

Bachelor of Software Engineering

Centre for IT Education (CITES)

Department of Electrical and Computer Engineering

The Open University of Sri Lanka

EEI3346 – Web Application Development

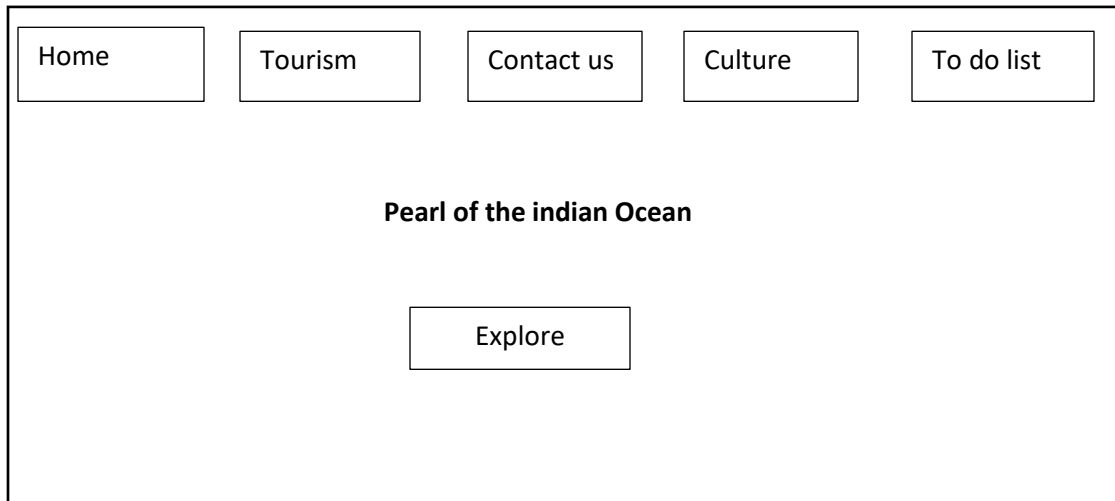
Mini Project Documentation Submission

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01.)Architectural diagram of a system

