

**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 Submission**

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## **Task 02: Documentation**

### **Introduction**

I'm P.K.U.Devaki. I'm From WD-OL-G2 group. This is my first Web designing Project experience. Exactly this is good opportunity to enter the Web designing and development field. First I would like to explain what is web site and what is web designing.

Web site is a set of related web pages located under a single domain name, typically produced by a single person or organization. Web design encompasses many different skills and disciplines in the production and maintenance of websites. The different areas of web design include web graphic design; user interface design; authoring, including standardized code and proprietary software; user experience design; and search engine optimization.

The topic of my project is “Pearl of the Indian ocean”. This web design is target the people who have interest for Tourism in Sri Lanka. This page has mainly 6 pages.

For My Mini project I used mainly Html, Css, Vuejs and JavaScript. This is big experience. The following pages I would like to explain my Web designing procedure step by step.

The following details are:-

1. FrontPage
2. Problem
3. Solution Approach
4. Architectural diagram of the system
5. Site Map
6. Used web technologies and examples
7. Test Results
8. Conclusion

## 1. FrontPage

The FrontPage means that the Home page I think. The home page is most important and most fabulous thing is Web Page. In the home page we can create many ways and many types. But the important and interesting thing and most common way is entering main details very carefully. First my web page has Header tag and It contains favicon, title, Navigation bar, Home page, where to go, things to do, booking facility page, Queries and To do list.

Especially my page has some interesting thing this is user can create their own account and feel the abstract of my web page. And at the final page I created some form for submission.

About us page has another special thing about me. And gallery show the amazing images about hotels. For contact I entered some further details.

The summery of my web page is like that:-

- Home page contains the main things of website and some things that how foreign see our Country.
- Where to go page contains the 25 District tourist places that in Sri Lanka.
- Things to page contains the Main things that the tourists exactly do and never miss.
- Booking page contains the Main hotels and their facilities.
- Finally I created Queries page and it has login account creation, to do list and about us.

## **2. Problem(s) – sub-problems, constraints**

### **Problems:-**

- First I faced the contain in my webpage for need to do in my best.
- Getting some coding errors and when I was fixing code issue then I got some issues in another codes also.
- Next my next problem is color matching.
- Inserting proper images and styles.
- Using hover affect.
- JavaScript and Vuejs issues because these frameworks are very new to me.
- Font using and choose the most matching font for relevant frame.

### **Sub-problems**

- Text align issues
- Content align issues
- Using hover affect
- Div tag problems
- Insert the comments for web design source code.

### **Constraints**

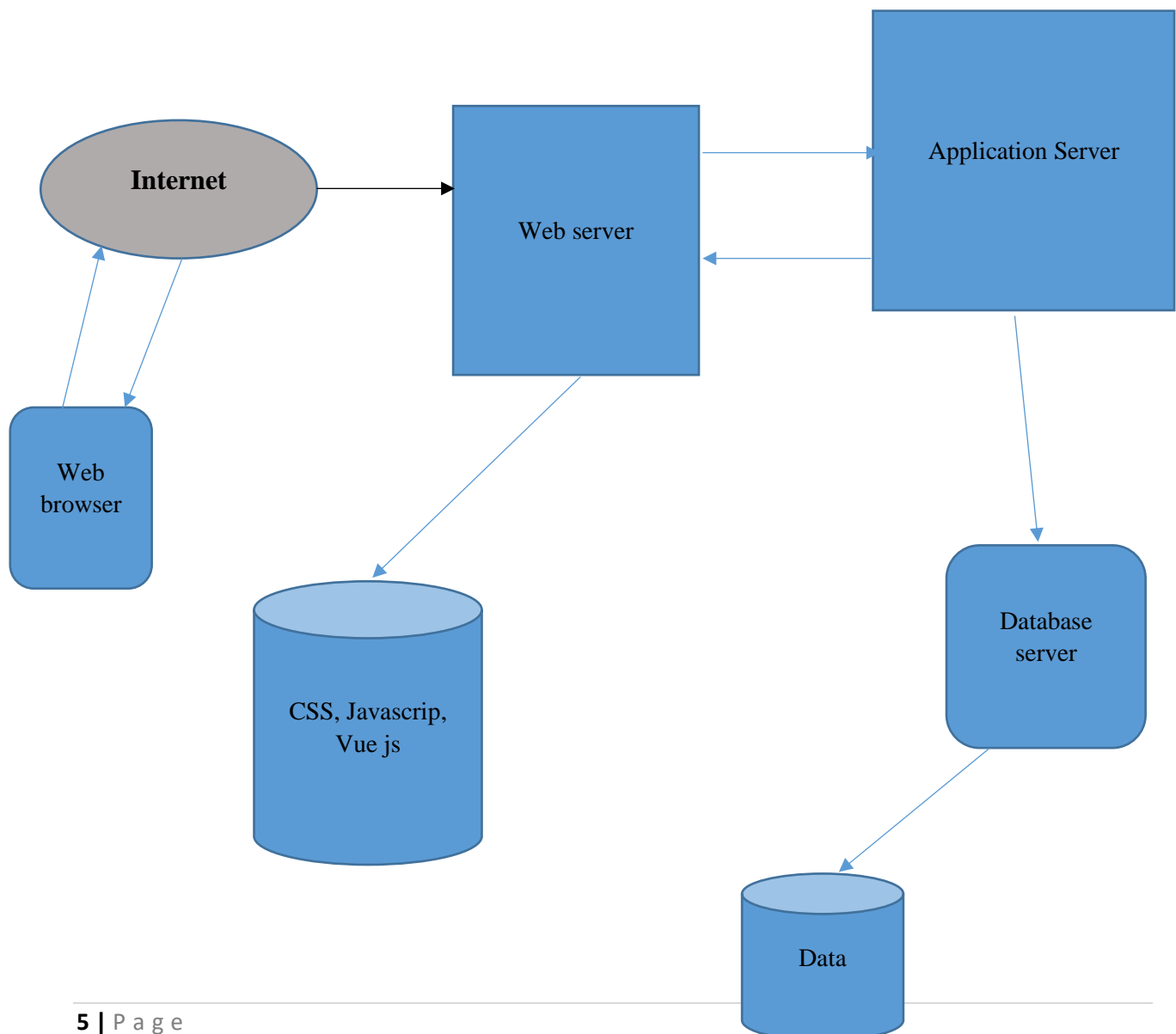
- I think I don't have any constraints in this Assignment because we can't get templates and other effect to designing the web page.
- We must coding own our fingers.

