



Final Report Submission For

Cloud 4 Travel Website

Cluster : 3.1

Mentor : Ms.Ahalikai Suthaharan

Our group members

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INTRODUCTION

- ✓ The cloud4 Travel and Tourism website project was initiated in order to provide a comprehensive and user-friendly platform for individuals planning their next vacation or business trip. The target audience for the website includes leisure travelers, business travelers, and travel agents.
- ✓ The website will feature destination guides with detailed information on popular tourist destinations, including things to do, where to stay, and where to eat. Users will also be able to read reviews of hotels, restaurants, and other travel-related businesses, as well as book transport and hotels directly through the website.
- ✓ In addition, the website will offer a trip planning tool that will allow users to create personalized itineraries and share them with friends and family. The website will also include a travel blog, featuring articles written by travel experts and destination-specific information.
- ✓ To promote the website, a comprehensive digital marketing strategy will be implemented, including search engine optimization, social media marketing, and email marketing campaigns. The website will also be optimized for mobile devices, allowing users to access the site and plan their trips on the go.
- ✓ The goal of the cloud4 Travel and Tourism website project is to become the go-to resource for individuals planning their next travel adventure and make the process of planning a trip as seamless and enjoyable as possible.

Problem Statement

- ✓ The purpose of website is established fact that Internet users are increasing today.
- ✓ Today one of the main purposes of the website is to facilitate the offline customer online because customers cannot spend their precious time in markets trying to find out the best deal.
- ✓ Our priority will be our customers and their travel requirements.
- ✓ There will be many users visiting the portal and hence we require a strong and reliable frontend which can withhold the users on our site.
- ✓ We will be putting an effort to provide the right choice to the people when they plan a holiday and beware them from the false advertising

Project Objectives

- ✓ The objective of this presentation is to demonstrate the effectiveness of our new travel and tourism website as a one-stop-shop for travellers, by showcasing its intuitive design, comprehensive offerings, and advanced technology for easy and efficient trip planning and booking.

Introduction to similar type of Systems

1. Explore Sri Lanka

- ✓ Introduction: Welcome to "Explore Sri Lanka," a revolutionary tourism management system designed to unveil the beauty and cultural richness of this captivating island nation. This report aims to provide an in-depth exploration of the system, its origins, features, and objectives, with a focus on enhancing the travel experience for individuals planning their visit to Sri Lanka.
- ✓ Key features
 - Destination Guides
 - User Reviews and Recommendations
 - Booking Services
 - Cultural Immersion

2. Serendipity Trails Explorer

- ✓ Introduction: A sophisticated tourism management system called "Serendipity Trails Explorer" was created to reveal Sri Lanka's hidden gems. It aims to give visitors who are eager to discover the island's varied landscapes, fascinating history, and dynamic culture an immersive and customized experience.
- ✓ Features: Through the integration of interactive maps, users are able to explore locations that are not commonly visited. In keeping with sustainable tourism practices, it highlights community involvement through the use of local narratives, artisanal experiences, and collaborations with environmentally conscious lodging.

3. Ceylon Heritage Journeys

- ✓ Introduction: "Ceylon Heritage Journeys" is a leading tourism management system devoted to revealing Sri Lanka's rich cultural and historical legacy. This platform is intended for tourists who want to delve further into the island's historical sites, colonial past, and cultural customs.
- ✓ Features: Multimedia-rich information is integrated into the system, such as conversations with local historians and virtual tours of historical locations. It provides customized travel plans for excursions with a historical theme and makes it easier to work with academic institutions on projects related to educational tourism.

Project Solution

- ✓ Cloud4 Travel and Tourism website, focusing on providing a user-friendly platform for trip planning and booking. This includes destination guides, a trip planning tool, a travel blog, and features to book transport and hotels directly. The solution also encompasses a robust digital marketing strategy to reach a wider audience, emphasizing search engine optimization, social media marketing, and email campaigns. The ultimate goal is to establish the website as a go-to resource for seamless and enjoyable trip planning.

