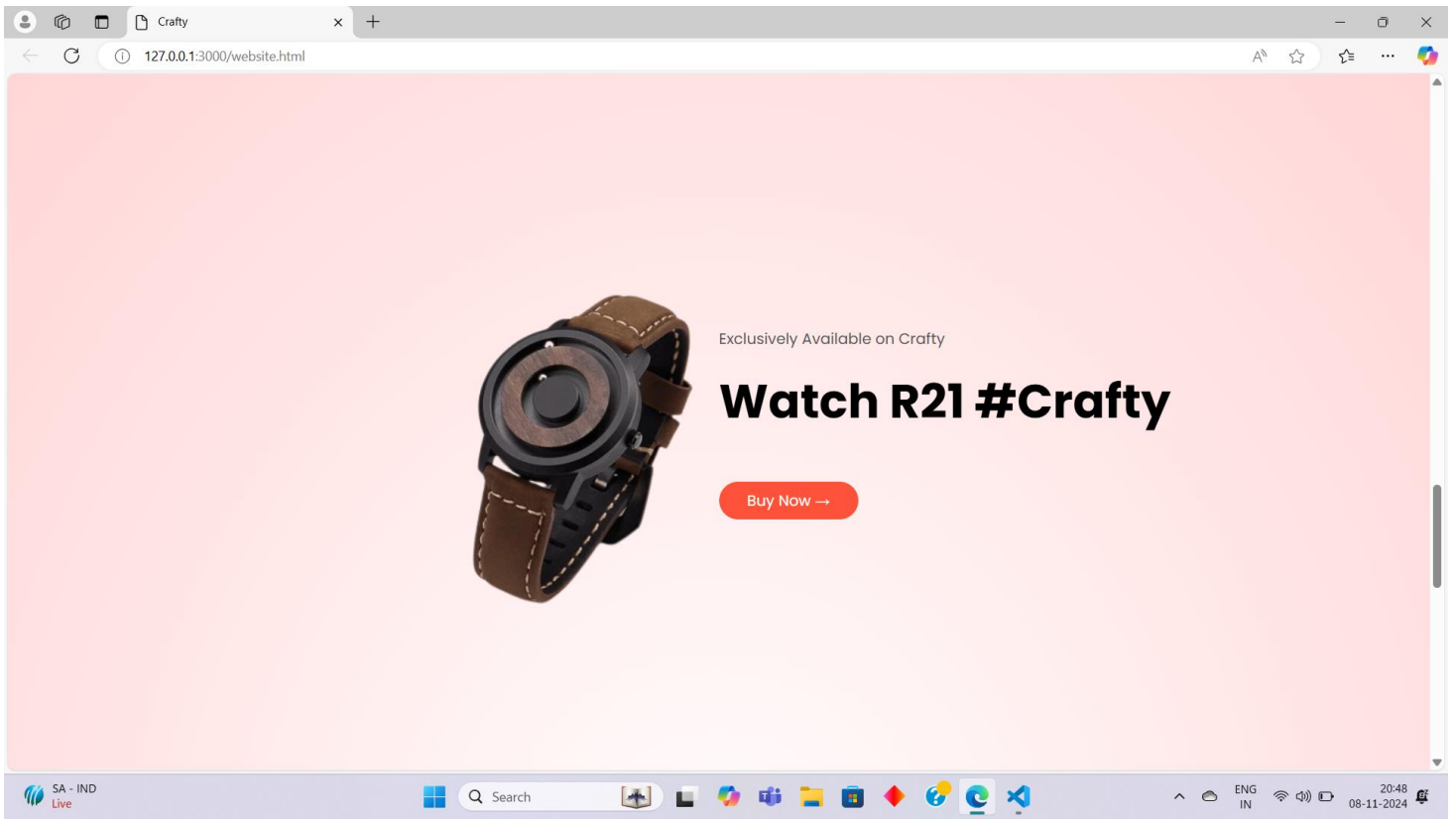
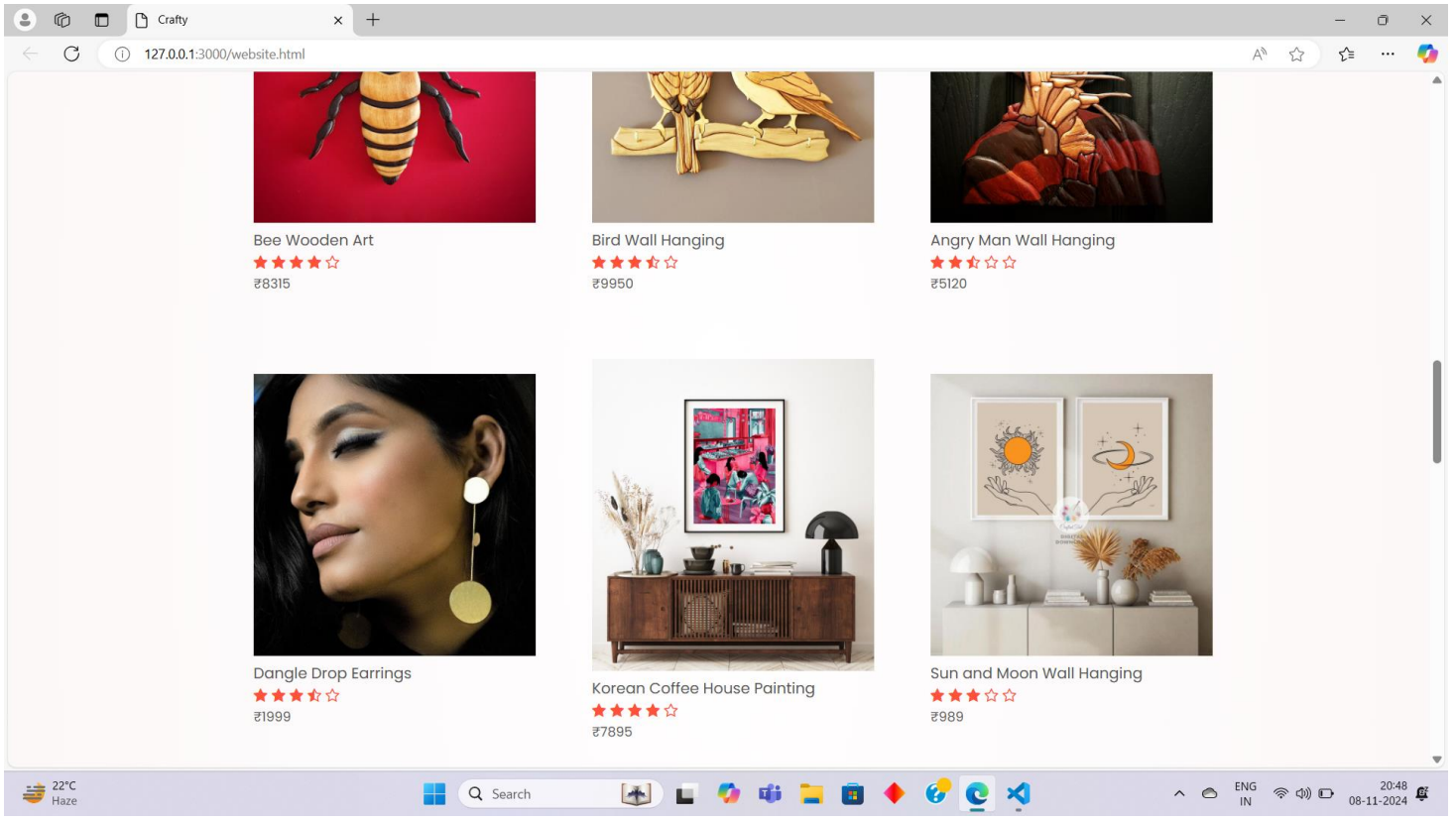
## **JAVASCRIPT**

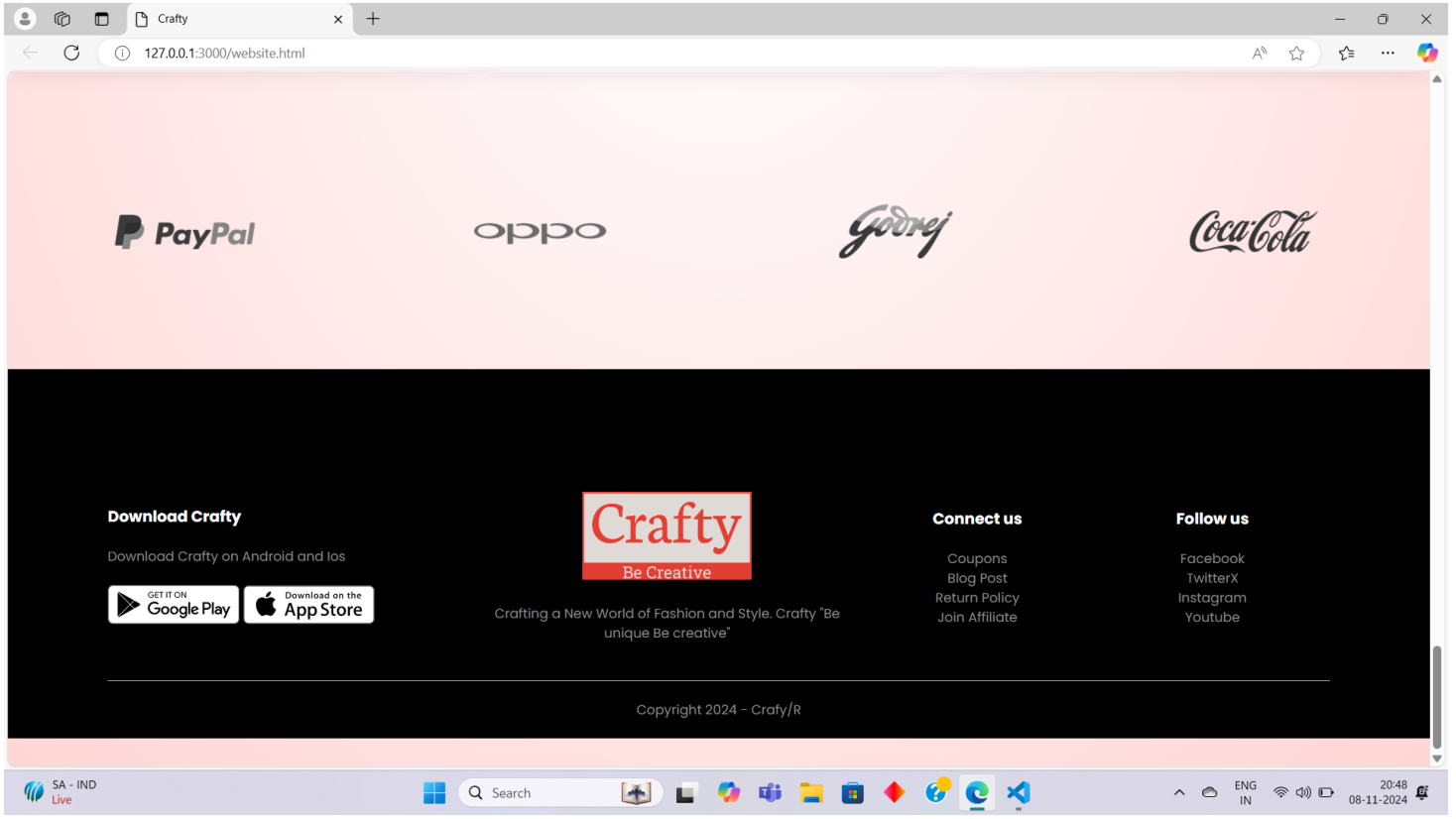
We used javascript to add a little interactivity on our website. We used javascript in our Homepage. Javascript is used in the options of services that could be selected with a click and the comments section.