### 3. Solution Approach

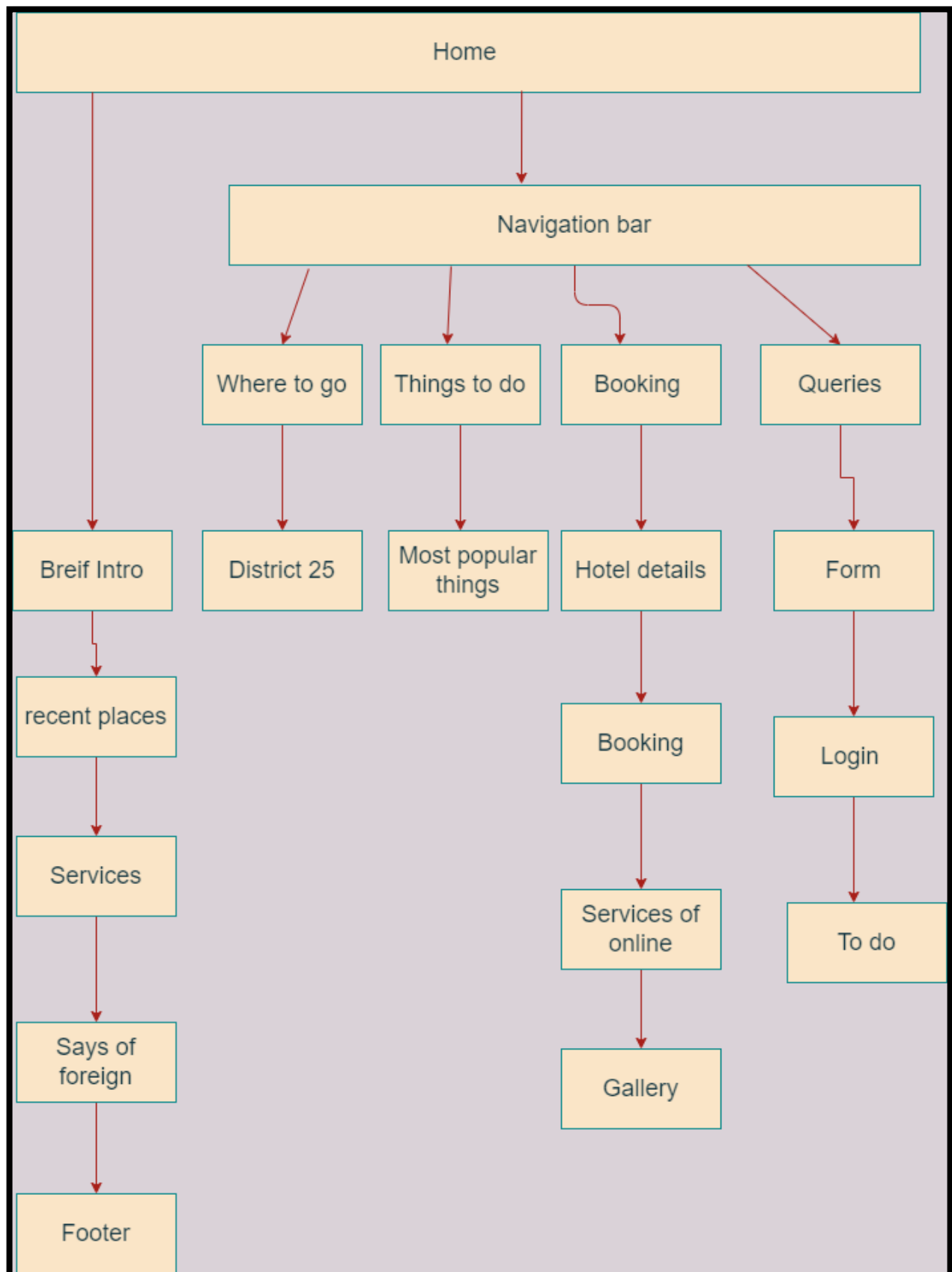
In the following list I contained my problems and the solutions that I give.

- I explore the main tourism web pages for get perfect idea for my contain.
- I use Photoshop for editing some pictures for proper absorbing.
- I prefer some YouTube videos regarding the web design. Only I use my own codes but I get ideas for that.
- I browse w3 schools web site for solute my coding errors.
- I use Solo learn descriptions for better idea.
- Asking help from my peers and seniors.
- Got some idea from our text-book.

### 4. Architectural Diagram



## 5. Site Map



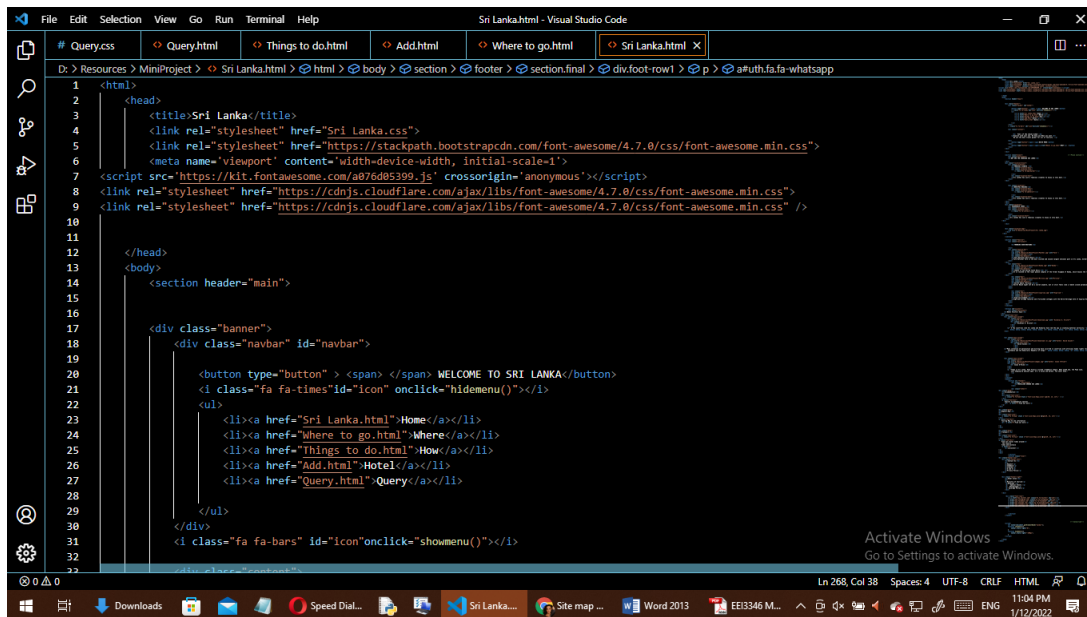
## 6. Used web technologies and examples

Web technologies;

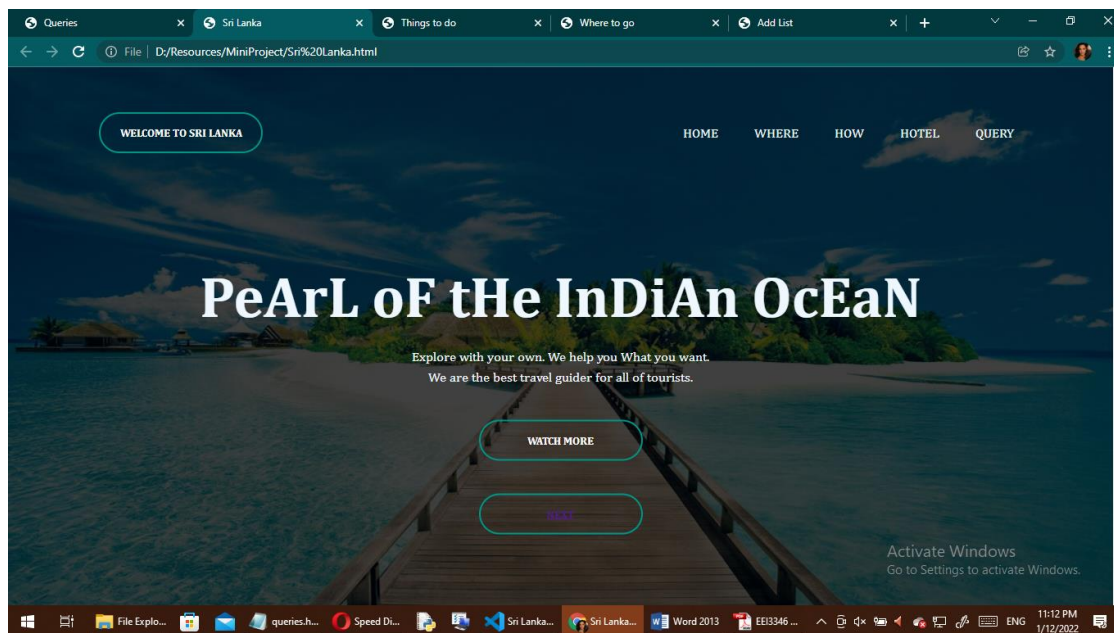
- Browsers: Google chrome
- Internet Explorer
- Mozilla Firefox