Technology used

Frontend Technology

- ✓ Figma
- ✓ Html
- ✓ CSS
- ✓ Javascript

Backend Technology

- ✓ PHP
- ✓ My SQL
- ✓ XAMPP SEVER

Development Tools

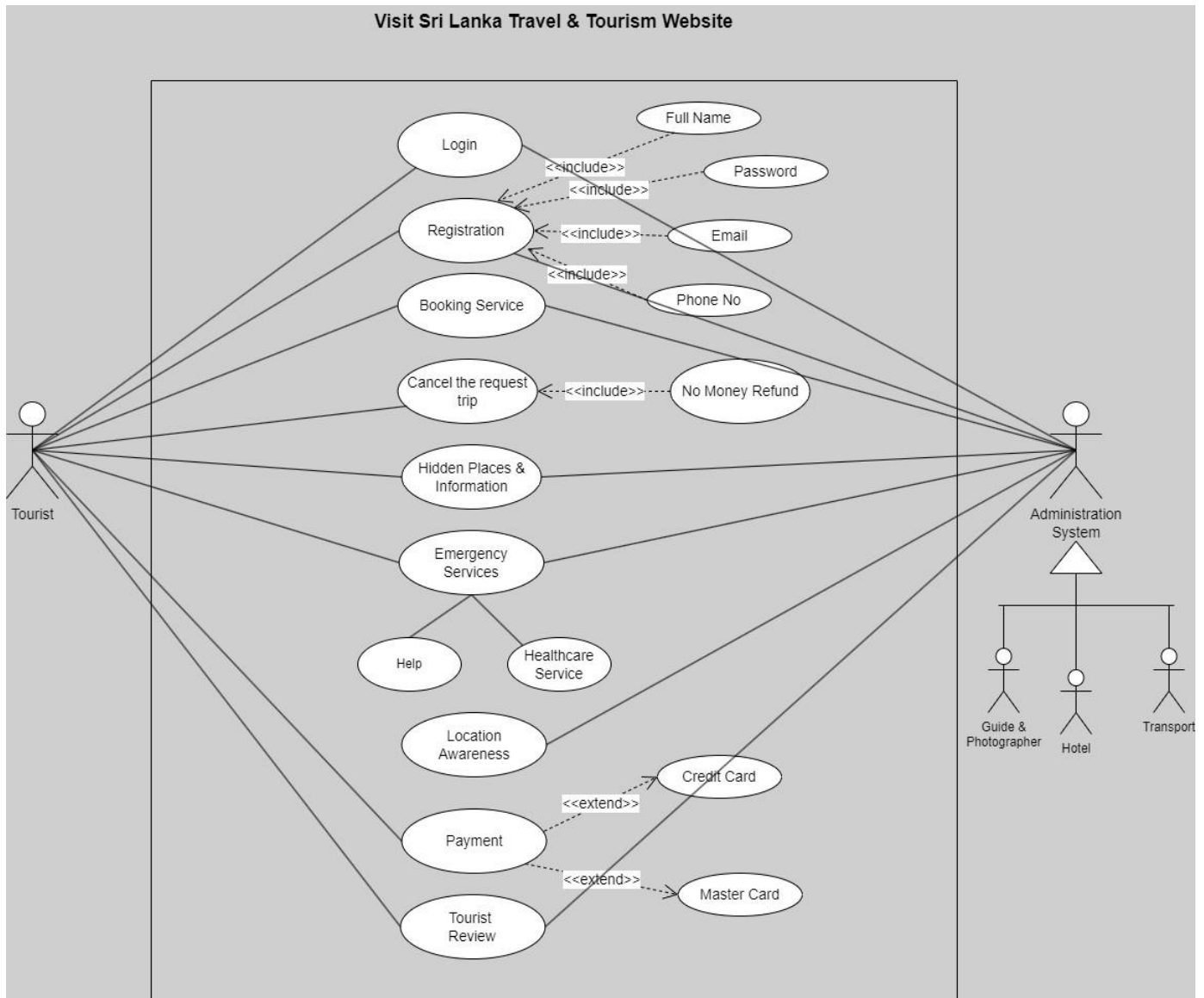
- ✓ Google Chrome
- ✓ VS Code

Vision Control

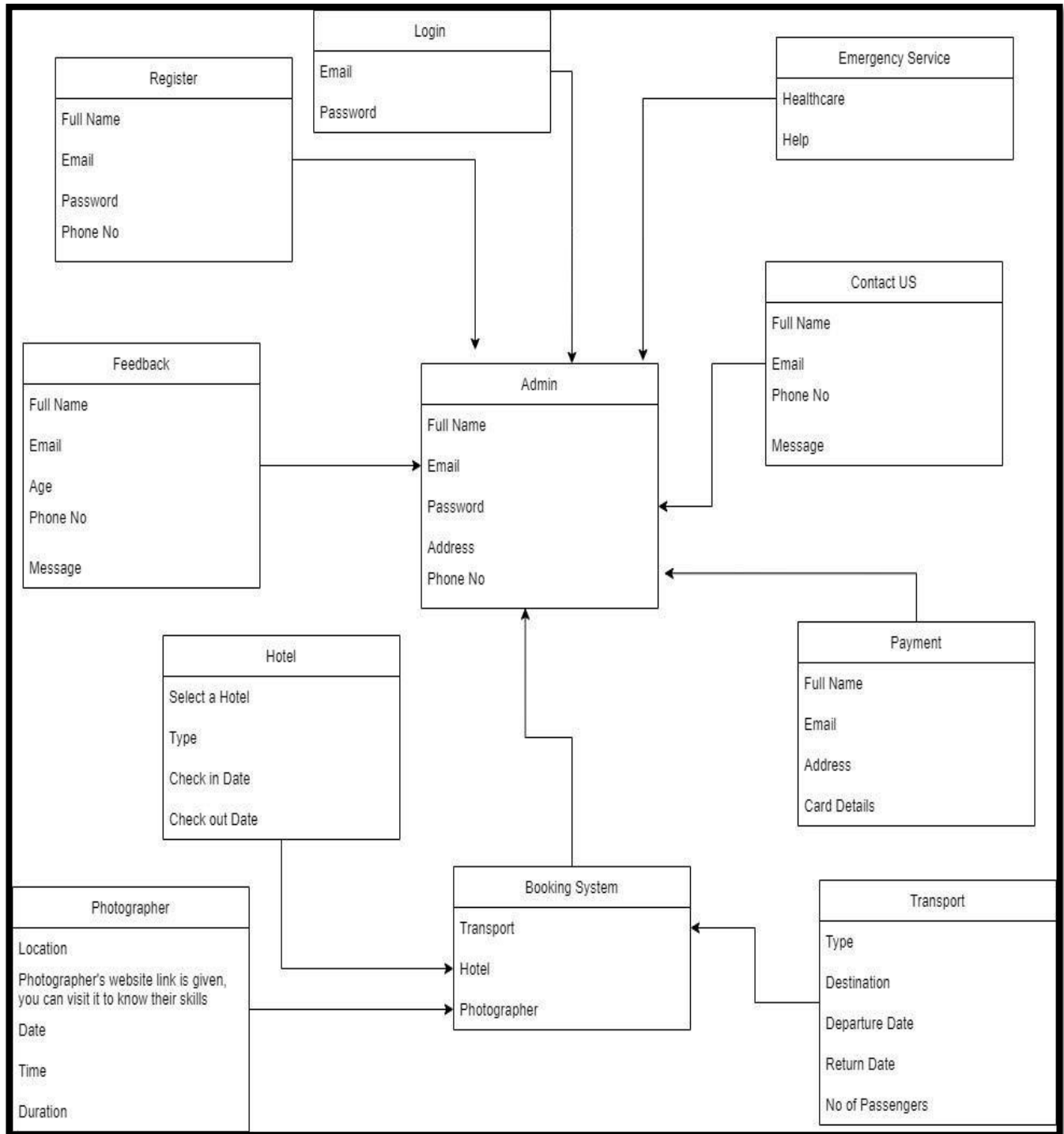