# SNAPSHOTS OF WEBSITE AND CODE

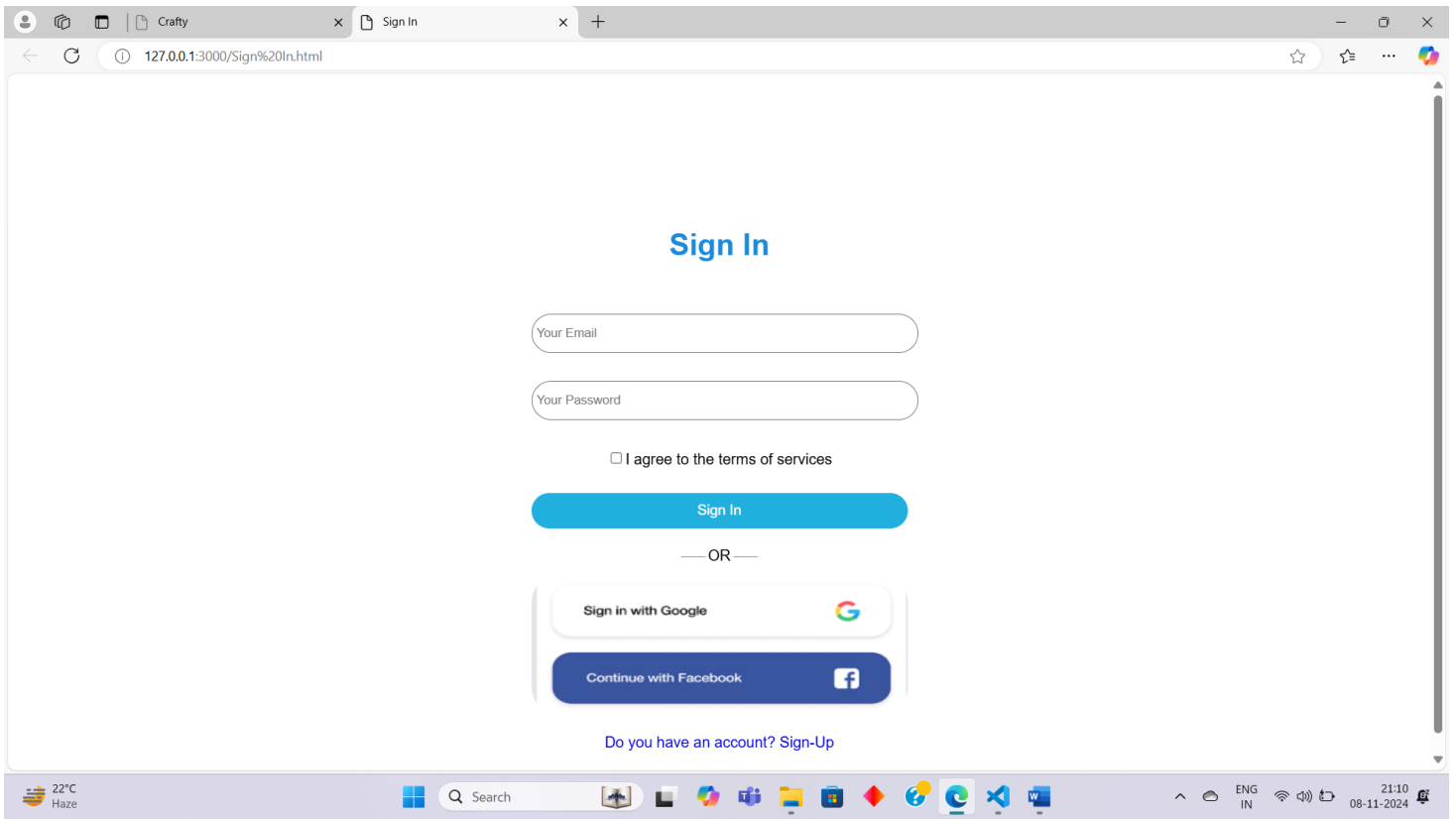
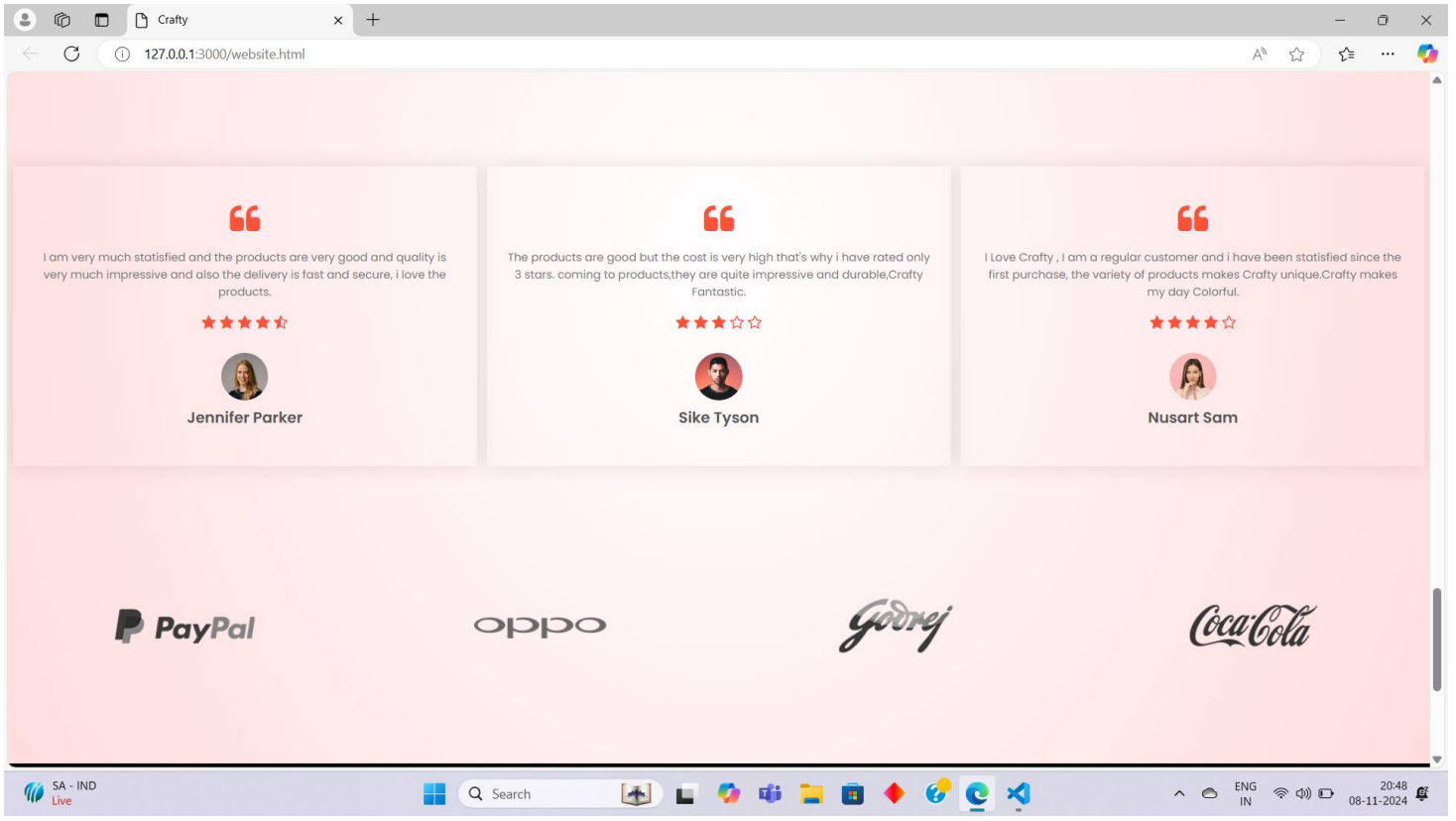


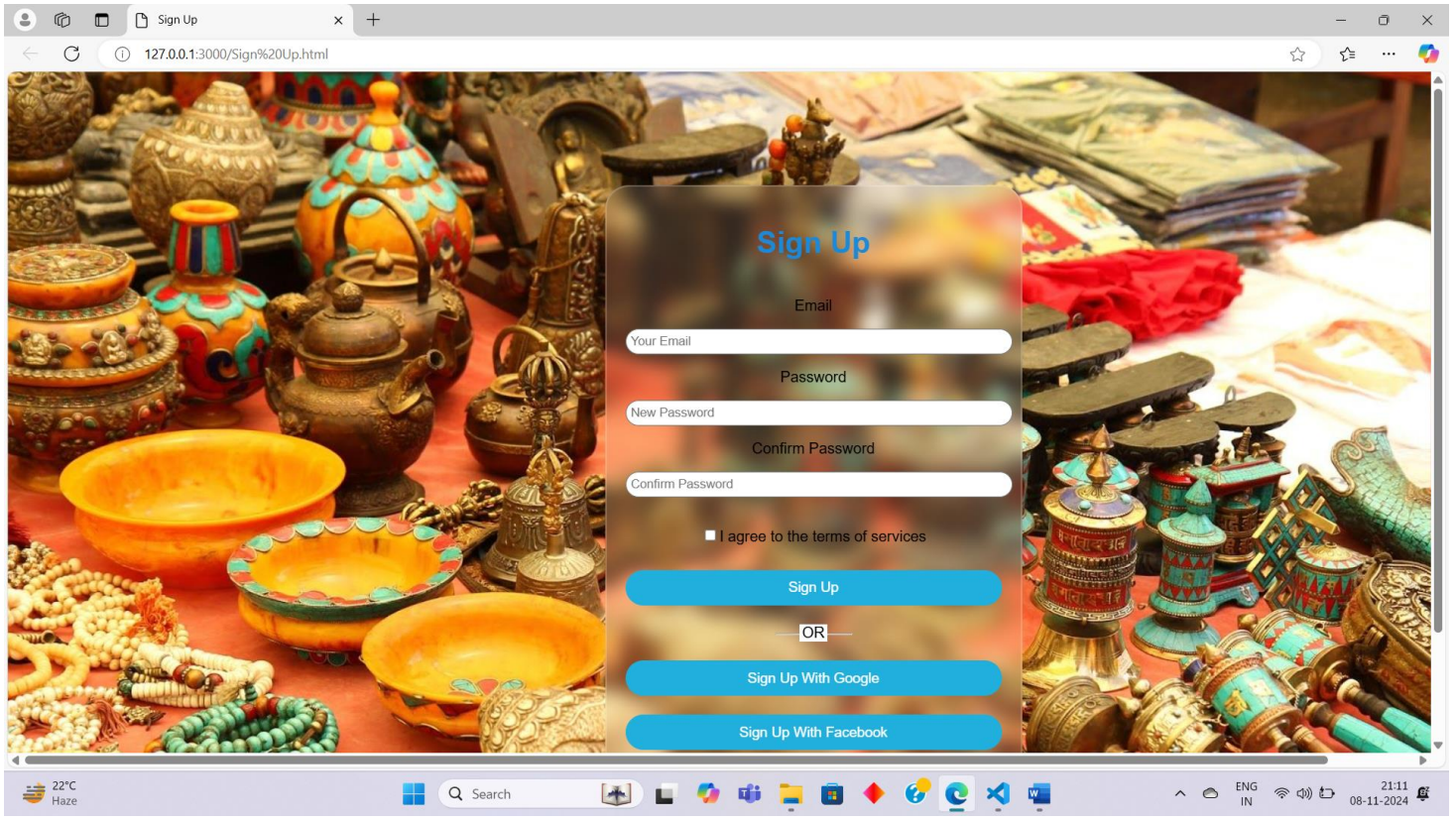