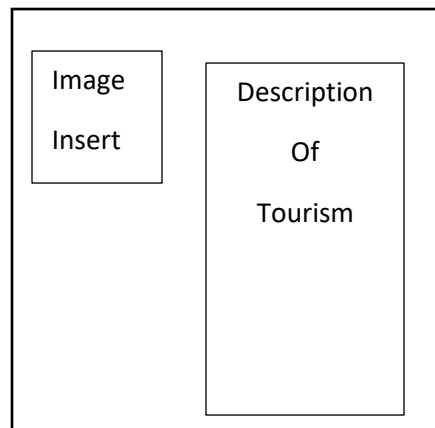
Frontpage



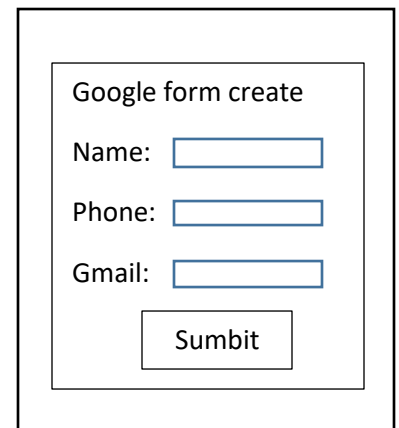
Home page



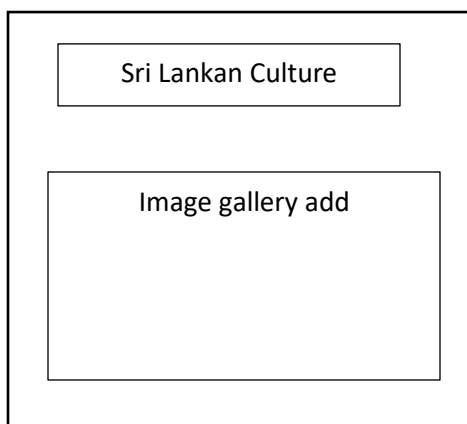
Tourism page



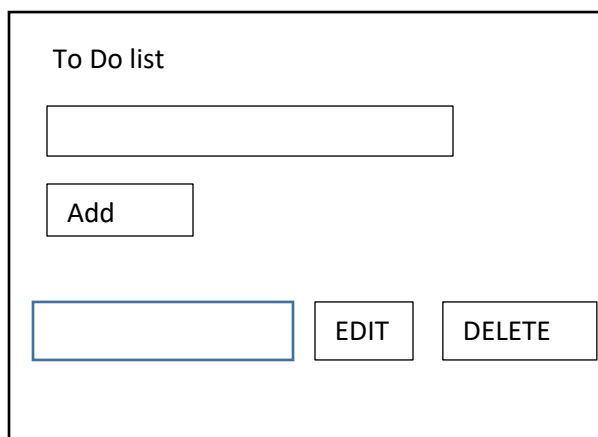
Contact us page



Culture page



To do page



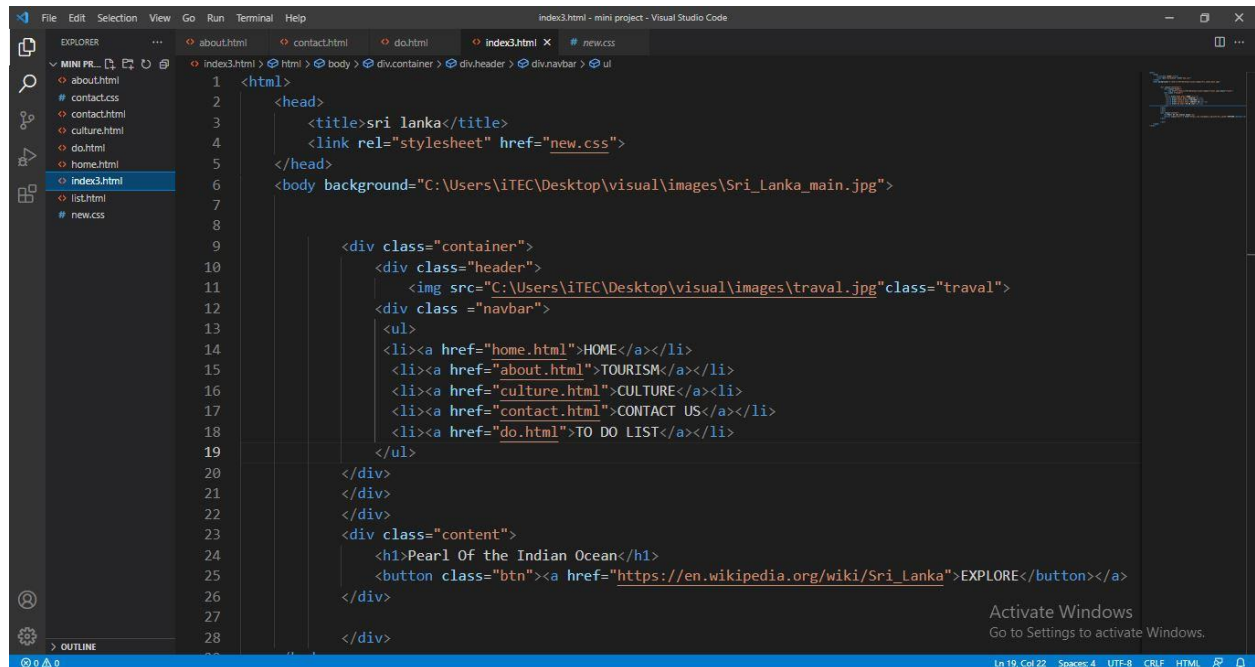
02.) Web Technologies

Front Page	Html/CSS
Home page	CSS/HTML
Tourism page	CSS/HTML
Culture	CSS/HTML
Contact us	CSS/HTML/JAVA SCRIPT
To-do list	Vue.js

