Web Application Development
EEI3346
MIni Project Submission
Documentation

D.A.G. De Silva
S92066276
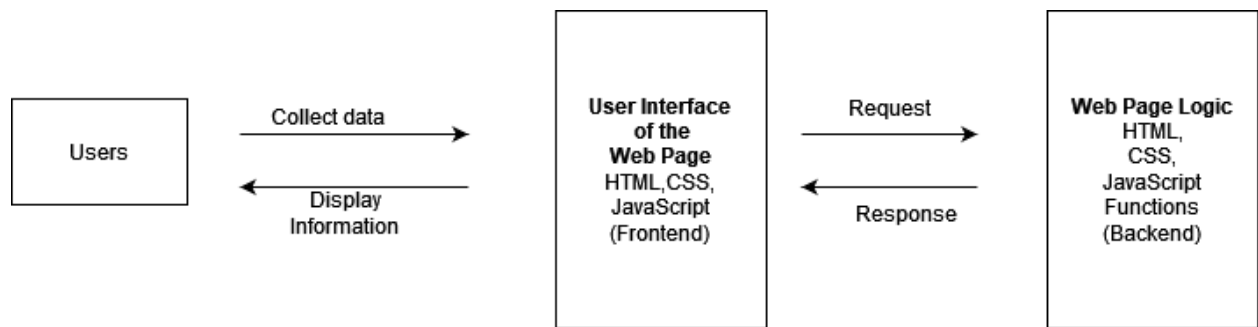
Problems

1.How to use Graphical symbols When making the Todo list.

2.How to Get all the pictures in the HomePage in a pattern.

3.How to fix the footer to the bottom of the page.