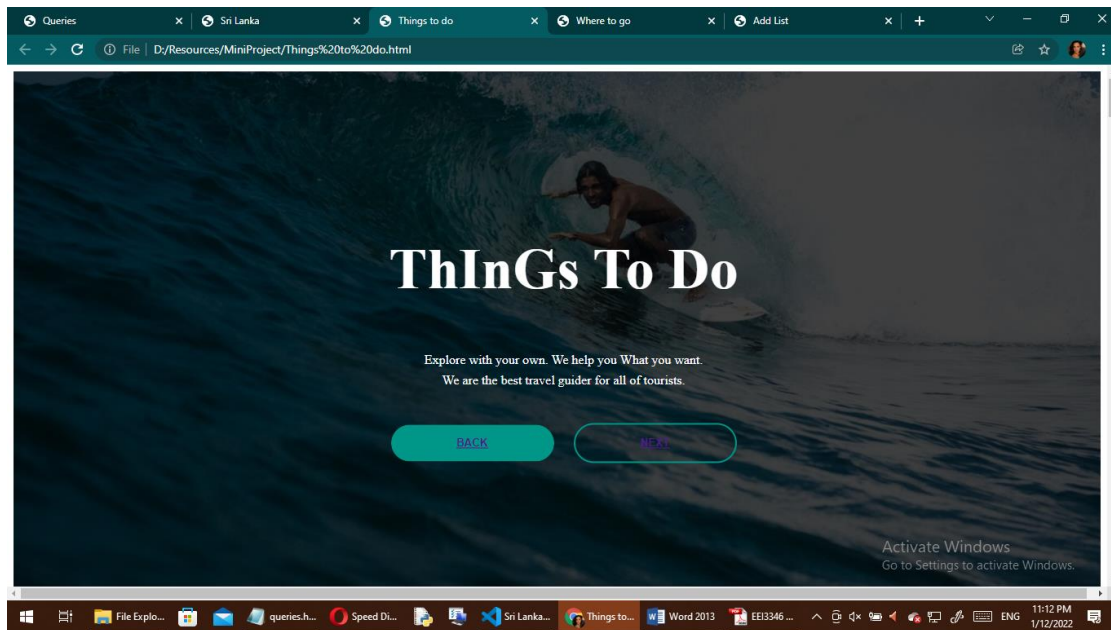
Languages;

- Html

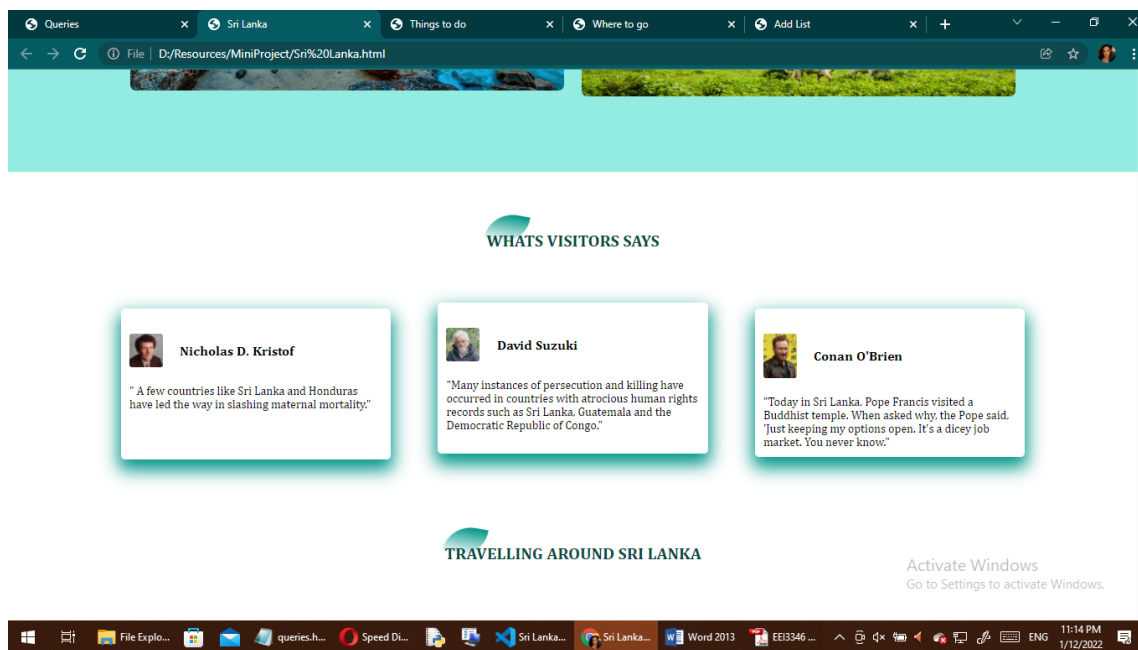


```
1 <html>
2 <head>
3   <title>Sri Lanka</title>
4   <link rel="stylesheet" href="Sri Lanka.css">
5   <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css">
6   <meta name="viewport" content="width=device-width, initial-scale=1">
7   <script src="https://kit.fontawesome.com/a076d05399.js" crossorigin="anonymous"></script>
8   <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
9   <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css" />
10
11 </head>
12 <body>
13   <section header="main">
14
15     <div class="banner">
16
17       <div class="navbar" id="navbar">
18
19         <button type="button" > <span> </span> WELCOME TO SRI LANKA</button>
20         <i class="fa fa-times" id="icon" onclick="hidemenu()"></i>
21         <ul>
22           <li><a href="Sri Lanka.html">Home</a></li>
23           <li><a href="Where to go.html">Where</a></li>
24           <li><a href="Things to do.html">How</a></li>
25           <li><a href="Add.html">Hotel</a></li>
26           <li><a href="Query.html">Query</a></li>
27         </ul>
28       </div>
29     </div>
30   </section>
31   <i class="fa fa-bars" id="icon" onclick="showmenu()"></i>
32 </body>
33 </html>
```





