

**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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## ➤ **Problem(s)**

Including all the tourist places in Sri Lanka is the most difficult thing. Because Sri Lanka has vital and lot of tourist places. So mentioning all places is a big problem I faced.

And also there is an another technical problem that, some browsers I used never showed some images and other some details. Because of the versions of their is too old. So there was a problem that the code does not supported for all browsers.(ex- Internet explorer missed/did not showed some images.)

Further, visitors of our website need to be contact us to get more details. Because I couldn't able to gave the all details on website. it's a very heavy thing to do. Customers have different desires and different needs. We never know what are they searching for.

## ➤ **Solution Approach**

1. Including all the tourist places in Sri Lanka is the most difficult thing I faced

So I included the more and more important places in the website.

And also I divided the places by district wise and put the places separately

So visitors of my website can find the places easily and quickly

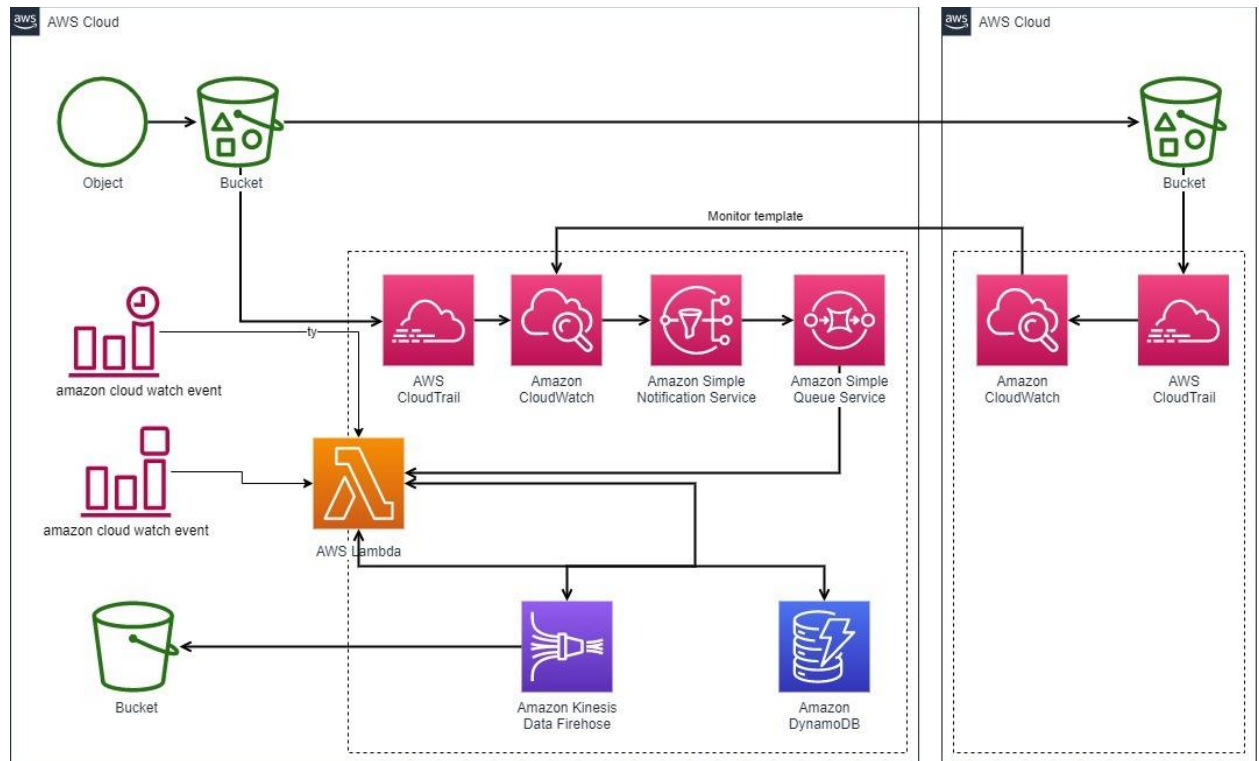
2. Some browsers didn't showed some details and images

So I preferred new versions of the browsers(I uses more than 1 browsers to check weather my code is support for all browsers).Therefore I got accurate results. I suggest new versions of the browsers that can be show the full details.