- ✓ Git Hub

DESIGN

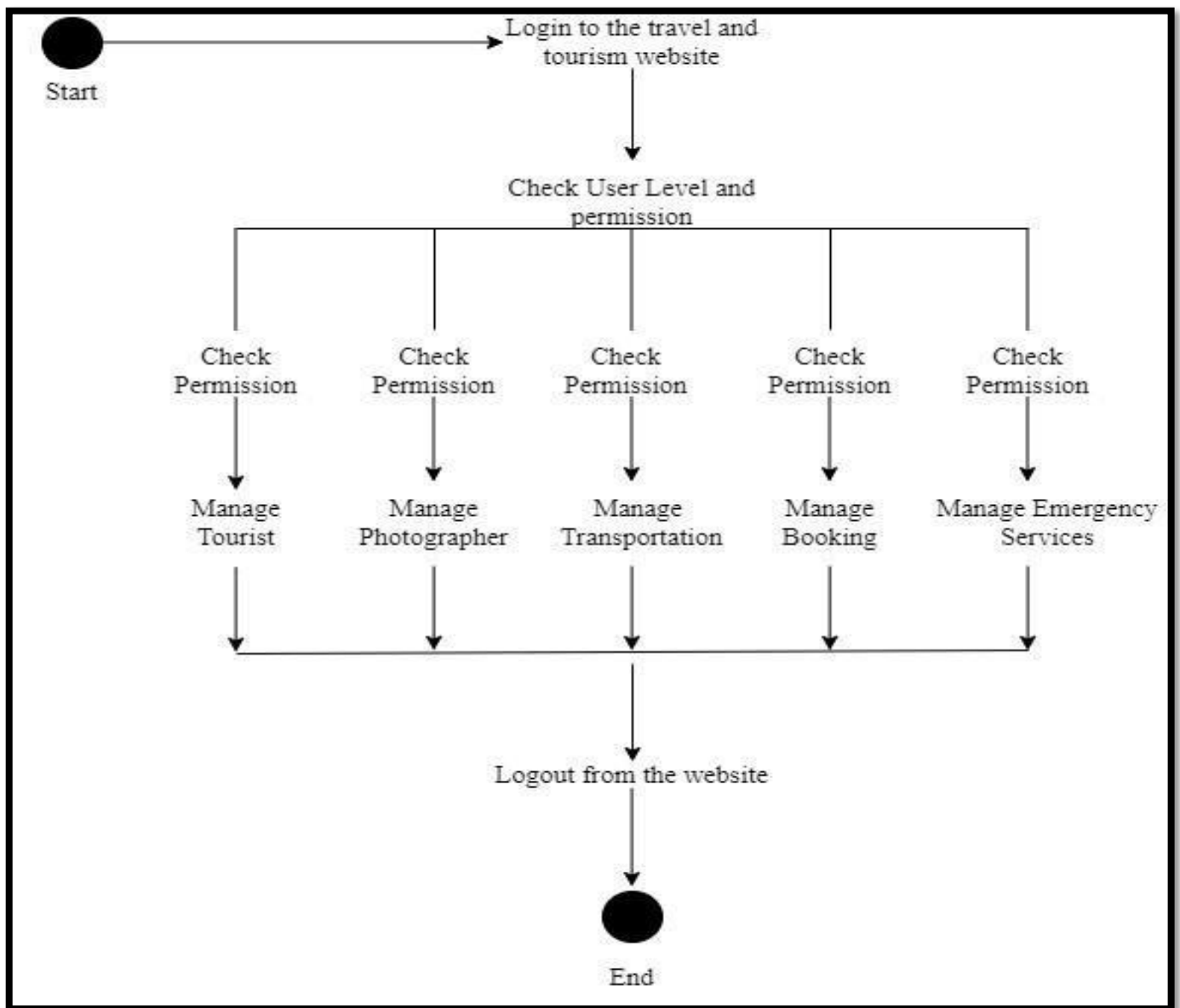
USE CASE DIAGRAM



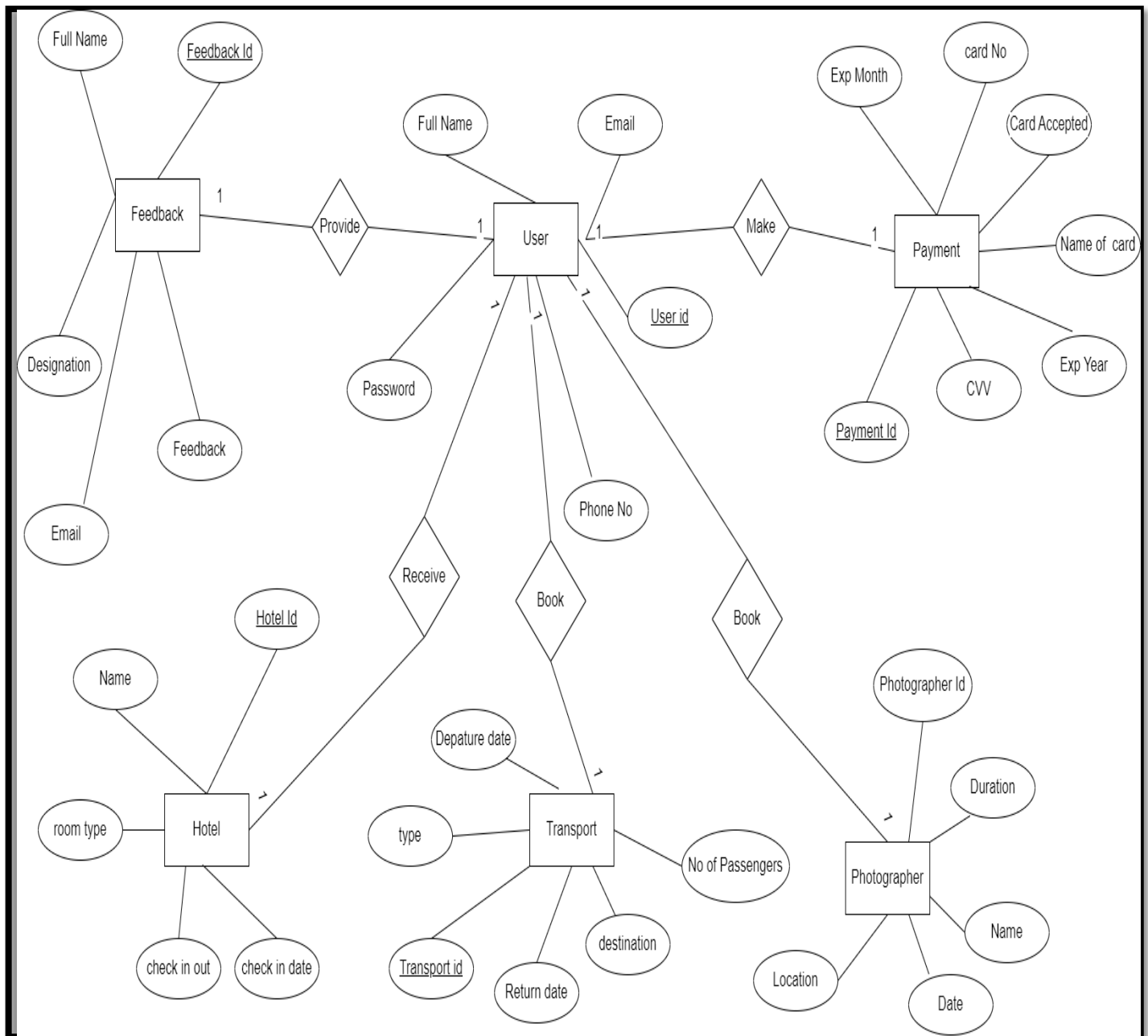
CLASS DIAGRAM



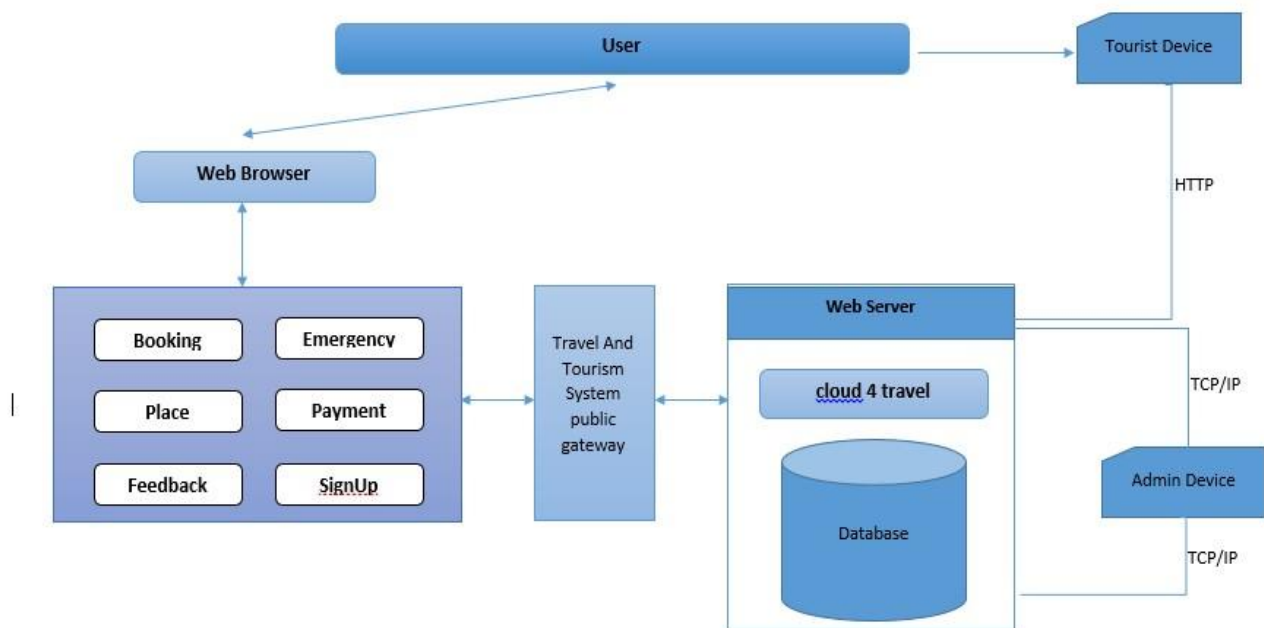
ACTIVITY DIAGRAM



ER DIAGRAM



OVERALL ARCHITECTURE-BLOCK DIAGRAM



TEST CASE DOCUMENTS

- ✓ It is merely a list of chores that you keep track of for simpler tracking. A software test checklist outlines the tests you should conduct according to a certain process. You can determine all the tests you need to run, the number of successful and failed tests, and more by using a software test checklist.