- CSS

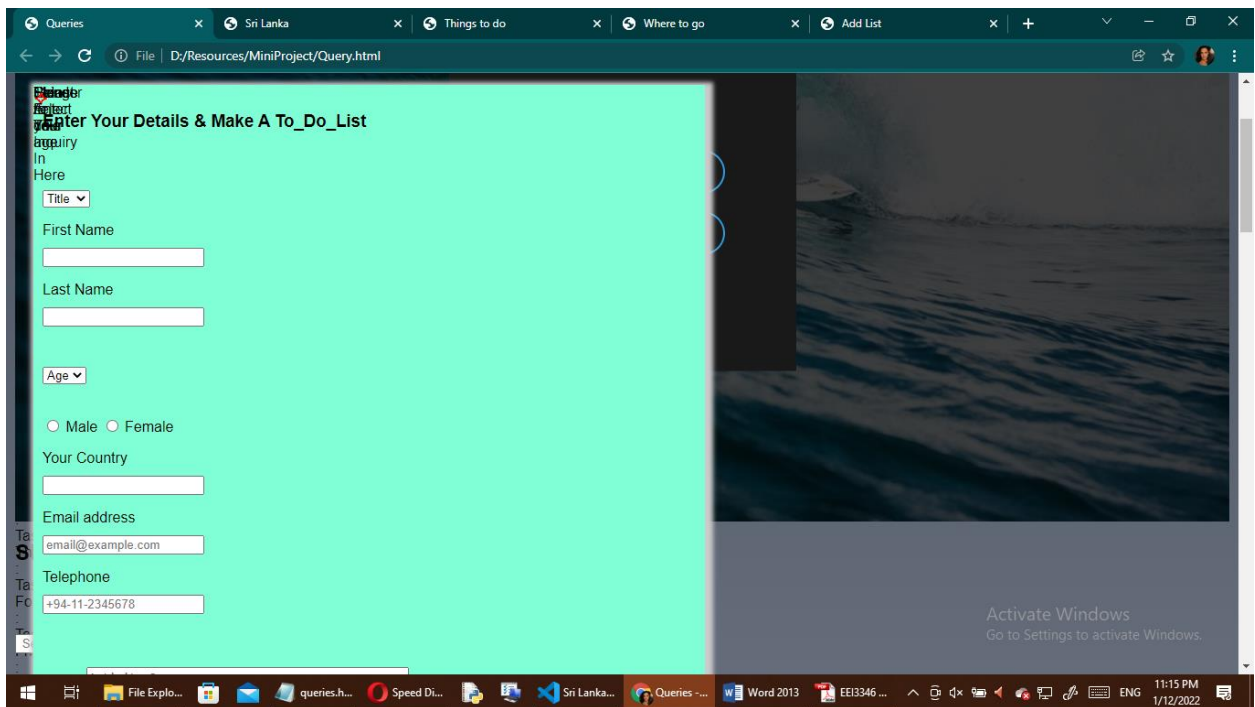




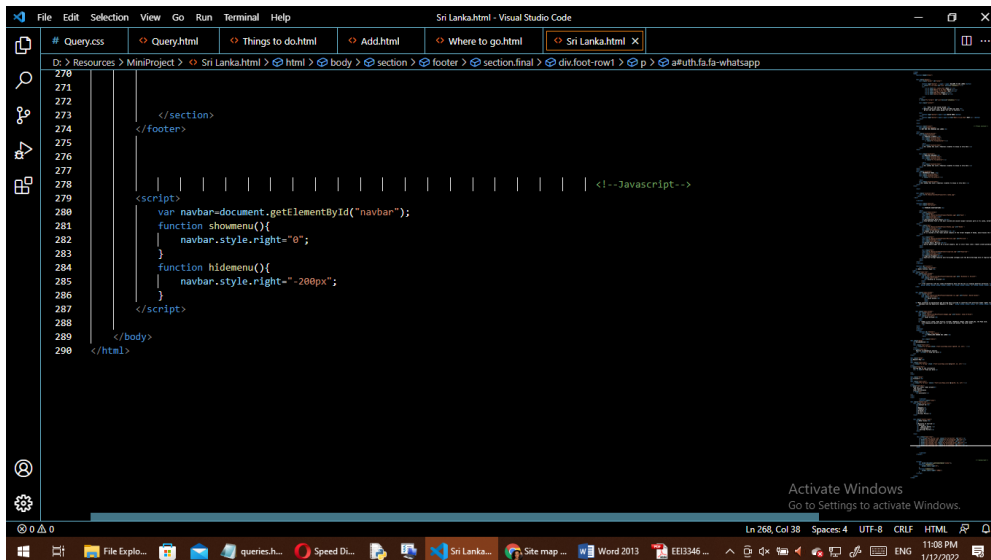
```
1 .banner{
2   width: 100%;
3   height: 100vh;
4   background-image: linear-gradient(to top right, transparent 49%, #000000 49%, #000000 51%, #ffffff 51%, #ffffff 53%, #000000 53%, #000000 55%);
5   background-size: cover;
6   background-position: center;
7 }
8
9 .content hi{
10  color: white;
11  font-size: 70px;
12  margin-top: -10px;
13 }
14
15 .content p{
16  margin: 20px auto;
17  font-weight: 100;
18  line-height: 25px;
19  color: white;
20 }
21
22 .content{
23  width: 100%;
24  position: absolute;
25  top: 57%;
26  transform: translateY(-50%);
27  text-align: center;
28 }
29
30 button{
31  width: 200px;
32  padding: 15px 0;
33  text-align: center;
34  margin: 20px 10px;
35 }
```

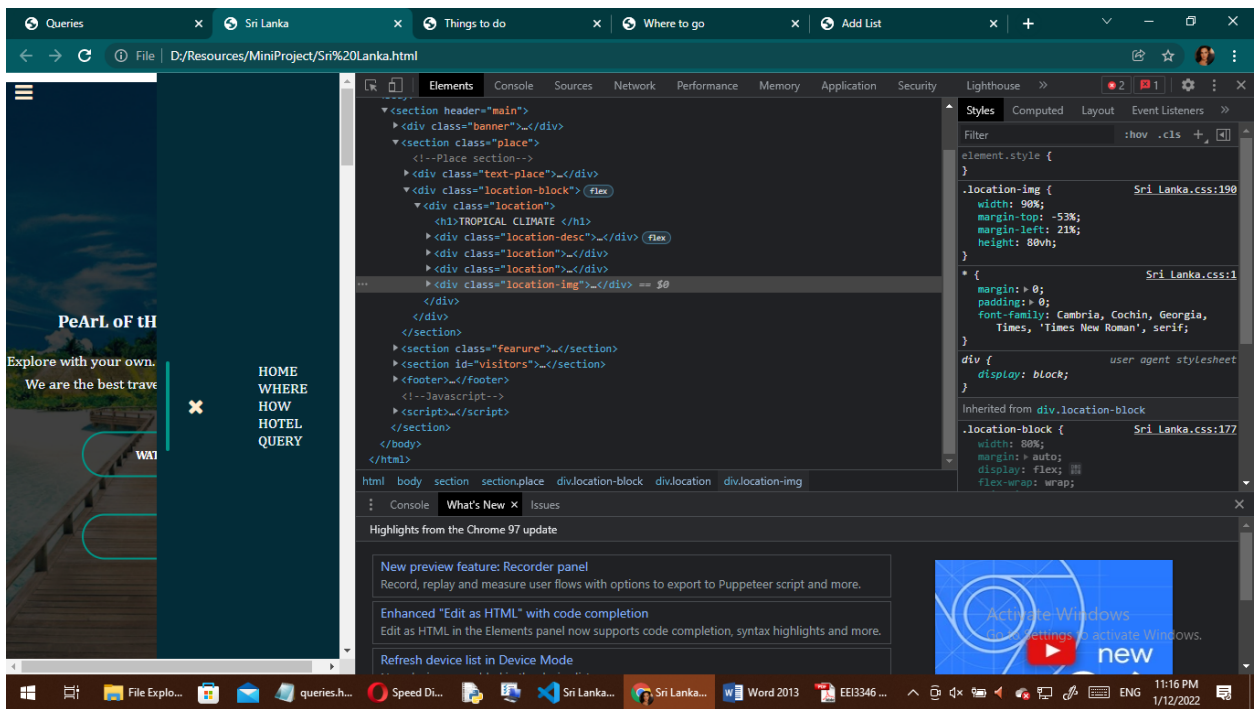
- Vuejs

```
144 </nav>
145 </div>
146
147 <!-- vuejs htmls -->
148 <div id="app" style="margin-top:150px;">
149   <div class="rightone">
150     <span class="span1">Welcome <b>{{title}} </b><b>{{fname}}</b><br><br>
151     Please check your details before you submit. <br><br><br>
152     Last Name : <{{lname}}><br><br>
153     Age : <{{age}}><br><br>
154     Gender : <{{gender}}><br><br>
155     Country : <{{country}}><br><br>
156     Email : <{{email}}><br><br>
157     Telephone : <{{telephone}}><br><br>
158     Task One : <{{labela}}><br>
159     Task Two : <{{labelb}}><br>
160     Task Three : <{{labelc}}><br>
161     Task Four : <{{labeld}}><br>
162     Task Five : <{{labeld}}><br>
163     Task Six : <{{labelf}}><br>
164     Task Seven : <{{labelg}}><br>
165     Task Eight : <{{labelh}}><br>
166     Task Nine : <{{labeli}}><br>
167     Task Ten : <{{labelj}}><br><br>
168     Your Inquiry : <{{para}}></span>
169   </div>
170   <div class="leftone">
171     | | | <h3>Enter Your Details & Make A To_Do_List</h3><br>
172     <span>Select A Title
173     | | | <span></span></span></div>
174     <select v-model="title" class="tags" required>
175     <option disabled value="">Title</option>
176   </div>
```



