



PROJECT PROPOSAL

FC 22362 – Web Based Developing Techniques

CEYLON TRAVEL GUIDE FOR FOREIGNERS

Group Number:01

13.02.2022

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FACULTY OF GEOMATICS

INTRODUCTION

Sri-Lanka is an island country, surrounded by the Indian ocean. The geography of Sri-Lanka includes coastal plains in the north-south region and hills and mountains in the interior. Sri Lanka is said to be the gem of Indian ocean, because of the beauty of our country. There are many things and places to explore in Sri-Lanka. That's why tourists are coming to visit our country every year.

The tourism industry makes a significant contribution to the national economy by directly contributing to the government budget, foreign-exchange earnings and employment generation. But in the last two years due to the covid pandemic situation, the amount of tourists' arrival has decreased. The tourism sector has fallen down in these days. Due to this situation our national economy has been affected.

Unfortunately, the management system of our tourism industry is at primary level. Sometimes the traveler/foreigner doesn't know where the place that he or she is staying and decide it after departing in the airport. Most of the times traveler/tourist asks what he or she need from the third parties and they may mislead foreigners for their own advantages. Recently we could hear that kind of news. The main disadvantage of these things is the foreigner get miss understanding about our country and it may affect badly for the tourism sector.

As a group we identify this problem. To overcome this problem and to develop the tourism sector we introduce the modern solution that is **"Fly to Ceylon"** web application/site. The application provides the following facilities to the users.

- Booking of flight tickets.
- Can choose the number of days of the trip.
- Can choose the places to visit.
- Can select a travel guide according to their choice.
- Can choose the places to stay according to their wish. (Luxury or Economy).
- Can rent a vehicle for their journey in Sri-Lanka. (Luxury or Economy).
- They can choose a travel package or they can customize their travel package.
- They can calculate the complete expenses of the trip, before conforming the trip.
- Can chat with his/her travel guide for further details.
- Also, user can add a review of their journey in Sri-Lanka.

The key thing is foreigner can choose all these facilities/details before they arrived in to Sri Lanka. So, when they arrive, they have better understanding about what they are going to do in Sri Lanka.

So this application will help tourist to visit our country very easily. It provides the complete package starting from airport pickup to until the send-off. This application will be a revolution in the tourism industry of Sri-Lanka.

GOALS

- Provide the best quality services to the tourists and develop the Sri Lankan tourism industry through our services.
- Transforming the Sri-Lanka into a primary country for tourism in the South Asian region.

OBJECTIVES

- To take the Sri Lankan tourism industry to the next level.
- Provide a high standard of services suitable for individuals comfortable and memorable experience in the hospitality and tourism industry.
- Provide the tourist market with the quality personal required by the tourism industry.
- Produce expeditions and memories that would satisfy each and every single user.
- Provide the complete details about the places to visit in Sri-Lanka.
- Provide a friendly and easy environment to design a tour package within few minutes.
- To provide more effective and safe mode of services to the tourists.
- To create an online platform between the tourists and the services available in Sri-Lanka.
- To promote and simulate the tourism industry of Sri-Lanka.
- To provide a top-quality consultancy service which maximize clients.
- Provide job opportunity for the local people.

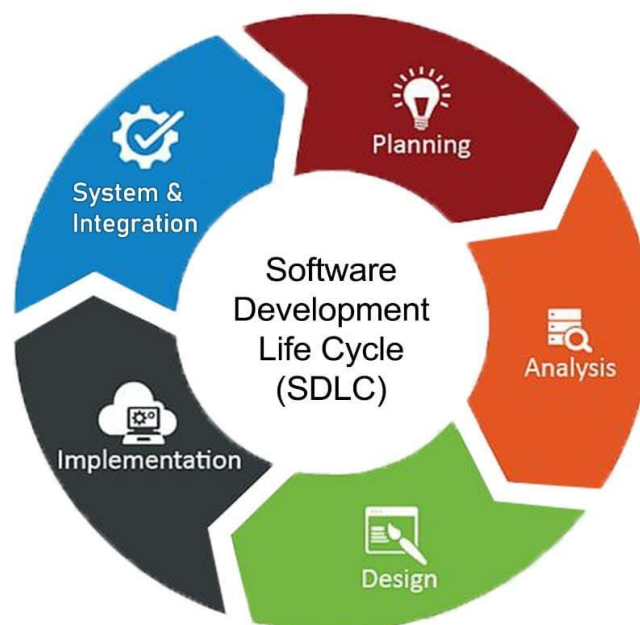
PROPOSED SYSTEM

In this system,

There are three types of users.