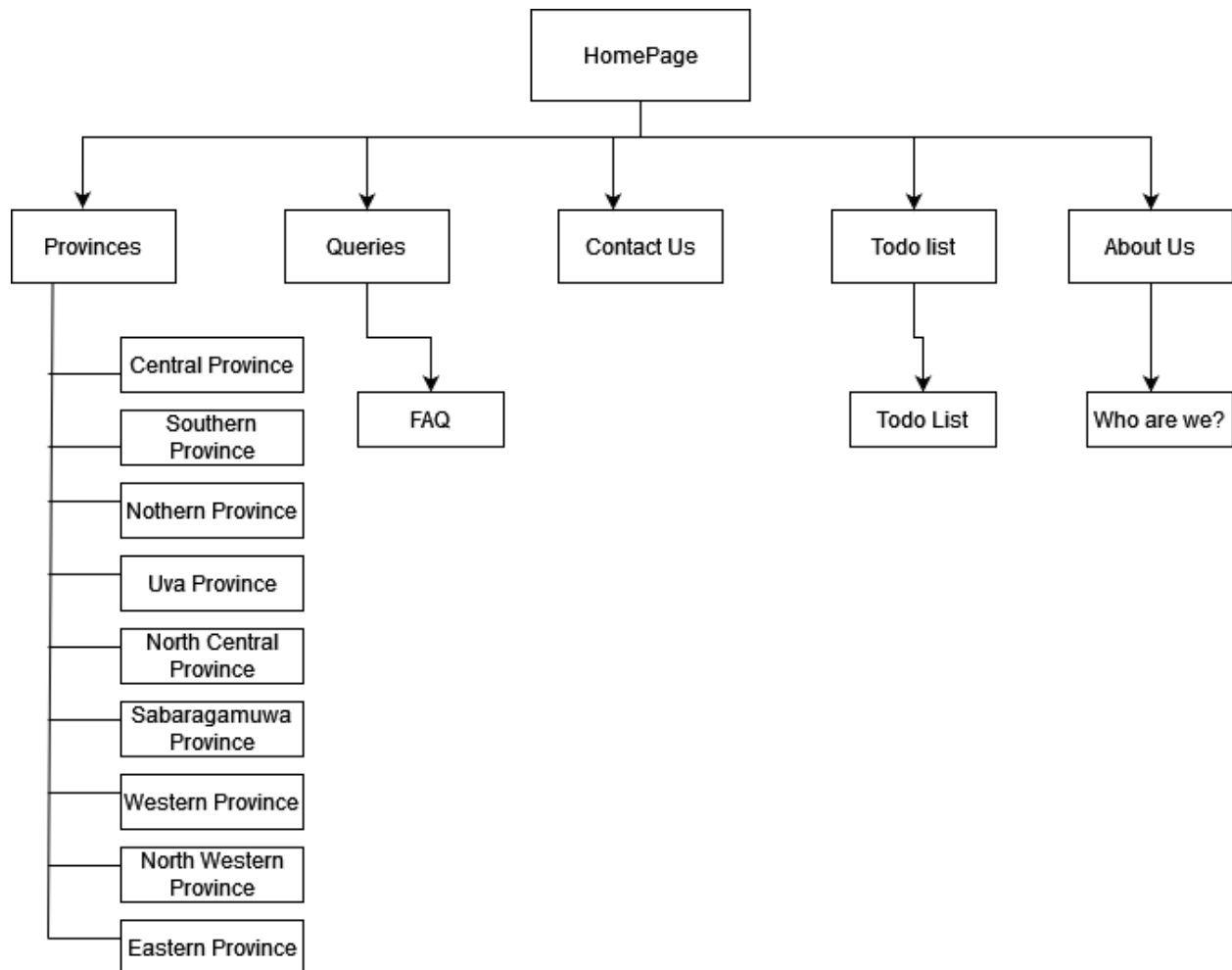## Solution approach

1.Can use font-awesome by getting a link from their website and pasting it as a css link.

After that use a tag and give the symbol name you want.

2.Can supply a fixed width for each image.

3.Used line breakers.

Architectural diagram of the system

| | Collect data | User Interface of the Web Page HTML,CSS, JavaScript (Frontend) | Request | Web Page Logic HTML, CSS, JavaScript Functions (Backend) |

Users → Collect data → User Interface of the Web Page HTML,CSS, JavaScript (Frontend) → Request → Web Page Logic HTML, CSS, JavaScript Functions (Backend)

Users ← Display Information ← User Interface of the Web Page ← Response ← Web Page Logic

Site Map

```
                              ┌─────────────┐
                              │  HomePage   │
                              └─────────────┘
        ┌──────────────┬──────────────┼──────────────┬──────────────┐
        ▼              ▼              ▼              ▼              ▼
  ┌───────────┐  ┌───────────┐  ┌───────────┐  ┌───────────┐  ┌───────────┐
  │ Provinces │  │  Queries  │  │ Contact Us│  │ Todo list │  │ About Us  │
  └───────────┘  └───────────┘  └───────────┘  └───────────┘  └───────────┘
        │              │                              │              │
        │              ▼                              ▼              ▼
        │         ┌─────────┐                   ┌───────────┐  ┌─────────────┐
   ┌────┴──────┐  │   FAQ   │                   │ Todo List │  │ Who are we? │
   │Central    │  └─────────┘                   └───────────┘  └─────────────┘
   │Province   │
   ├───────────┤
   │Southern   │
   │Province   │
   ├───────────┤
   │Nothern    │
   │Province   │
   ├───────────┤
   │Uva        │
   │Province   │
   ├───────────┤
   │North      │
   │Central    │
   │Province   │
   ├───────────┤
   │Sabaragamuwa│
   │Province   │
   ├───────────┤
   │Western    │
   │Province   │
   ├───────────┤
   │North      │
   │Western    │
   │Province   │
   ├───────────┤
   │Eastern    │
   │Province   │
   └───────────┘
```

Used Web Technologies and Examples

1.HTML

HTML was used to build the web page's basic design.

Ex:
- Add a Navigation bar.
- Make Headers
- Add information to the web page.
- Make a footer.
- Add external links.

2.CSS

CSS was used to add styles to the webpage.

Ex:
- Add color to the navigation bar.
- Format header Styles.
- Change font style,font size,font color.
- Add colors to the page.
- Style Images.

3.JavaScript

Javascript was used to make the web page interactive.

Ex:
- Making a todo list where users can add or remove tasks.