- JavaScript





Compiler IDE;

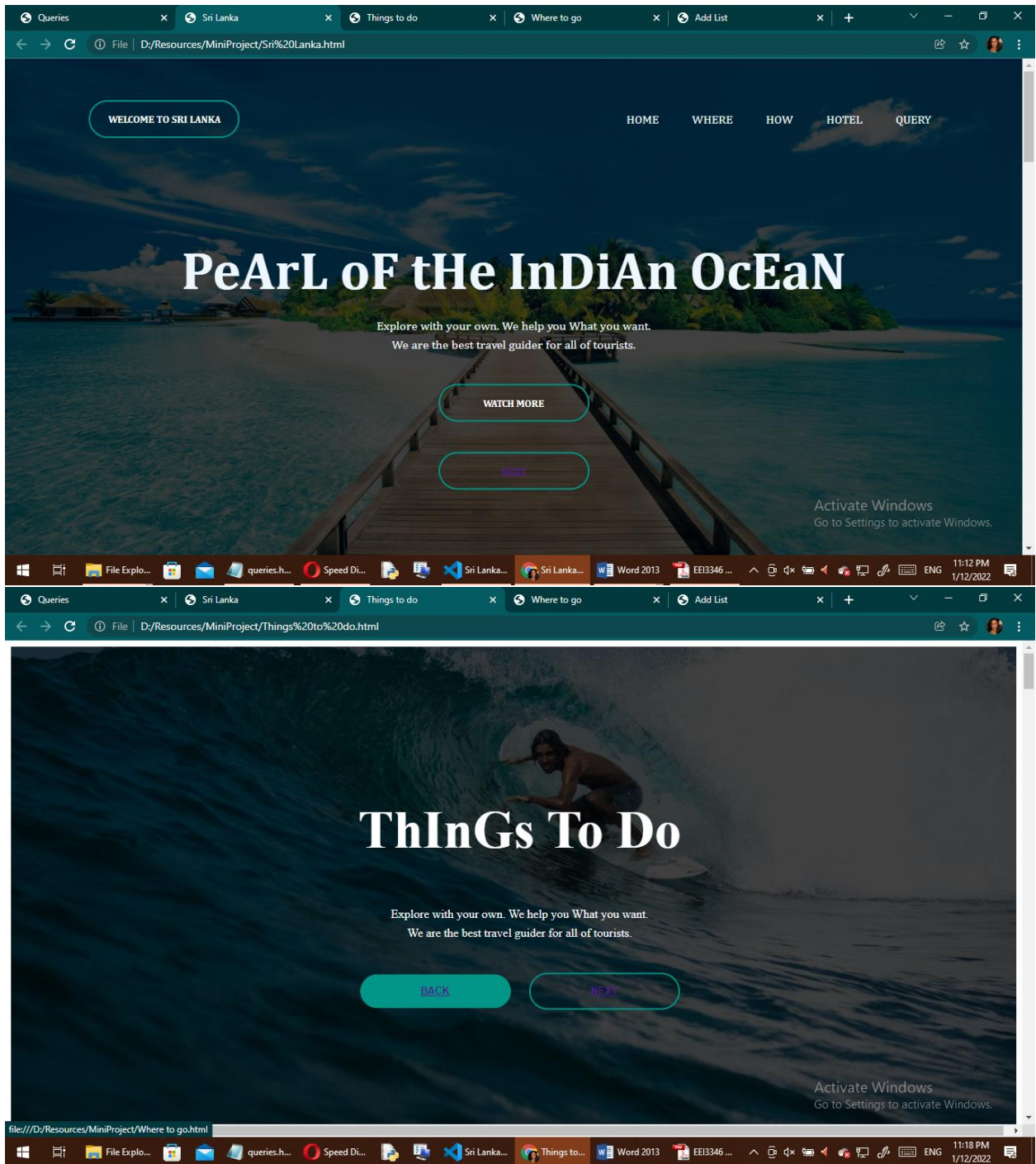
- Vs Code
- Note pad

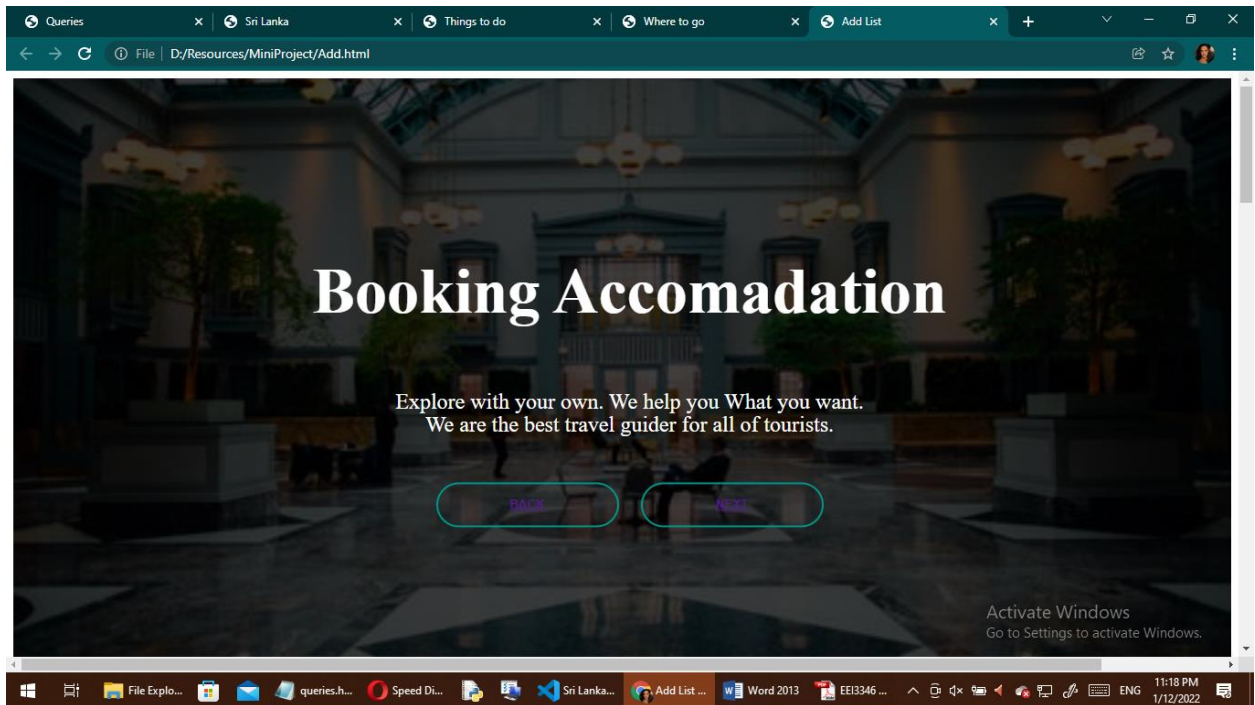
## **7. Test Results**

- **First section of pages**

**There is navigation bar and some buttons for that I used html and css. In addition Most popular places I have added. There like that,**