- ✓ Test Case Document Google Drive Link:

https://docs.google.com/spreadsheets/d/1Gactd5x70aoChqcB4_4tFoC60KcBRn1m/edit?usp=share_link&ou id=102986765256943188125&rtpof=true&sd=true

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A	B	C	D	E	F
Quality Assurance Test Cases (QATC)					
Author: Cloud4 Team		Test Cases Summary			
Date Created: 28/12/2022		Count			
Last Updated: 30/12/2022		Pass 17			
Version: 1		Fail 0			
Environment: Windows 10, MS Server 2003,		On Hold 0			
Release/Build: Sprint 2		Not Executed 0			
Functional Group:		Not Applicable 0			
		Total Test Cases 17			
Revision & Execution History					
Test Case ID	Feature Description	Prerequisites	Test Description (test steps)	Input Data	Expected Result
Lq_F001	Verify the login functionality of the system	User has installed the system in the machine.	Click on the short cut icon. Enter the login details.	N/A	User should be able to logged in to the system.
Lq_F002	Verify the error message popmenu at wrong login functionality of the system	User has installed the system in the machine.	Click on the short cut icon. Enter the login details.	N/A	User should be able to notify entered user name and password is wrong.
Visit place details					
VD_UI001	Navigate to the website and search for a specific place to visit.	User has logged in to system	Login to the system. Observe the page	N/A	The website loads properly and the search feature is functioning.
VD_UI002	Verify that the search results display information about , including a description of the city and its attractions	User has logged in to system	Login to the system. Observe the page	N/A	The search results include a description of the city and its attractions.
Booking form					
BK_F001	Verify that the website loads correctly and all the	User has logged in to system	Login to the system.	N/A	The website should load correctly and all necessary elements

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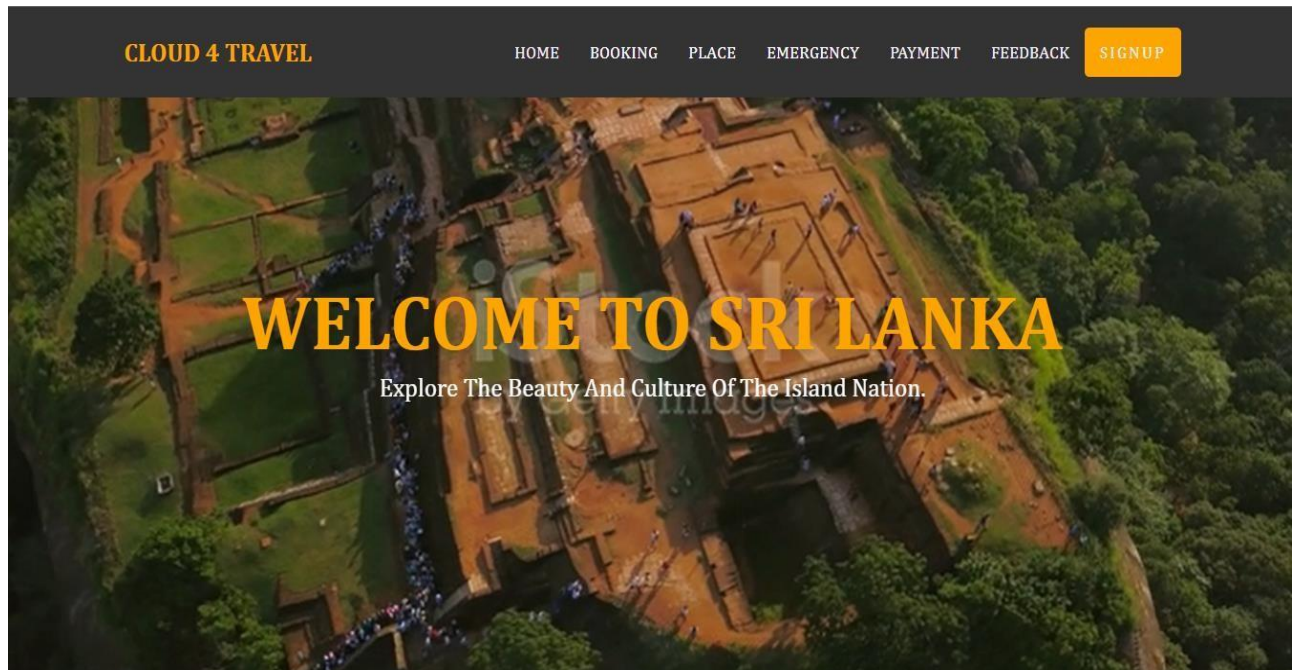
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OUTPUT OF THE SYSTEM

Home Page



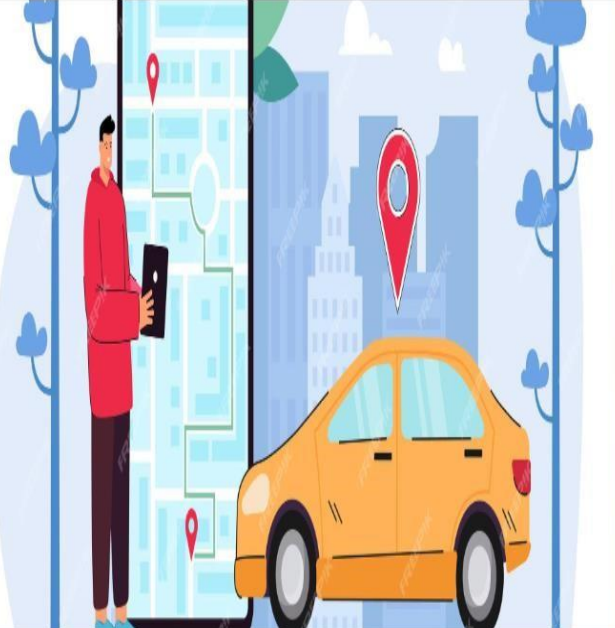
Hotel Booking Page

The screenshot displays the hotel booking interface. The header is identical to the home page. The left side of the page features a large, close-up image of a gold hotel key with 'HOTEL' engraved on it, resting on a wooden surface. The right side is a dark blue sidebar containing the booking form. The form includes the following sections: 'Select A Hotel:' with a dropdown menu showing 'NorthGate Jaffna'; 'Select A Room Type:' with a dropdown menu showing 'Standard'; 'Check-In Date:' with a date input field showing 'Mm / Dd / Yyyy'; 'Check-Out Date:' with a date input field showing 'Mm / Dd / Yyyy'; and a blue 'Book' button at the bottom.