3. Visitors of our site need to be contact with us

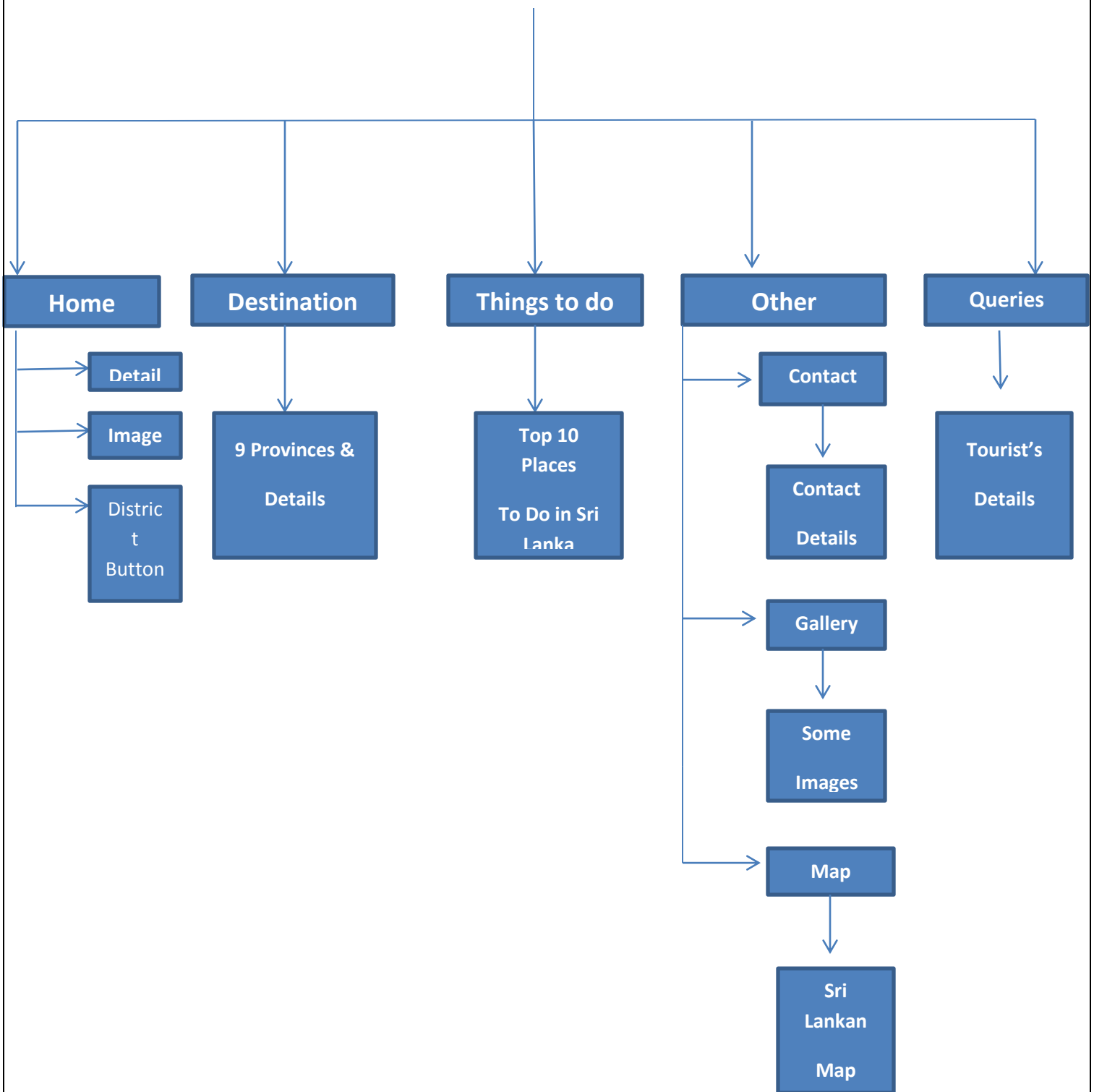
So I added a contact us option and put a contact details. So they can clarify their further doubts about related. It is also helpful for getting feedback from customers and helps to upgrade our website by evolution/time changing.