Test Results and Descriptions

1.Home Page

Home Page consists of Basic information about SriLanka and Users can choose which provinces they want to visit from the front page.
Also Home page consists of a Navigation bar and a footer which are also in all the distinct pages linked to the website.
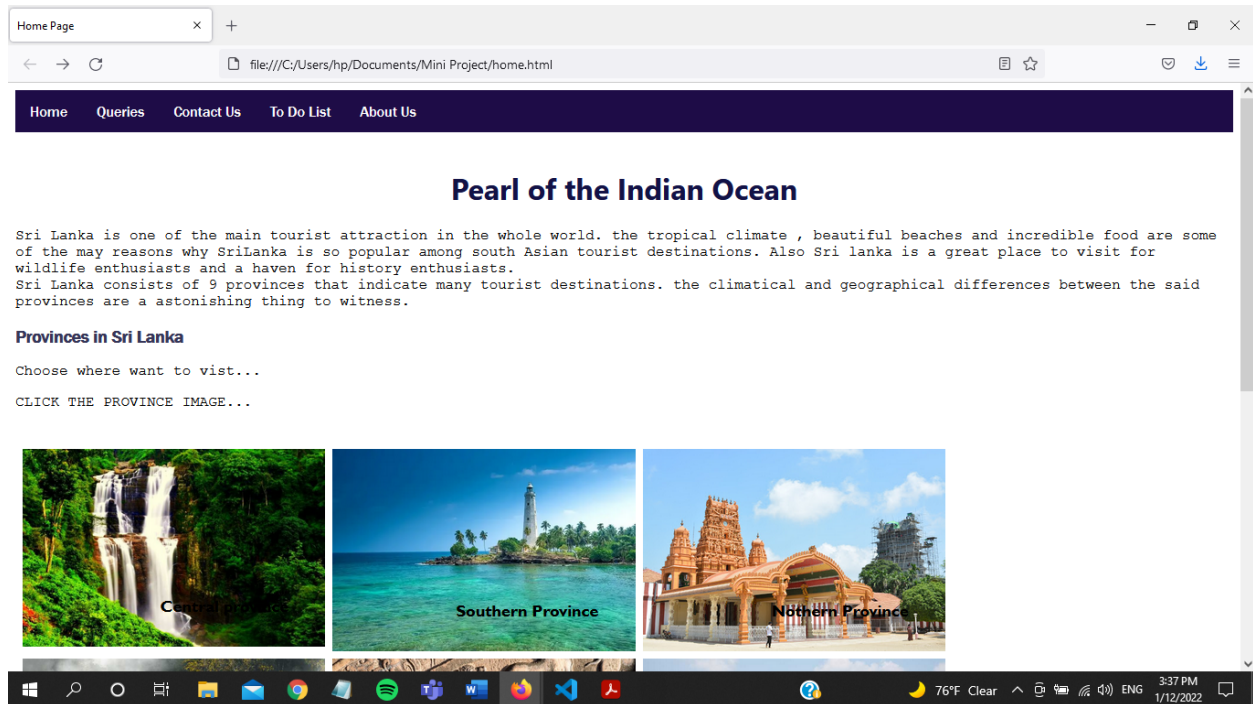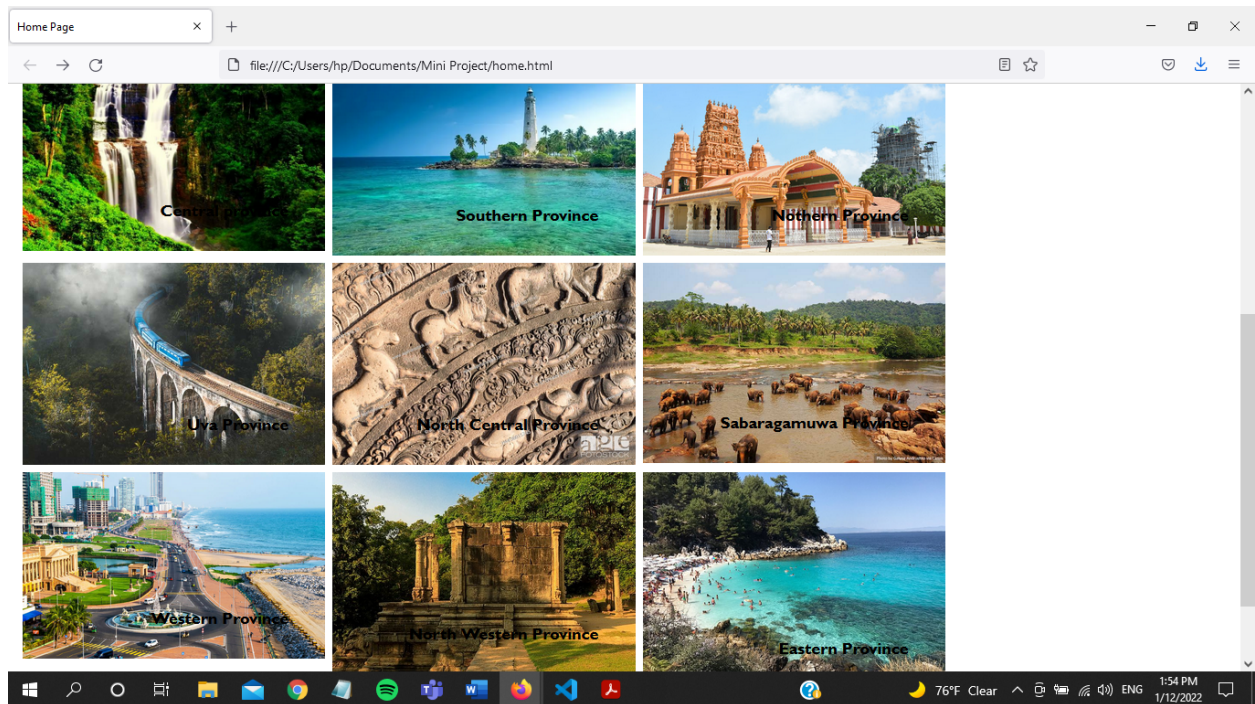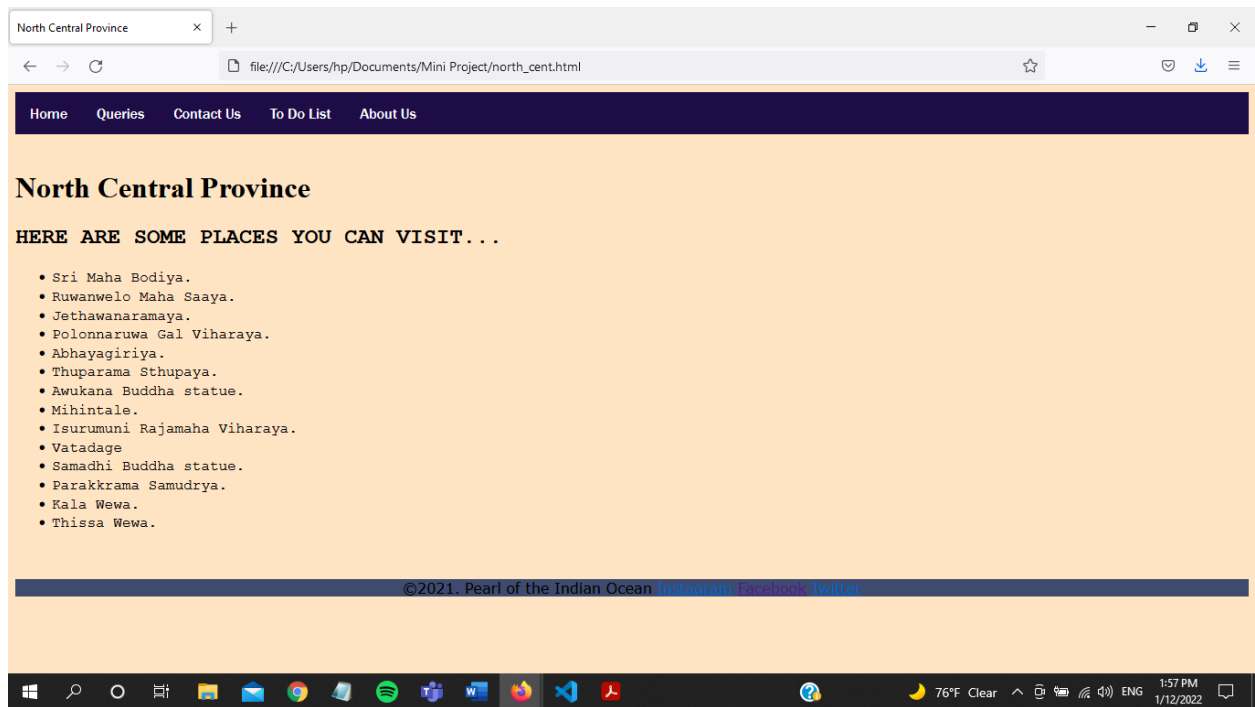
If the User click on one of these images with the Province name on it, It will take you to the relevant province's page.