Transportation Booking Page

CLOUD 4 TRAVEL

HOMEBOOKINGPLACEEMERGENCYPAYMENTFEEDBACK



Transportation Type:

Car

Destination:

Departure Date:

Mm/Dd/Yyyy

Return Date:

Mm/Dd/Yyyy


Number Of Passengers:

Submit

Photographer Booking Page

CLOUD 4 TRAVEL

HOMEBOOKINGPLACEEMERGENCYPAYMENTFEEDBACK



Location:

Preferred Photographer:

Photographer's Website Link Is Given, You Can Visit It To Know Their Skills.

Thisara Rathnaweera Photography <https://G.Co/Kgs/9rkW7j>

Date:

Mm/Dd/Yyyy

Time:

--:--

Duration:

Submit

Payment Page

CLOUD 4 TRAVEL[HOME](#)[BOOKING](#)[PLACE](#)[EMERGENCY](#)[PAYMENT](#)[FEEDBACK](#)

PAYMENT

Cards Accepted :

visa card , mastercard

Name On Card :

mr. john

Credit Card Number :

1111-2222-3333-4444

Exp Month :

April

Exp Year :

2022

CVV :

1234

Proceed To Checkout

Feedback Page

CLOUD 4 TRAVEL[HOME](#)[BOOKING](#)[PLACE](#)[EMERGENCY](#)[PAYMENT](#)[FEEDBACK](#)

FEEDBACK

Tourist Feed Back

Name

Email

Designation

Feedback

SUBMIT

TEST RESULT

- ✓ **Methodology:** The testing was conducted using a combination of manual testing, automated testing and user feedback. The criteria used to evaluate the website included loading speed, ease of navigation, responsiveness, and the availability of information on destinations.
- ✓ **Results:** Overall, the website performed well in terms of fast loading speed and intuitive navigation. The website also provided a good range of information on destinations, including images and descriptions. However, some areas were identified as needing improvement, such as slow search function and limited information on transportation options. These findings are supported by relevant data and screenshots.

APPENDIX SRS

Report & CMMI Meeting

- ✓ SRS Report's google drive link :
<https://drive.google.com/drive/folders/1brU51x8atH6QXyE1Bznr0AWLV6g64cAF?usp=sharing>
- ✓ CMMI Meeting Link :
https://docs.google.com/spreadsheets/d/1BkIfpwvPnU47VEnQ5gvesmtR2FomZA2H/edit?usp=share_link&ouid=102986765256943188125&rtpof=true&sd=true

Group number							
A	B	C	D	E	F	G	H
Group number	3.1						
Project name	Visit Sri Lanka Travel and Tourism Website						
Members	4						
Group name	Cloud4	Name : M.A.C.M. Sumail	Name : I.N. Jahan	Name : A. Afni Ahmed	Name : M.Y. Azeez Ahamed		
		SNumber: S92068923	SNumber: S92068909	SNumber: S92075238	SNumber: S92077064		
		Reg.No:22148923	Reg.No:22148909	Reg.No:321435238	Reg.No:421437064		
		Email id: s92068923@ousl.lk	Email id: s92068909@ousl.lk	Email id: s92075238@ousl.lk	Email id: s92077064@ousl.lk		
26/09/2022	Selecting a group member to complete the form	Selecting a group member to complete the form	Selecting a group member to complete the form	Selecting a group member to complete the form	Selecting a group member to complete the form		
27/09/2022	Project Talk During Zoom Meeting	Project Talk During Zoom Meeting	Project Talk During Zoom Meeting	Project Talk During Zoom Meeting	Project Talk During Zoom Meeting		
28/09/2022	Gather the Project Information	Gather the Project Information	Gather the Project Information	Gather the Project Information	Gather the Project Information		
29/09/2022	Start working on the project	Start working on the project	Start working on the project	Start working on the project	Start working on the project		
30/09/2022	Prepare the Project Idea presentation	Prepare the presentation of the project idea.	Prepare the presentation of the project idea.	Prepare the presentation of the project idea.	Prepare the presentation of the project idea.		
01/10/2022	Presentation of the Project Idea to the Coordinator	Presentation of the Project Idea to the Coordinator	Presentation of the Project Idea to the Coordinator	Presentation of the Project Idea to the Coordinator	Presentation of the Project Idea to the Coordinator		
03/10/2022	-	-	-	-	Submitted project proposal		
07/10/2022	Group meeting for "How to creat SRS document"	Group meeting for "How to creat SRS document"	Group meeting for "How to creat SRS document"	Group meeting for "How to creat SRS document"	Group meeting for "How to creat SRS document"		
09/10/2022	SRS documentation work started	SRS documentation work started	SRS documentation work started	SRS documentation work started	SRS documentation work started		
10/10/2022	-	-	-	-	-		
11/10/2022	-	-	-	-	-		
12/10/2022	1st step of SRS documentation(Introduction)	1st step of SRS documentation(Introduction)	1st step of SRS documentation(overall description)	1st step of SRS documentation(overall description)	1st step of SRS documentation(overall description)		
13/10/2022	Discussion about SRS template	Discussion about SRS template	Discussion about SRS template	Discussion about SRS template	Discussion about SRS template		
Log:	14/10/2022	Divided activity each others(document's alignment work collecting the information and other nonfunctional requirements)	Divided activity each other (Hardware interfaces,software interface and communications interface)	Divided activity each others(Glossary other requirements,user documentation and functional requirements)	Divided activity each others(Analysis system features,user interface and design and implementation constraints)		
15/10/2022	-	-	-	-	-		
16/10/2022	-	-	-	-	-		
17/10/2022	A meeting on how far the activities have been completed	A meeting on how far the activities have been completed	A meeting on how far the activities have been completed	A meeting on how far the activities have been completed	A meeting on how far the activities have been completed		
18/10/2022	Preparing interview questions and planned to get an appointment from interviewee	Preparing interview questions and planned to get an appointment from interviewee	Preparing interview questions and planned to get an appointment from interviewee	Preparing interview questions and planned to get an appointment from interviewee	Preparing interview questions and planned to get an appointment from interviewee		
19/10/2022	-	-	-	-	-		
20/10/2022	-	-	-	-	-		
21/10/2022	-	-	-	-	-		
22/10/2022	-	-	-	-	-		
30/10/2022	we met the interviewer	we met the interviewer	we met the interviewer	we met the interviewer	we met the interviewer		
05/11/2022	we attended GitHub workshop	we attended GitHub workshop	we attended GitHub workshop	we attended GitHub workshop	got the approval and submitted the SRS document		
20/11/2022	discussin about minnase review presentation	discussin about minnase review presentation	discussin about minnase review presentation	discussin about minnase review presentation	discussin about minnase review presentation		