## ➤ Architectural Diagram of the System



## ➤ Site Map

# Home Page



➤ **Used web technologies and examples**

1. Browsers- Google Chrome

Internet Explorer

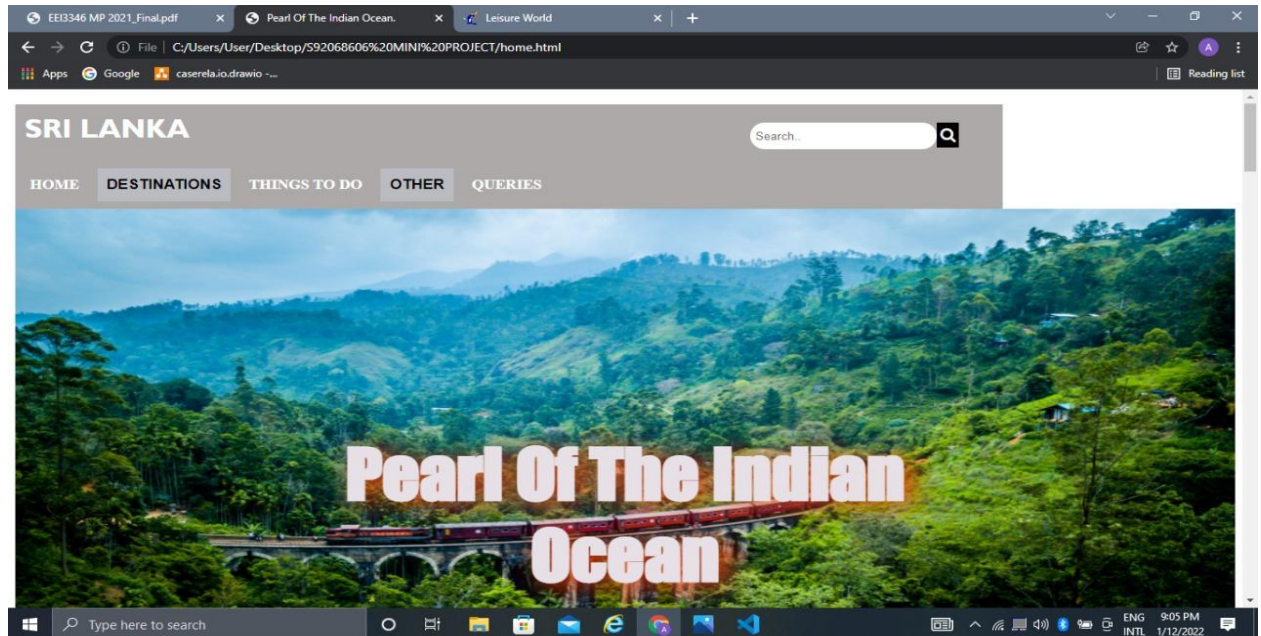
2. HTML & CSS – For framework coloring and give the contents