03.) Front Page

FrontPage code

HTML Code

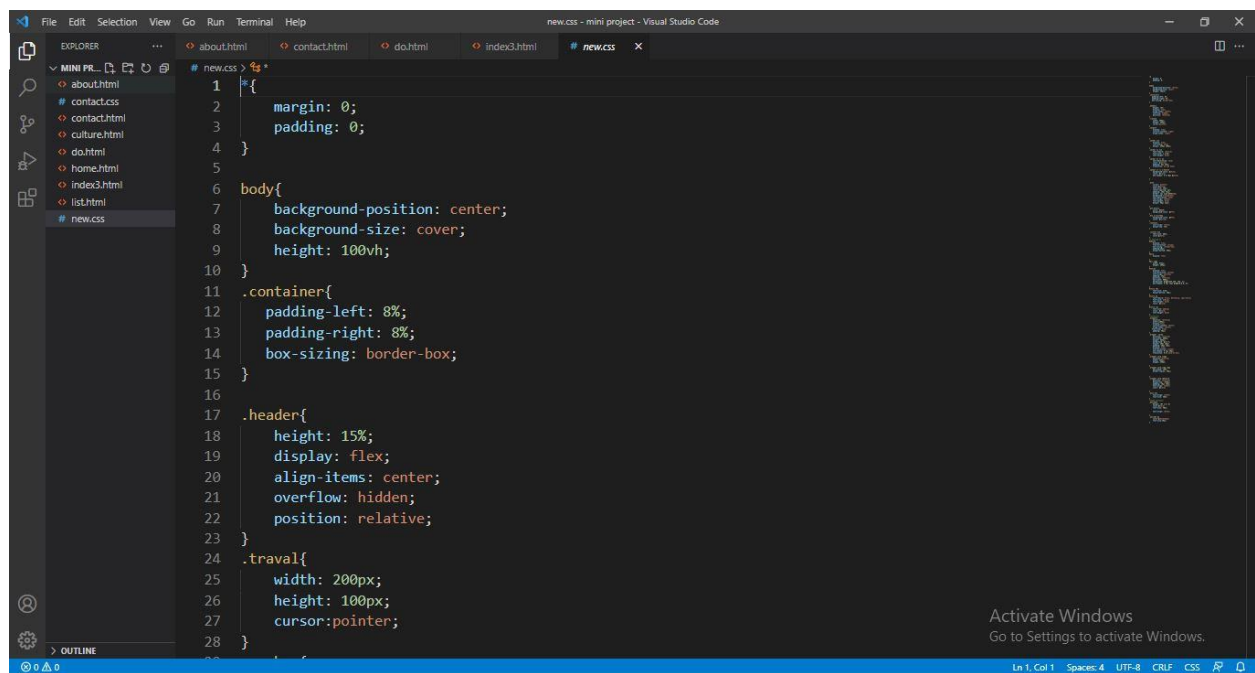


```
1 <html>
2 <head>
3   <title>sri lanka</title>
4   <link rel="stylesheet" href="new.css">
5 </head>
6 <body background="C:\Users\iTEC\Desktop\visual\images\Sri_Lanka_main.jpg">
7
8
9   <div class="container">
10     <div class="header">
11       
12     <div class="navbar">
13       <ul>
14         <li><a href="home.html">HOME</a></li>
15         <li><a href="about.html">TOURISM</a></li>
16         <li><a href="culture.html">CULTURE</a></li>
17         <li><a href="contact.html">CONTACT US</a></li>
18         <li><a href="do.html">TO DO LIST</a></li>
19       </ul>
20     </div>
21   </div>
22 </div>
23 <div class="content">
24   <h1>Pearl Of the Indian Ocean</h1>
25   <button class="btn"><a href="https://en.wikipedia.org/wiki/Sri_Lanka">EXPLORE</button></a>
26 </div>
27
28 </div>
```

Activate Windows
Go to Settings to activate Windows.