Management Of Github Repository

✓ We have contacted task contributing for the project in the Github repository. Our mentor is a member of Github repository

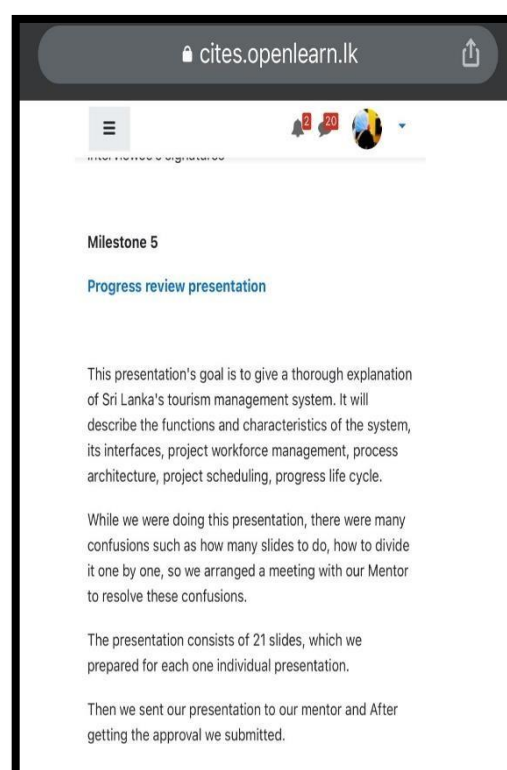
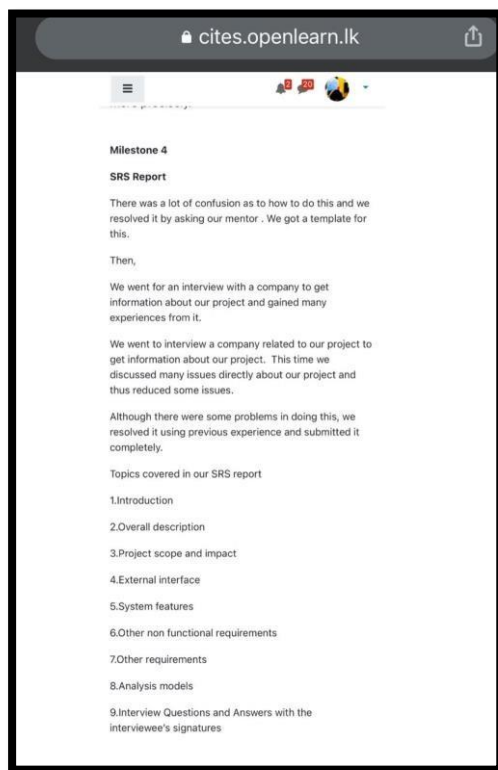
✓ Github Link : <https://github.com/cloud4cloud4>