2.Province pages

It all has the same structure. It will show some popular tourist destinations in the province. There are 9 pages for 9 Provinces.
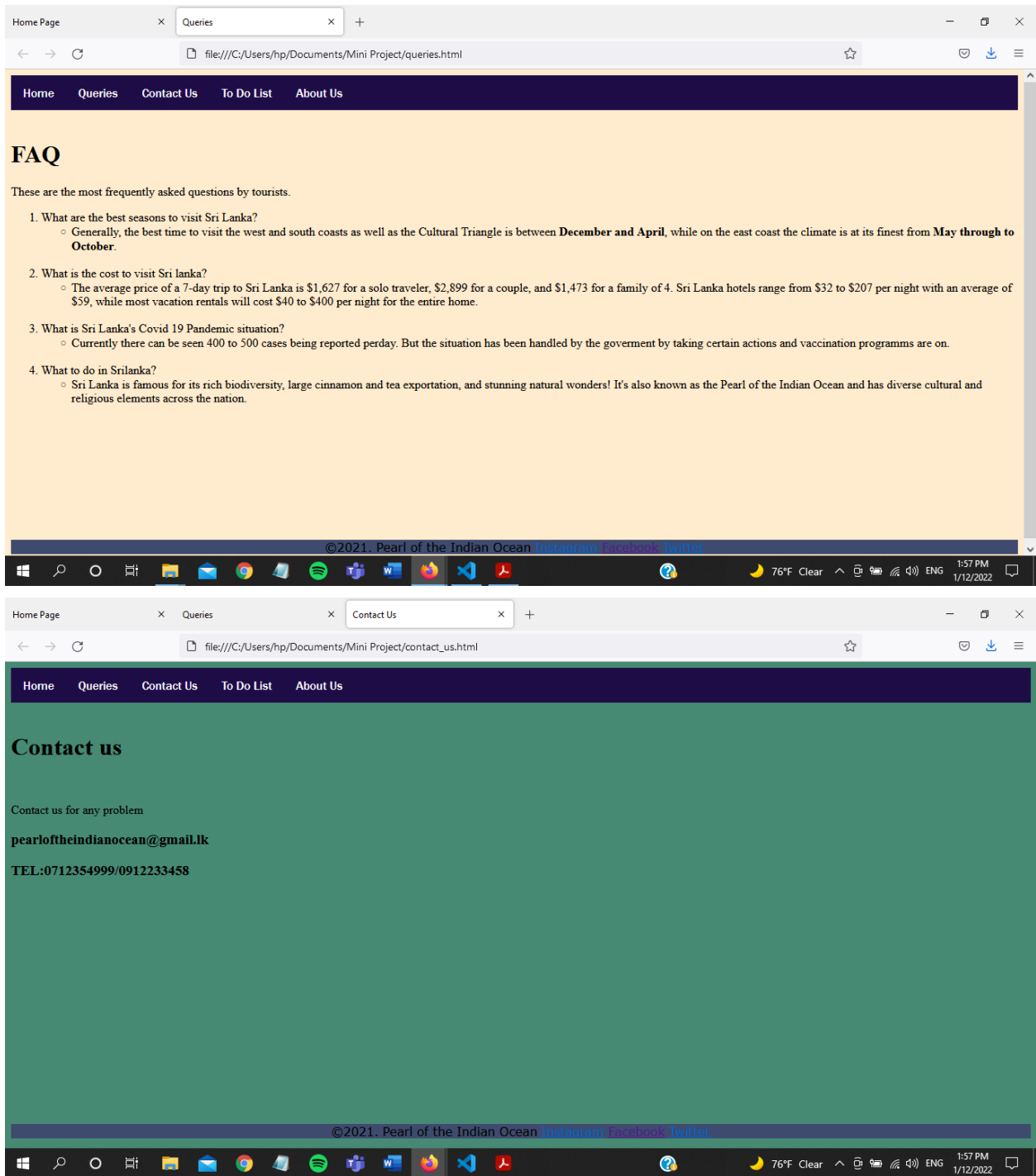