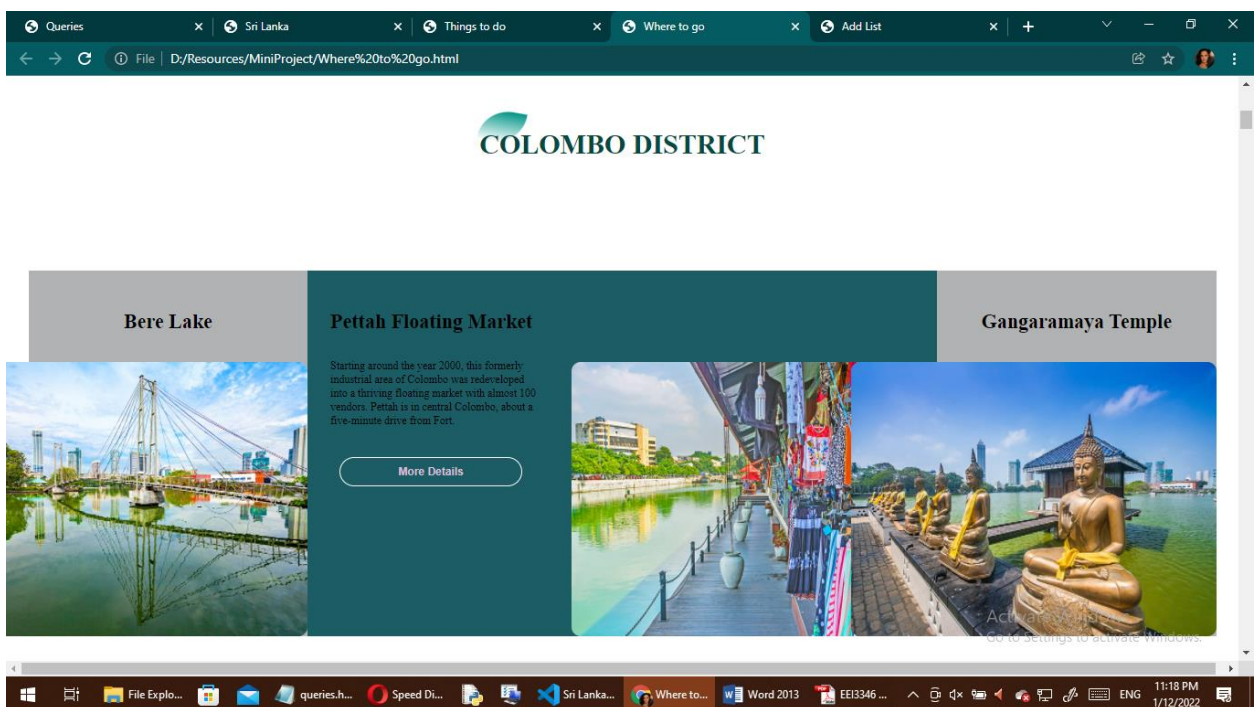
**And also I have added @media tag to get mobile version output perfectly. There are like that.**



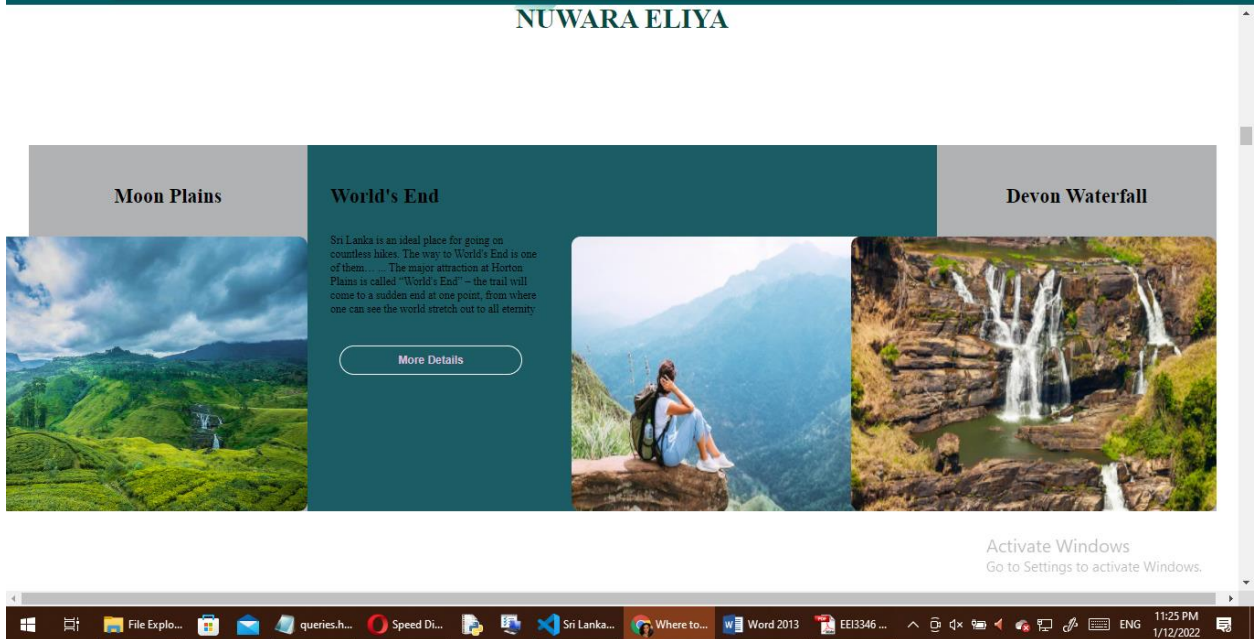
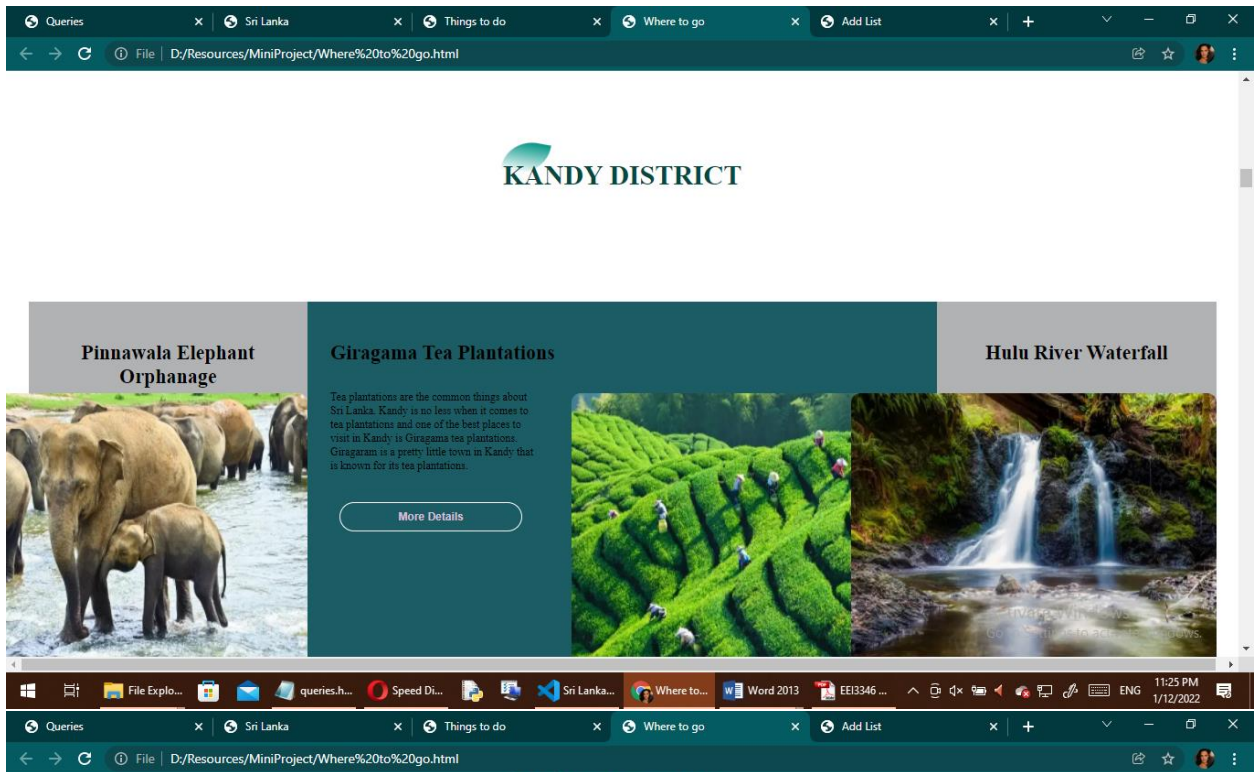