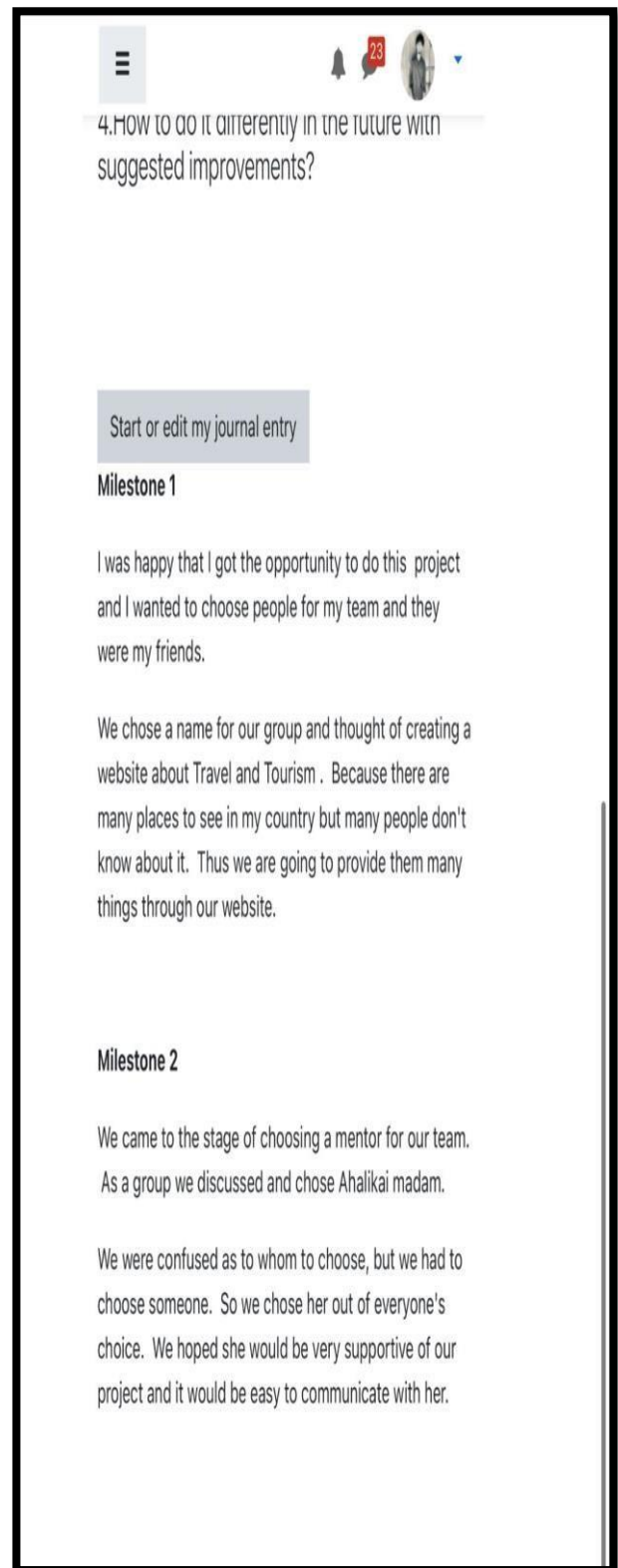
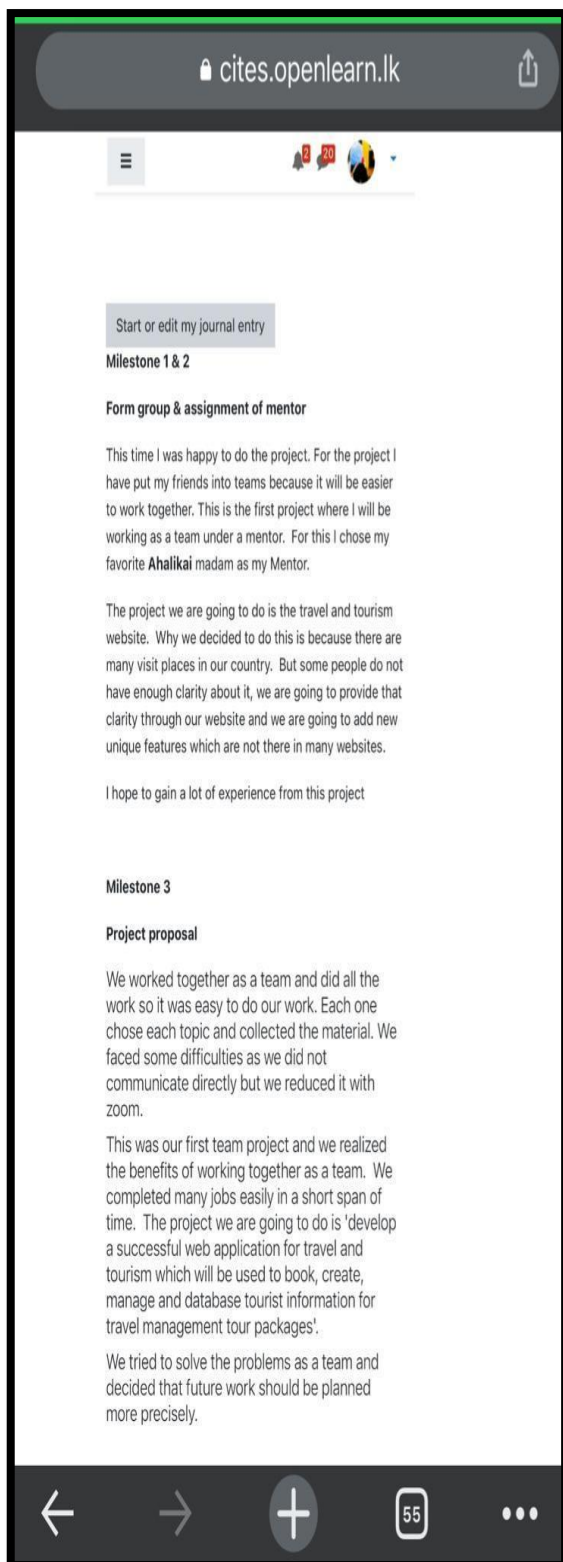
✓ Github Repositories : <https://github.com/cloud4cloud4/Traveling-SriLanka.git>

✓ Log sheet link :

https://docs.google.com/spreadsheets/d/1kdGAV3LqJv7FfN32xC2Ayay6e6PohRsWDceOIDnBjT0/edit?usp=share_link

REFLECTIVE JOURNAL





CONCLUSION

- ✓ This website was successfully developed and project has been appreciated by our mentor. Any endeavor is incomplete without the spirit of team work. We could not have completed this without our team.
- ✓ It was used to hold all the booking, creation, management, and tour information for travel administration tourism packages in the database. The software was thoroughly tested, and any flaws were correctly debugged. Additionally, testing revealed that the system's performance is sufficient. The entire required production has been produced. Thus, this system offers a simple method for automating all consumptionrelated tasks.
- ✓ The project can yet be improved, making the website run much more attractively and effectively than it does now. It may be said that the application meets the needs and functions well. The software is thoroughly tested, and any faults are properly debugged. It also serves as a means of exchanging files with important sites.

Ahali

Approval by