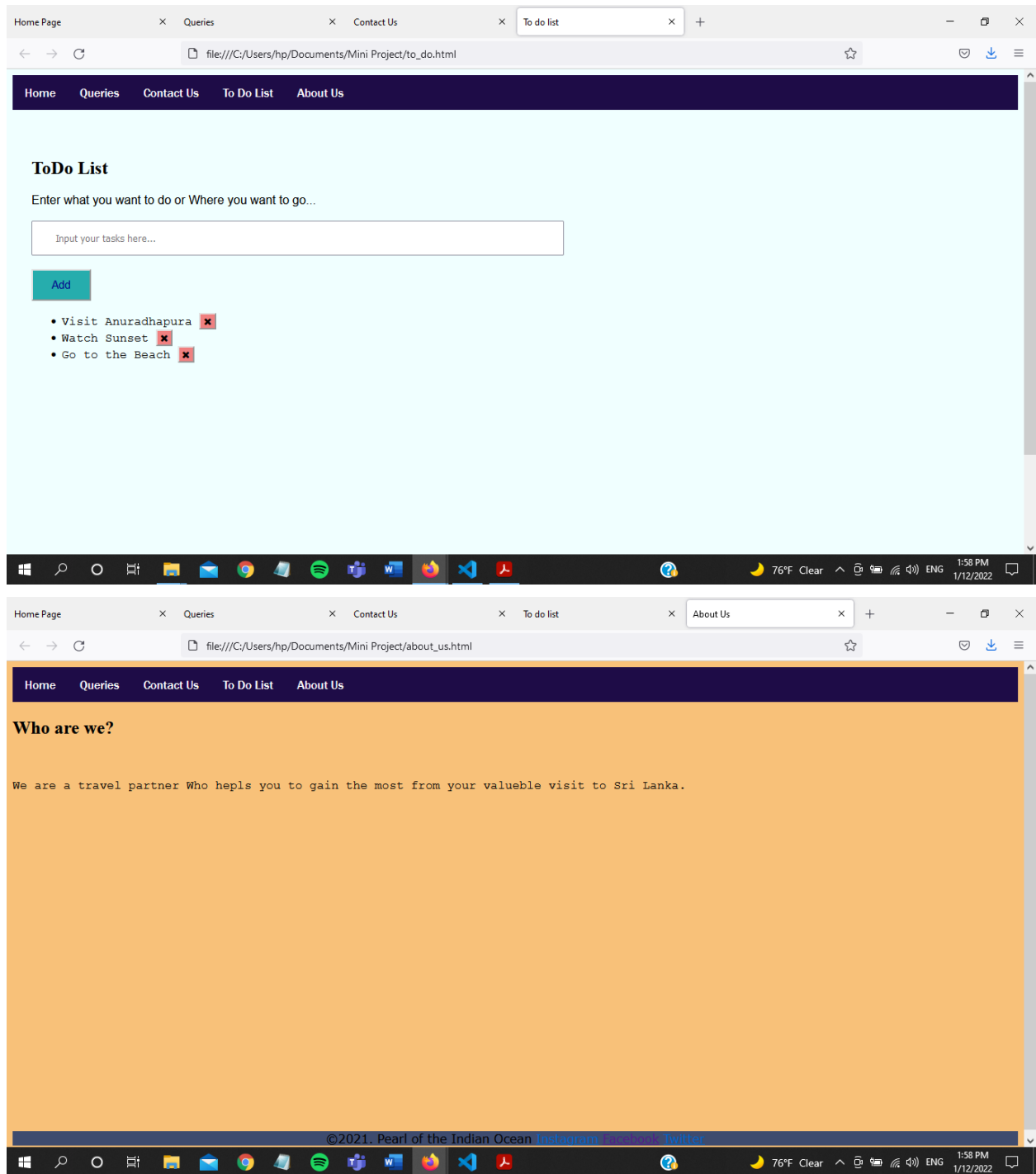
Ex:

3.Navigation Bar

All the topics in the navigation bar are distinct web pages.
When User click on one of them It will take them to the relevant page.