- Where to go page

**I created all the district most popular tourist places. This is very special to me.**












- Things to do






coming into its own. Its ancient fort is a delight to explore and far less crowded than Galle. Nallur Kandaswamy Hindu temple is a hive of devout worshippers and the markets are colourful, lively and the perfect introduction to local life in the north. Uncrowded beaches and islands are but a short hop away, too, as is Keerimalai Hot Springs, a popular bathing spot for curing all that ails you.

*nallur-kevil*      *Inside*      *Tamil-Foods*      *Jaffna-fort*      *Yal devi*

**SEAFOOD AND EAT IT, WHEREVER YOU GO!**

Sri Lankan food is not dissimilar to that served in India to the north. But with the sea never far away, the emphasis is on seafood, always fresh and delicious, caught that very day. Jaffna Crab Curry is regarded as the best in the world, especially when sampled at the source where chefs take their time to grind the coconut, making the paste toasty and rich. In the south, seek out Squid Curry, cooked quickly in coconut cream and lime juice.

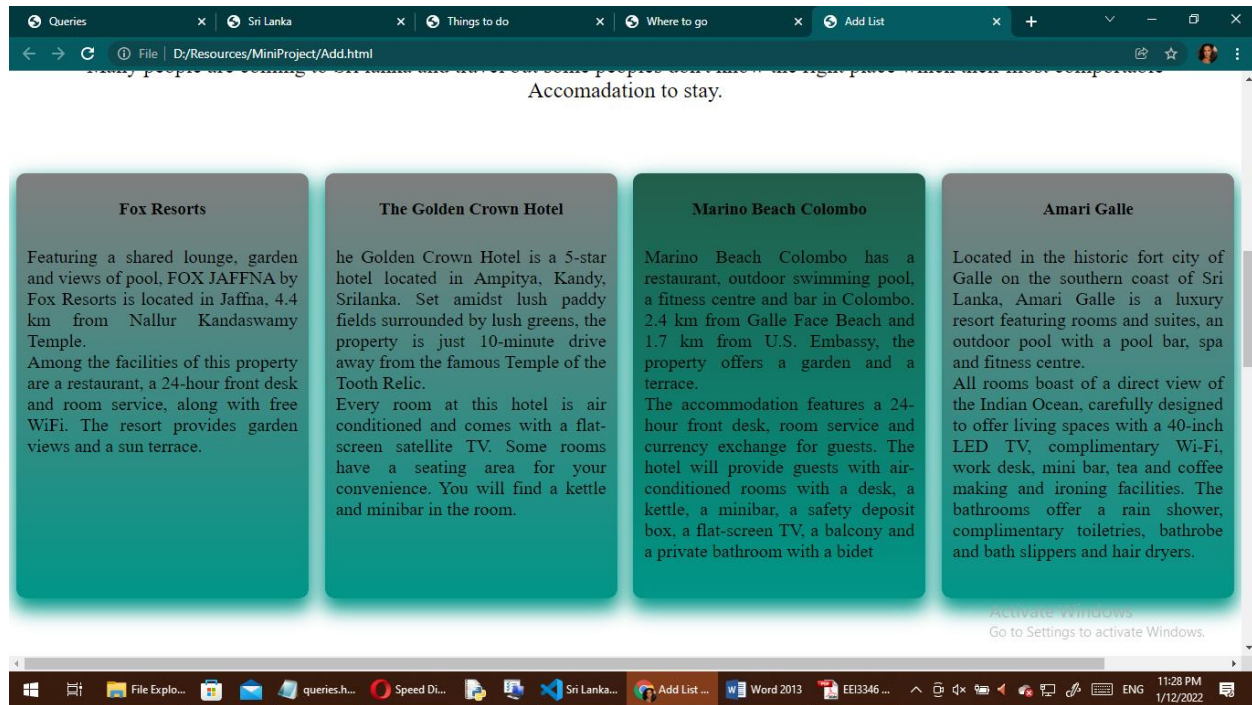
*Sea-food*      *Prawn Curry*      *Banana leaf*      *Delicious*      *Crab-curry*