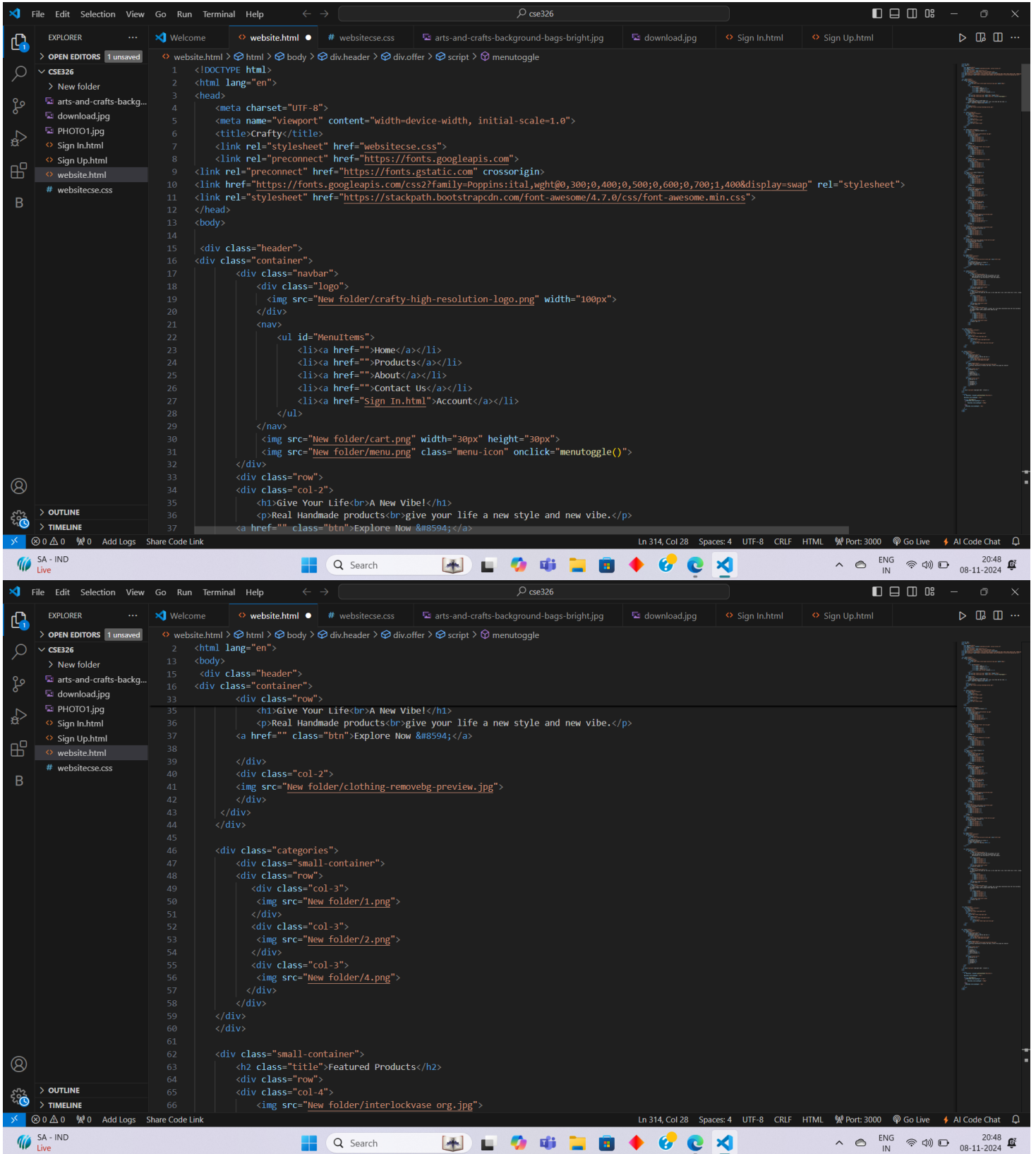








SOURCE CODE





```
File Edit Selection View Go Run Terminal Help cse326
EXPLORER Welcome website.html # websitescss arts-and-crafts-background-bags-bright.jpg download.jpg Sign In.html Sign Up.html
> OPEN EDITORS 1 unsaved
> CSE326
  > New folder
  > arts-and-crafts-backg...