Ln 19, Col 22 Spaces: 4 UTF-8 CRLF HTML

CSS Code



The image shows a screenshot of the Visual Studio Code editor interface. The title bar at the top reads "new.css - mini project - Visual Studio Code". The Explorer sidebar on the left shows a file tree with the following items: "MINI PROJECT", "about.html", "contact.css", "contact.html", "culture.html", "do.html", "home.html", "index3.html", "ist.html", and "new.css" (which is selected). The main editor area displays the content of "new.css" with the following CSS code:

```
1 *{
2   margin: 0;
3   padding: 0;
4 }
5
6 body{
7   background-position: center;
8   background-size: cover;
9   height: 100vh;
10 }
11
12 .container{
13   padding-left: 8%;
14   padding-right: 8%;
15   box-sizing: border-box;
16 }
17
18 .header{
19   height: 15%;
20   display: flex;
21   align-items: center;
22   overflow: hidden;
23   position: relative;
24 }
25
26 .traval{
27   width: 200px;
28   height: 100px;
29   cursor: pointer;
30 }
```

At the bottom right of the editor, there is a message that says "Activate Windows" and "Go to Settings to activate Windows." The status bar at the very bottom indicates "Ln 1, Col 1", "Spaces: 4", "UTF-8", "CRLF", "CSS", and "R".

The screenshot shows the Visual Studio Code editor with a project named 'new.css - mini project'. The Explorer sidebar on the left lists files: about.html, contact.css, contact.html, culture.html, do.html, home.html, index3.html, list.html, and new.css. The main editor area displays the content of 'new.css' with the following CSS code:

```
29 .navbar{
30     display: flex;
31     justify-content: right;
32     align-items: right;
33
34 }
35
36 .navbar ul{
37     display: flex;
38     list-style: none;
39     margin: 300px 100px;
40 }
41 .navbar ul li{
42     font-family: century;
43     font-size: 1.1rem;
44     font-weight: bold;
45 }
46 .navbar ul li a{
47     text-decoration: none;
48     color: yellow;
49     padding: 8px 25px;
50     transition: all.5s ease;
51 }
52 .navbar ul li a:hover{
53     background-color: white;
54     color: black;
55     box-shadow: 0 0 10px white;
56 }
```

The status bar at the bottom indicates 'Ln 1, Col 1', 'Spaces: 4', 'UTF-8', 'CRLF', 'CSS', and 'P'.

The screenshot shows the Visual Studio Code editor with the same project. The main editor area displays the continuation of the 'new.css' file with the following CSS code:

```
61     color: yellow;
62     font-size: 18px;
63     letter-spacing: 2px;
64     padding: 10px 30px;
65     border: 2px solid #003333;
66     background: transparent;
67     text-decoration: none;
68     text-align: center;
69     font-weight: bold;
70     margin: 60px 12px;
71
72 }
73 .btn:hover{
74     color: #000;
75     background-color: #fff;
76 }
77 .btn a:visited{
78     background-color: #fff;
79     color: yellow;
80 }
81 .content{
82     text-align: center;
83     margin-top: 12%;
84 }
85
86 .content h1{
87     font-size: 80px;
88     color: white;
```

The status bar at the bottom indicates 'Ln 1, Col 1', 'Spaces: 4', 'UTF-8', 'CRLF', 'CSS', and 'P'.



04)Problems

- To do list Page create
 - HTML and JavaScript code errors and Output is not worked.
- Contact us Page
 - Some errors of JavaScript code therefore contact form not working.
- Front Page
 - Navigation bar create part
Html code errors and CSS code errors

05)Solution Approach

01.To do list page errors

Find the vue.js web tutorial on youtube and google get some idea about vue.js

Ex: Vue.js web tutorials

02.Contact us page errors

Find javaScript tutorial on google and youtube. after studying this tutorial and finding my errors in the code.

Ex: Textbook of web Application

Youtube web tutorials

03.FrontPage errors

Find a web tutorial on creating a navigation bar. Studying those things and finding my errors in the code

Ex: w3 School

Youtube web tutorialas

Textbook of web Application

05)Conclusion

1. Learned how to use correct CSS selectors.
2. Learned Java Script syntax
3. Learned various HTML tags for making an attractive web page
4. Learned use to vue.js framework
5. Received the knowledge of creating a simple web project
6. Learned making attraction web pages

06.)Site Map