Ex:

file:///C:/Users/hp/Documents/Mini Project/to_do.html

Home   Queries   Contact Us   To Do List   About Us

ToDo List

Enter what you want to do or Where you want to go...

Input your tasks here...

Add

- Visit Anuradhapura ✕
- Watch Sunset ✕
- Go to the Beach ✕

---

file:///C:/Users/hp/Documents/Mini Project/about_us.html

Home   Queries   Contact Us   To Do List   About Us

Who are we?

We are a travel partner Who hepls you to gain the most from your valueble visit to Sri Lanka.

©2021. Pearl of the Indian Ocean Instagram Facebook Twitter

5.ToDo List

The webpage has a simple todo list So users can add their tasks.
Once they complete it they can remove it too.
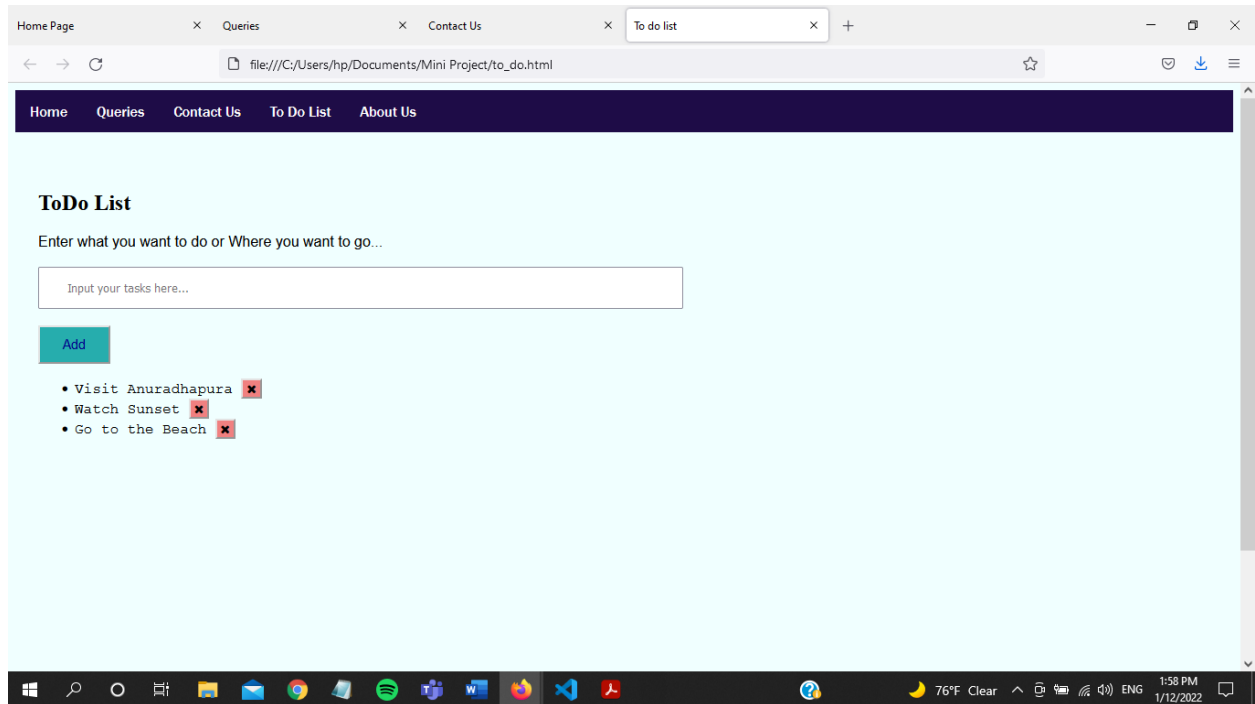
Conclusion

The Project was to make a Web Page. It was made using web technologies such as HTML,CSS and JavaScript.
The Problems occurred during the project period were identified and solutions have been found.

END.