  > download.jpg
  > PHOTO1.jpg
  > Sign In.html
  > Sign Up.html
  > website.html
  # websitescss
  > OUTLINE
  > TIMELINE
  > 0 0 0 Add Logs Share Code Link

Ln 314, Col 28 Spaces: 4 UTF-8 CRLF HTML Port: 3000 Go Live AI Code Chat
SA - IND Live Search 20:49 08-11-2024
```

website.html > html > body > div.header > div.offerr > script > menutoggle

```
2 <html lang="en">
13 <body>
15 <div class="header">
62 <div class="small-container">
103 <div class="row">
127 </div>
128 <div class="col-4">
129 
130 <h4>Angry Man Wall Hanging</h4>
131 <div class="rating">
132 <i class="fa fa-star"></i>
133 <i class="fa fa-star"></i>
134 <i class="fa fa-star-half-o"></i>
135 <i class="fa fa-star-o"></i>
136 <i class="fa fa-star-o"></i>
137 </div>
138 <p>₹5120</p>
139 </div>
140 <div class="col-4">
141 
142 <h4>Dangle Drop Earrings</h4>
143 <div class="rating">
144 <i class="fa fa-star"></i>
145 <i class="fa fa-star"></i>
146 <i class="fa fa-star"></i>
147 <i class="fa fa-star-half-o"></i>
148 <i class="fa fa-star-o"></i>
149 </div>
150 <p>₹1999</p>
151 </div>
152 <div class="col-4">
153 
154 <h4>Korean Coffee House Painting</h4>
155 <div class="rating">
156 <i class="fa fa-star"></i>
157 <i class="fa fa-star"></i>
158 <i class="fa fa-star"></i>
```

```
File Edit Selection View Go Run Terminal Help cse326
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Ln 314, Col 28 Spaces: 4 UTF-8 CRLF HTML Port: 3000 Go Live AI Code Chat
SA - IND Live Search 20:49 08-11-2024
```

website.html > html > body > div.header > div.offerr > script > menutoggle

```
158 <i class="fa fa-star"></i>
159 <i class="fa fa-star"></i>
160 <i class="fa fa-star-o"></i>
161 </div>
162 <p>₹7895</p>
163 </div>
164 <div class="col-4">
165 
166 <h4>Sun and Moon Wall Hanging</h4>
167 <div class="rating">
168 <i class="fa fa-star"></i>
169 <i class="fa fa-star"></i>
170 <i class="fa fa-star"></i>
171 <i class="fa fa-star-o"></i>
172 <i class="fa fa-star-o"></i>
173 </div>
174 <p>₹989</p>
175 </div>
176 </div>
177 </div>
178
179 <div class="offer">
180 <div class="small-container">
181 <div class="row">
182 <div class="col-2">
183 
184 </div>
185 <div class="col-2">
186 <p>Exclusively Available on Crafty</p>
187 <h1>Watch R21 #Crafty</h1>
188 <a href="" class="btn">Buy Now &#8594;</a>
189 </div>
```



The screenshot shows the VS Code editor with the file explorer on the left. The file explorer shows a project named 'cse326' with a folder 'New folder' containing 'PHOTO1.jpg', 'Sign In.html', 'Sign Up.html', and 'website.html'. The file explorer also shows a file 'websitecss.css'. The main editor window shows the code for 'website.html'. The code is as follows:

```
1 <html lang="en">
2 <body>
3   <div class="header">
4     <div class="offer">
5       <div class="small-container">
6         <a href="#" class="btn">Buy Now &#8294;</a>
7       </div>
8     </div>
9   </div>
10
11   <div class="testimonial">
12     <div class="row">
13       <div class="col-3">
14         <i class="fa fa-quote-left"></i>
15         <p> I am very much statisfied and the products are very
16           good and quality is very much impressive and also
17           the delivery is fast and secure, i love the products.
18         </p>
19         <div class="rating">
20           <i class="fa fa-star"></i>
21           <i class="fa fa-star"></i>
22           <i class="fa fa-star"></i>
23           <i class="fa fa-star"></i>
24           <i class="fa fa-star-half-o"></i>
25         </div>
26         
27         <h3>Jennifer Parker</h3>
28       </div>
29       <div class="col-3">
30         <i class="fa fa-quote-left"></i>
31         <p> The products are good but the cost is very high that's why i have rated only 3 stars. coming to products,they are quite impressi
32           Fantastic.
33         </p>
34         <div class="rating">
35           <i class="fa fa-star"></i>
36           <i class="fa fa-star"></i>
```

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12     <div class="row">
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14         <i class="fa fa-quote-left"></i>
15         <p> I am very much statisfied and the products are very
16           good and quality is very much impressive and also
17           the delivery is fast and secure, i love the products.