3. Programming Languages- JavaScript ( and vue.js)

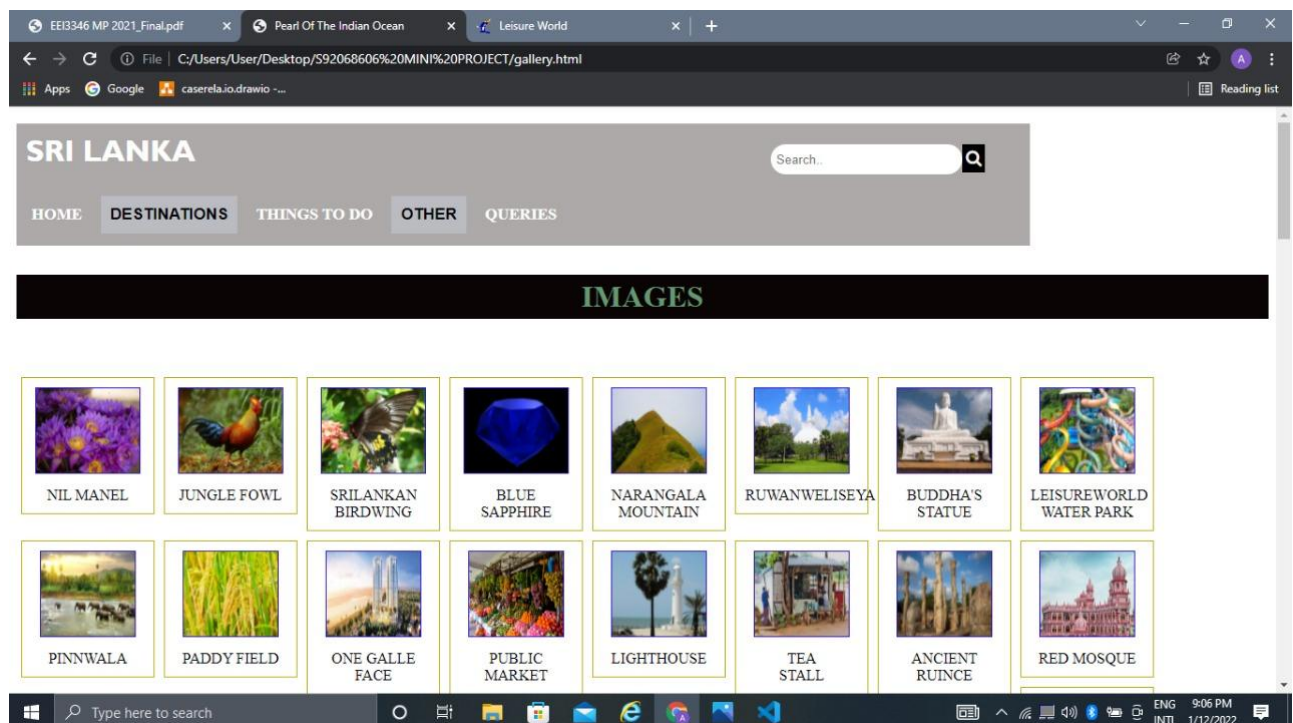
4. Protocols- HTTP

## ➤ Test Results

This is our Home page of our website



This is Our gallery option and visitors can see details visually



Here you can see the places separately / one by one (in destination site)


**SRI LANKA**

HOME DESTINATIONS THINGS TO DO OTHER QUERIES

Find more interesting details about SRI LANKA..

## TOP 10 PLACES TO DO IN SRILANKA

### 1. SIGIRIYA ROCK



Sigiriya or Sinhagiri is an ancient rock fortress located in the northern Matale District near the town of Dambulla in the Central Province, Sri Lanka. It is a site of historical and archaeological significance that is dominated by a massive column of rock around 180 metres high

There are some clear cut explanations given on the webpage for visitors to read and understand about the tourist places