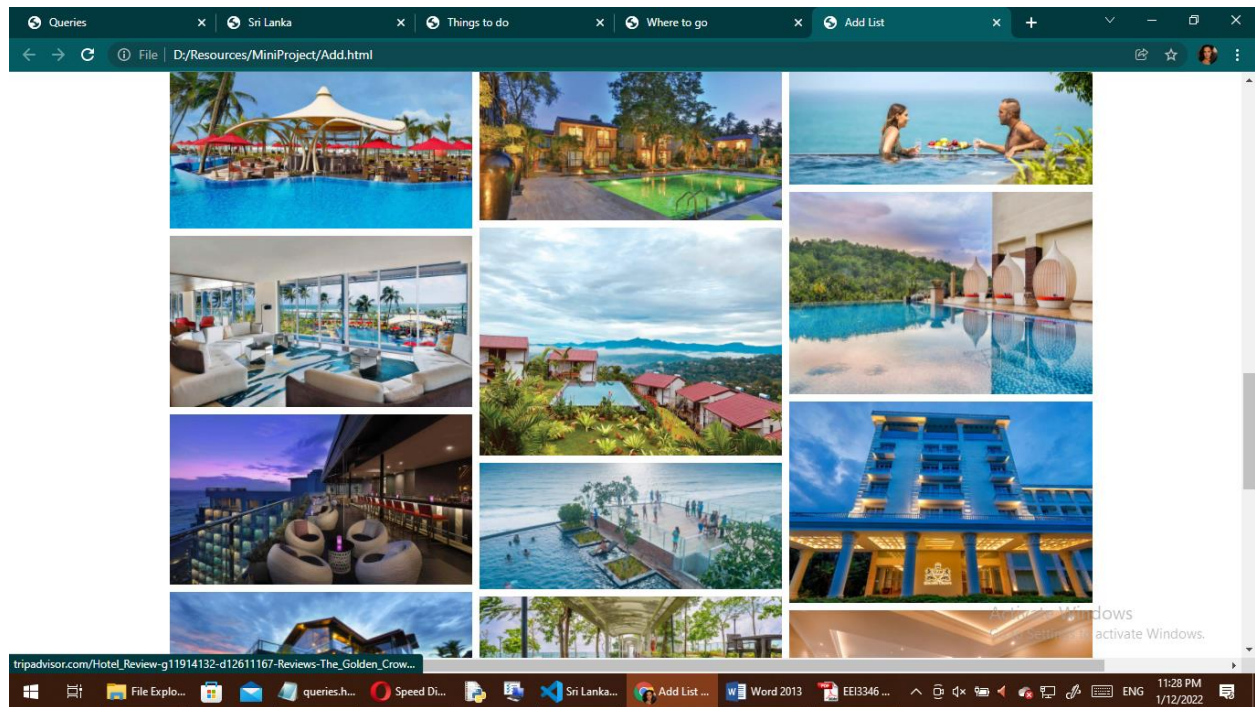
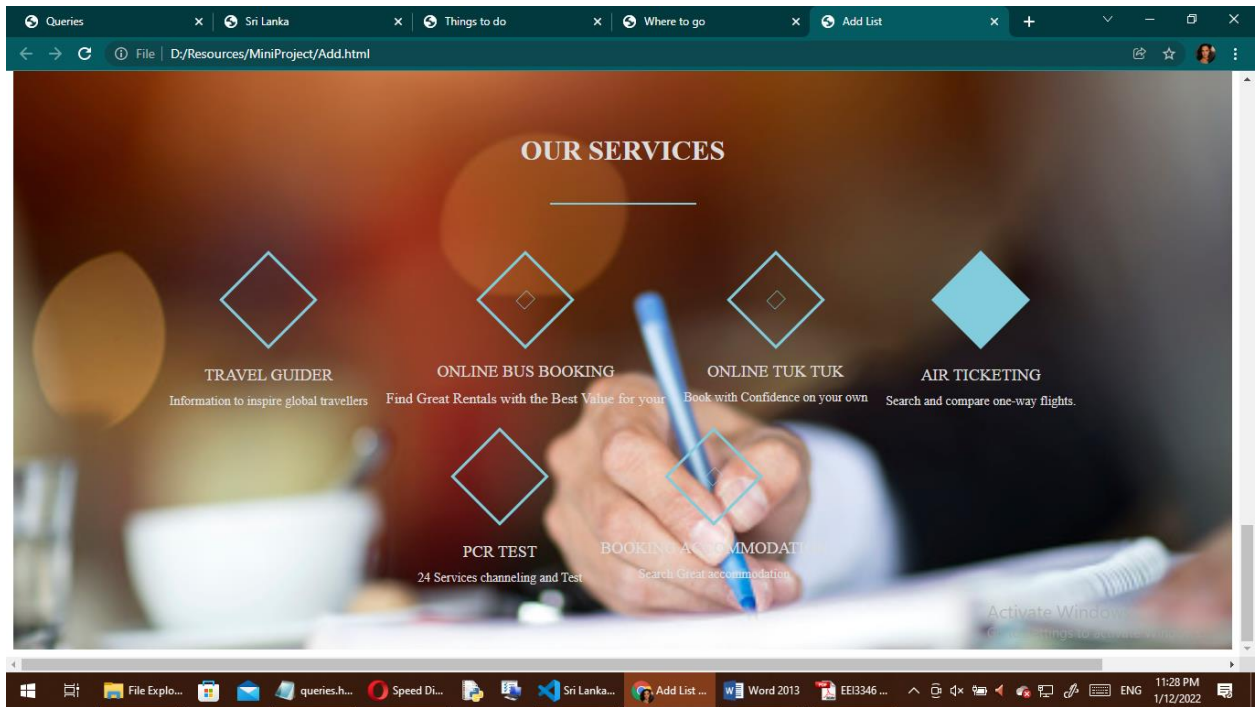
**HAVE A CLOSE ENCOUNTER WITH WHALES**



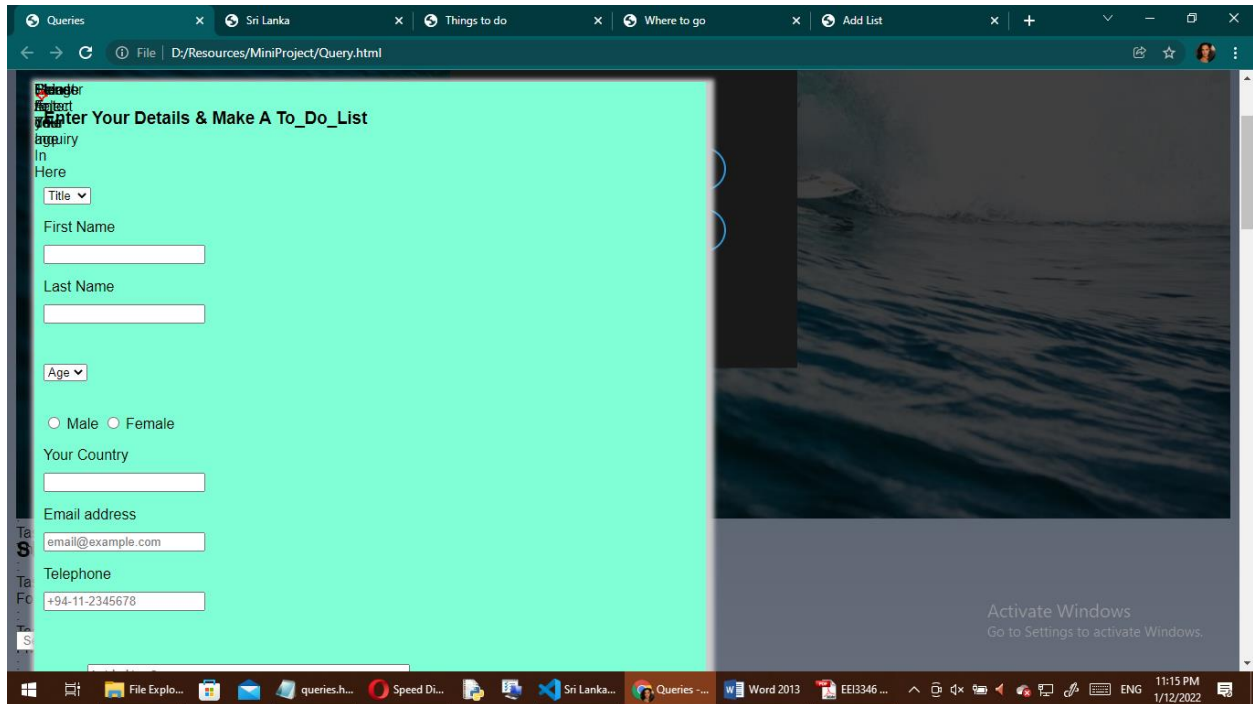
- **Booking page**

**In this page I created most popular hotels and their details and other service I will be provided.**





- Quires



## **Conclusion**

Conclusion As over all I did my web designing very well. This is help to build up my knowledge.

Thank you !