18         </p>
19         <div class="rating">
20           <i class="fa fa-star"></i>
21           <i class="fa fa-star"></i>
22           <i class="fa fa-star"></i>
23           <i class="fa fa-star"></i>
24           <i class="fa fa-star-half-o"></i>
25         </div>
26         
27         <h3>Jennifer Parker</h3>
28       </div>
29       <div class="col-3">
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31         <p> The products are good but the cost is very high that's why i have rated only 3 stars. coming to products,they are quite impressi
32           Fantastic.
33         </p>
34         <div class="rating">
35           <i class="fa fa-star"></i>
36           <i class="fa fa-star"></i>
```

The screenshot shows the VS Code editor with the file explorer on the left. The 'EXPLORER' panel shows a project named 'CSE326' with files like 'New folder', 'arts-and-crafts-backg...', 'download.jpg', 'PHOTO1.jpg', 'Sign In.html', 'Sign Up.html', 'website.html', and 'websitecss.css'. The 'website.html' file is open in the editor, showing the following HTML structure:

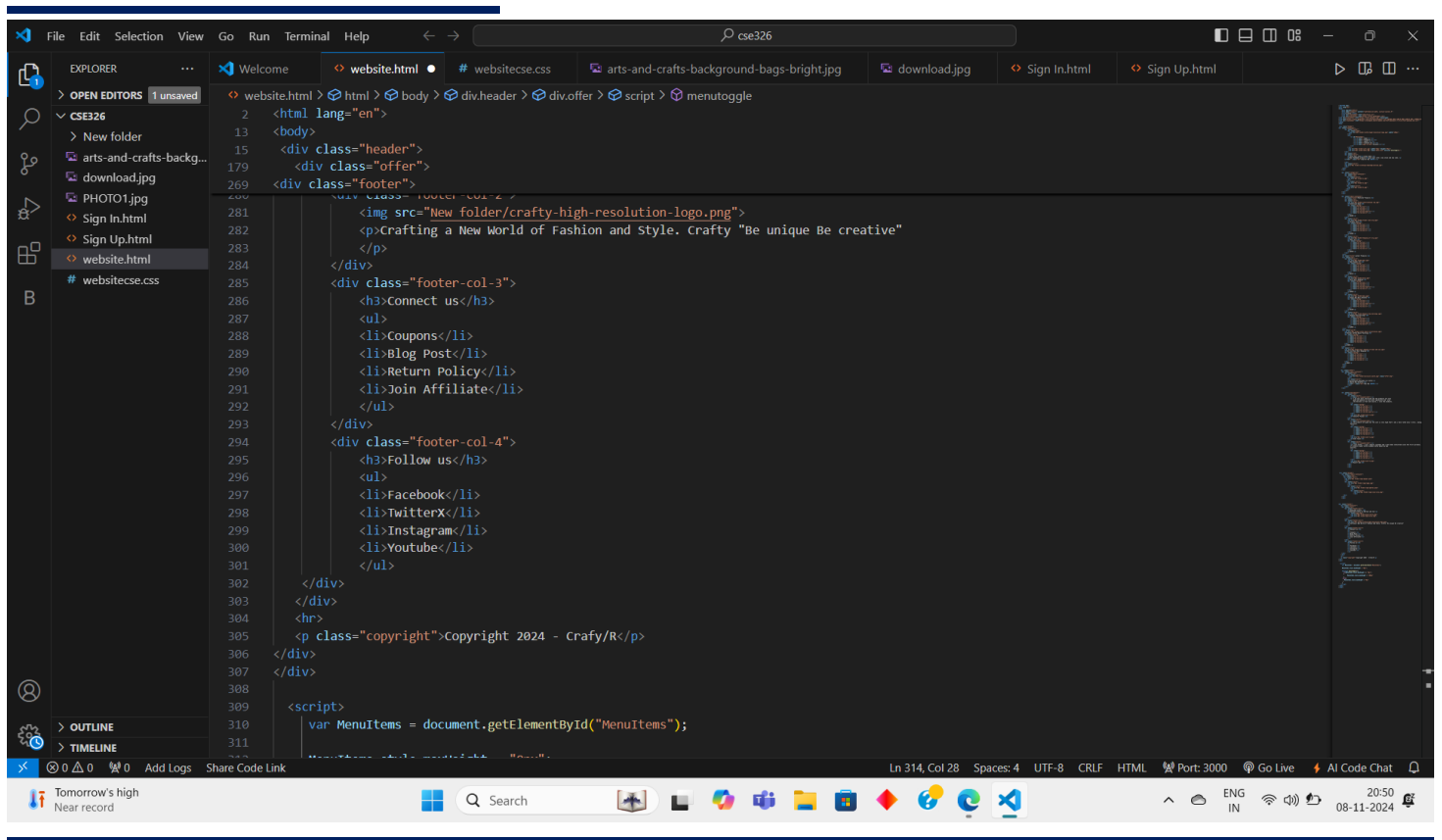
```
1 <html lang="en">
2 <body>
3   <div class="header">
4     <div class="offer">
5       <div class="brands">
6         <div class="row">
7           <div class="col-5">
8             
9           </div>
10          <div class="col-5">
11            
12          </div>
13          <div class="col-5">
14            
15          </div>
16          <div class="col-5">
17            
18          </div>
19        </div>
20      </div>
21    </div>
22  </div>
23  <div class="footer">
24    <div class="container">
25      <div class="row">
26        <div class="footer-col-1">
27          <h3>Download Crafty </h3>
28          <p>Download Crafty on Android and Ios</p>
29          <div class="app-logo">
30            
31            
32          </div>
33        </div>
34      </div>
35    </div>
36  </div>
37  
38 </body>
39 </html>
```

The status bar at the bottom indicates the file is at line 314, column 28, with 4 spaces, UTF-8 encoding, CRLF line endings, and HTML language. It also shows 'Port: 3000', 'Go Live', and 'AI Code Chat' options.