**SRI LANKA**

HOME DESTINATIONS THINGS TO DO OTHER QUERIES

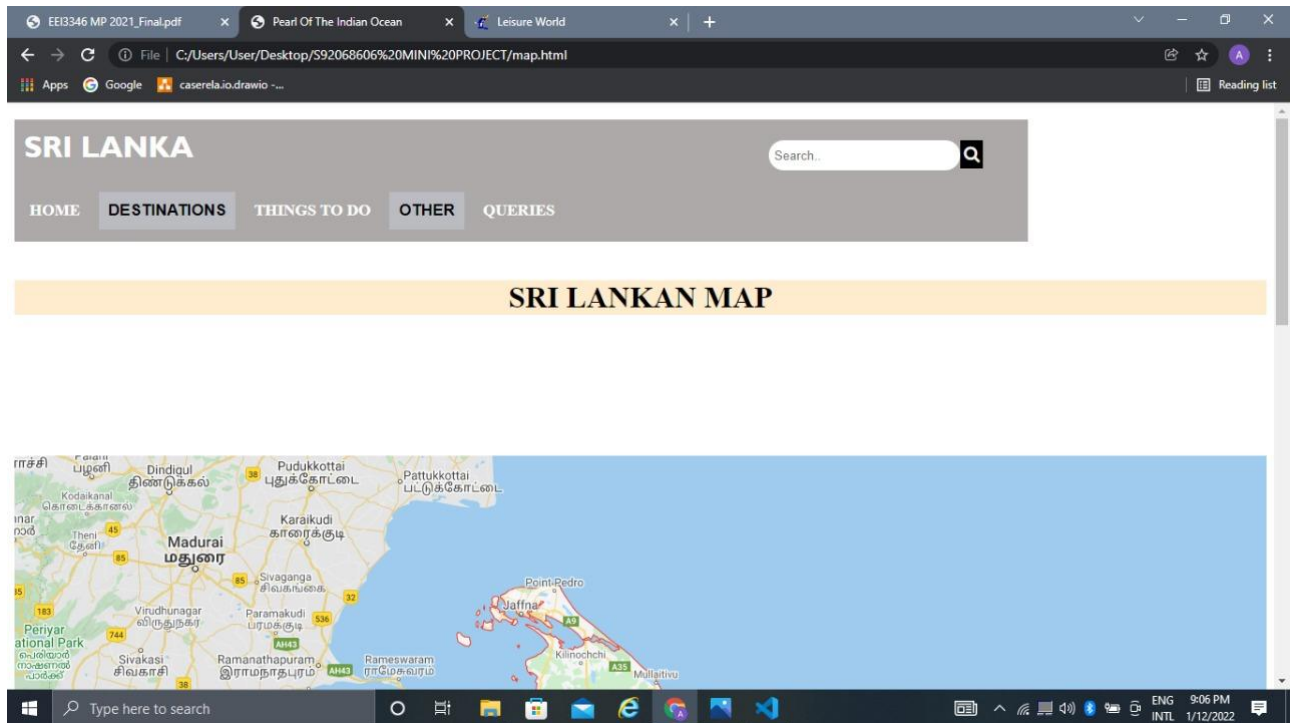
**The Central Province** (Sinhala: මධ්‍යම පළාත Madhyama Palāta, Tamil: மத்திய மாகாணம் Madhhiya Makāṇam) is one of the nine provinces of Sri Lanka, the first level administrative division of the country. (The provinces have existed since the 19th century but did not have any legal status until 1987 when the 13th Amendment to the Constitution of Sri Lanka established provincial councils. The Central Province is primarily in the central mountainous terrain of Sri Lanka. It is the 6th largest province by area and is home to 2.5 million people. It is bordered by North Central Province to the north, Uva Province to the east, North Western Province to the west and Sabaragamuwa Province to the south and west. The province's capital is Kandy. The cities of Matale and Nuwara Eliya are in the Central Province. The province is famous for its production of Ceylon tea, planted by the British in the 1860s after a devastating disease killed all the coffee plantations in the province. The Central Province attracts many tourists, with hill station towns such as Gampola, Hatton and Nuwara Eliya.

**The Eastern Province** (Tamil: கிழக்கு மாகாணம் Kilakku Makāṇam; Sinhala: නැගෙනහිර පළාත Nāgēnahira Palāta) is one of the nine provinces of Sri Lanka, the first level administrative division of the country. The provinces have existed since the 19th century but did not have any legal status until 1987 when the 13th Amendment to the Constitution of Sri Lanka established provincial councils. Between 1988 and 2006 the province was temporarily merged with the Northern Province to form the North Eastern Province. The capital of the province is Trincomalee.