The screenshot shows the VS Code editor with the file explorer on the left. The 'website.html' file is open in the editor, showing the following HTML structure:

```
1 <html lang="en">
2 <body>
3   <div class="header">
4     <div class="offer">
5       <div class="brands">
6         <div class="row">
7           <div class="col-5">
8             
9           </div>
10          <div class="col-5">
11            
12          </div>
13          <div class="col-5">
14            
15          </div>
16          <div class="col-5">
17            
18          </div>
19        </div>
20      </div>
21    </div>
22  </div>
23  <div class="footer">
24    <div class="container">
25      <div class="row">
26        <div class="footer-col-1">
27          <h3>Download Crafty </h3>
28          <p>Download Crafty on Android and Ios</p>
29          <div class="app-logo">
30            
31            
32          </div>
33        </div>
34      </div>
35    </div>
36  </div>
37  
38 </body>
39 </html>
```

The status bar at the bottom indicates the file is at line 314, column 28, with 4 spaces, UTF-8 encoding, CRLF line endings, and HTML language. It also shows 'Port: 3000', 'Go Live', and 'AI Code Chat' options.





The screenshot shows the VS Code editor with the file explorer on the left. The 'EXPLORER' panel shows a project named 'CSE326' with files: 'New folder', 'arts-and-crafts-backg...', 'download.jpg', 'PHOTO1.jpg', 'Sign In.html', 'Sign Up.html', and 'website.html'. The 'website.html' file is selected. The main editor area shows the 'websitecss.css' file with the following CSS code:

```
# websitecss.css > *
91 .small-container{
92     padding-left: 25px;
93     padding-right: 25px;
94 }
95
96 .col-4{
97     flex-basis: 25%;
98     padding:10px;
99     min-width: 200px;
100     margin-bottom: 50px;
101     transition: transform 0.5s;
102 }
103
104 .col-4 img{
105     width: 300px;
106 }
107
108 .title{
109     text-align: center;
110     margin:0 auto 80px;
111     position:relative;
112     line-height:60px;
113     color: #555;
114 }
115
116 .title::after{
117     content: '';
118     background: #ff523b;
119     width: 80px;
120     height: 5px;
121     border-radius: 5px;
122     position: absolute;
123     bottom: 0;
124     left: 50%;
125     transform: translateX(-50%);
126 }
127
128 h4{
129     color: #555;
```

The status bar at the bottom shows 'Ln 1, Col 1', 'Spaces: 4', 'UTF-8', 'CRLF', 'CSS', 'Port: 3000', 'Go Live', and 'AI Code Chat'.

The screenshot shows the VS Code editor with the file explorer on the left. The 'EXPLORER' panel shows a project named 'CSE326' with files: 'New folder', 'arts-and-crafts-backg...', 'download.jpg', 'PHOTO1.jpg', 'Sign In.html', 'Sign Up.html', and 'website.html'. The 'website.html' file is selected. The main editor area shows the 'websitecss.css' file with the following CSS code:

```
# websitecss.css > *
261
262
263 @media only screen and (max-width: 800px){
264     nav ul{
265         position:absolute;
266         top:70px;
267         left:0;
268         background: #333;
269         width: 100%;
270         overflow: hidden;
271         transition: max-height 0.5;
272     }
273     nav ul li{
274         display:block;
275         margin-right: 50px;
276         margin-top: 10px;
277         margin-bottom: 10px;
278     }
279     nav ul li a{
280         color: #fff;
281     }
282     .menu-icon{
283         display:block;
284         cursor:pointer;
285     }
286 }
287
288
289 @media only screen and (max-width:600px){
290     .row{
291         text-align:center;
292     }
293     .col-2, .col-3, .col-4{
294         flex-basis: 100%;
295     }
296 }
```

The status bar at the bottom shows 'Ln 1, Col 1', 'Spaces: 4', 'UTF-8', 'CRLF', 'CSS', 'Port: 3000', 'Go Live', and 'AI Code Chat'.

# **CONCLUSION**

The development and implementation of the property maintenance website using HTML and CSS have resulted in a very good online platform aimed at addressing the needs of property owners seeking reliable maintenance services.

The utilization of HTML provided a solid structural foundation, allowing for the organization and presentation of content in a logical and accessible manner. Additionally, CSS played a pivotal role in enhancing the website's aesthetics, ensuring a visually appealing interface and responsive design across various devices.

The website's key features, including a user-friendly interface, comprehensive service information, easy navigation, and responsive design, were meticulously crafted to provide an optimal user experience. By integrating these elements, the website aims to serve as a gateway for potential clients to explore services offered by the maintenance company and seamlessly connect with the business.

The responsiveness and adaptability of the website across different devices contribute to its accessibility, catering to a wide audience of property owners seeking maintenance services.

In conclusion, the property maintenance website developed using HTML and CSS and javascript stands as a testament to the successful fusion of technical proficiency, design aesthetics, and user-centric functionality. It serves as an essential digital asset, enabling the maintenance company to establish an online presence, showcase its services, and facilitate meaningful connections with prospective clients in the property maintenance sector.

Moving forward, the website remains poised for future enhancements and updates to accommodate evolving user needs and technological advancements in the digital landscape, ensuring its continued relevance and efficacy in the realm of property maintenance services.

# **REFERENCES**

1. Free Code Camp
2. W3 School Project
3. Google
4. Youtube