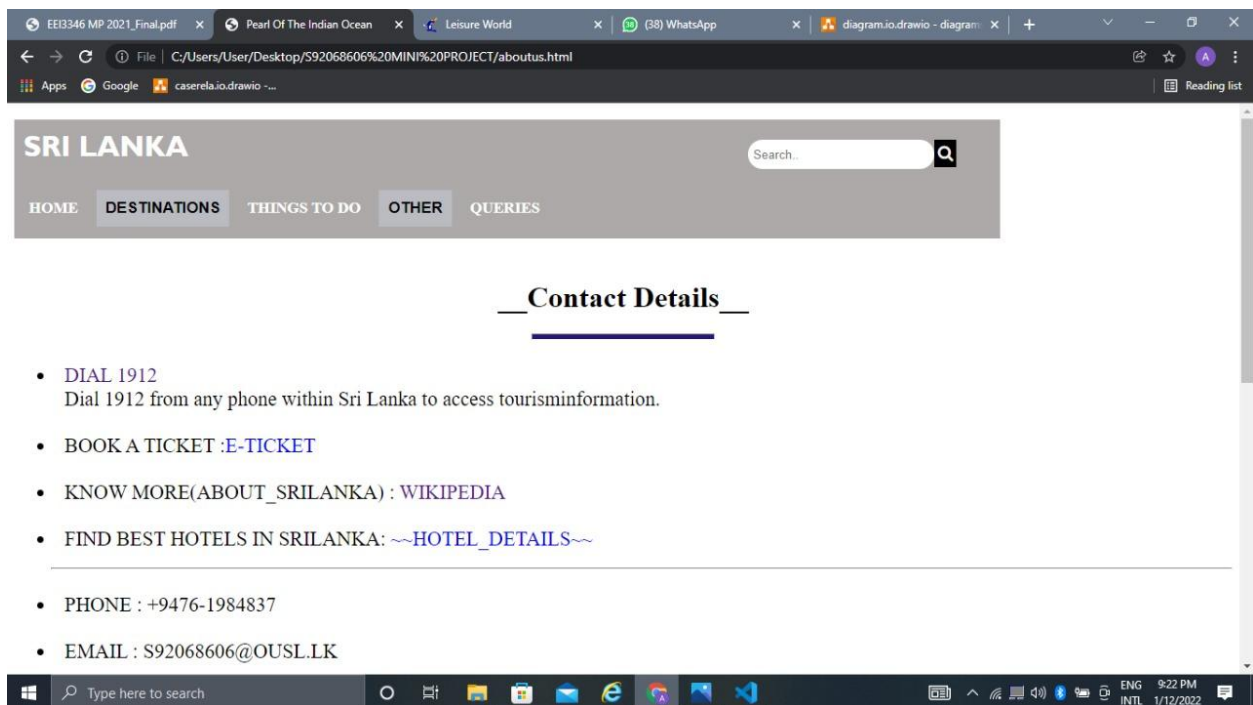
**North Central Province** (Sinhala: උතුරු මැද පළාත Uthurumæda Palāta, Tamil: வட மத்திய மாகாணம் Wada Maththiya Makāṇam) is one of the nine provinces of Sri Lanka, the first level administrative division of the country. The provinces have existed since the 19th century but did not have any legal status until 1987 when the 13th Amendment to the Constitution of Sri Lanka established provincial councils. The province is the largest by size, and second least populated in the country. The province consists of the districts of Anuradhapura and Polonnaruwa, both of which were important



Here we gave a Sri Lankan Map for make easier to travel anywhere without confusion.



If anybody needs any further details, they can contact us via the help of this Contact page.



## ➤ Conclusion

This mini project is about Web development. We create a website using Html, CSS and JavaScript. I used Html for framework and add content. CSS for coloring and some animations. As like that used JavaScript for implement complex features on webpage and for some graphics.

While doing this project I faced many difficulties. But it cause to get a clear cut explanation on this subject. I understand so many things after did this project. finally I created a website successfully and I learnt very well about this chapter.

Thank You So much