- Tourist : To manage their Ceylon tour
- Travel guide : To help tourists
- Administrators : To manipulate the system

Our aim here is to create a system for foreign tourists to come to Sri Lanka and travel easily. Our website is designed to connect the parties we mentioned above to achieve that goal. We hope to develop our website using system development life cycle.



1. Planning

In this stage, we hope to decide how we develop the system in reliable way. We plan how we can achieve system requirements and we divide our work some part to achieve overall success of system.

2. Analysis

In this step, we hope to analysis our problem and how we find the solution for it using suitable manners.

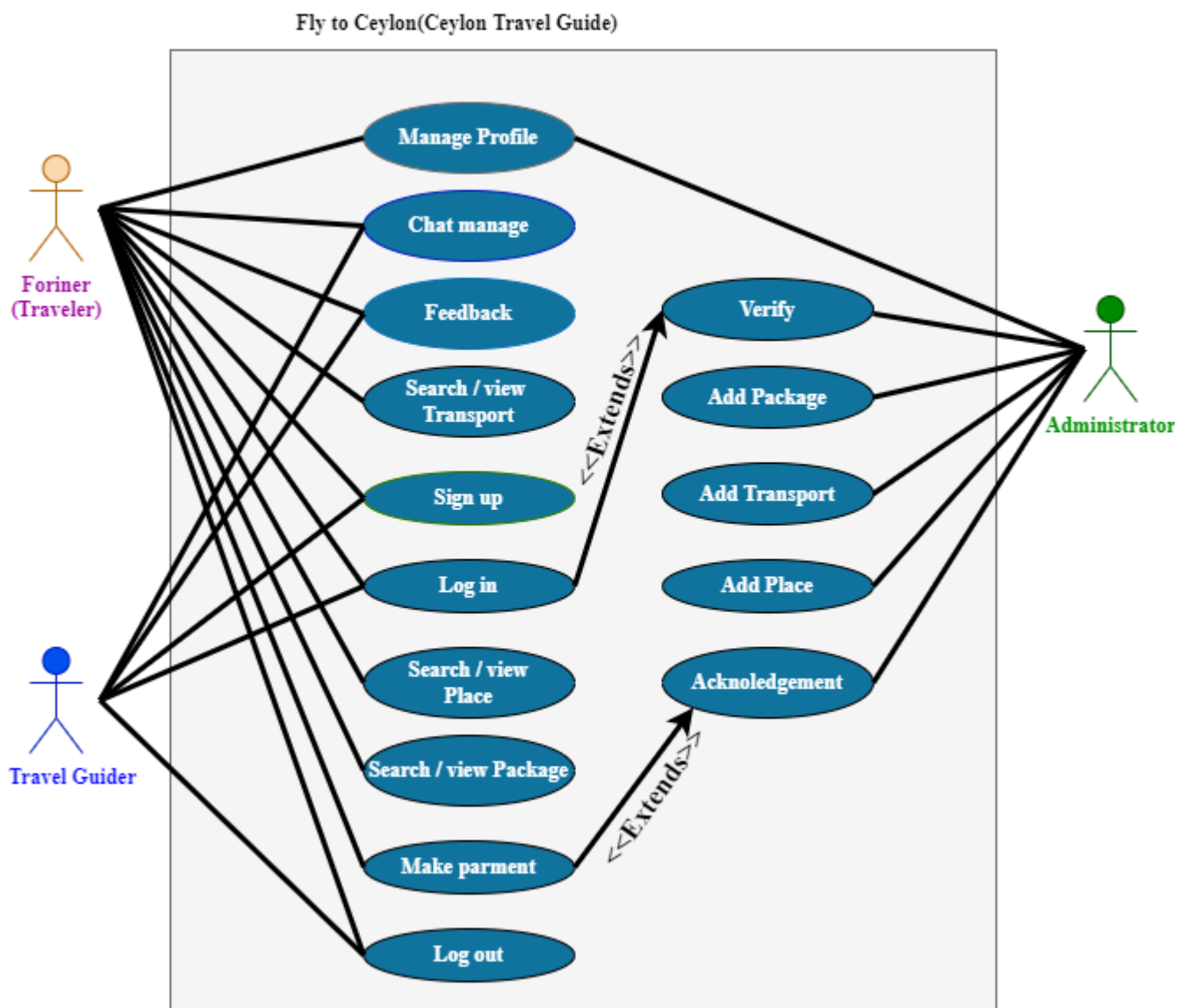
3. Design

In here,

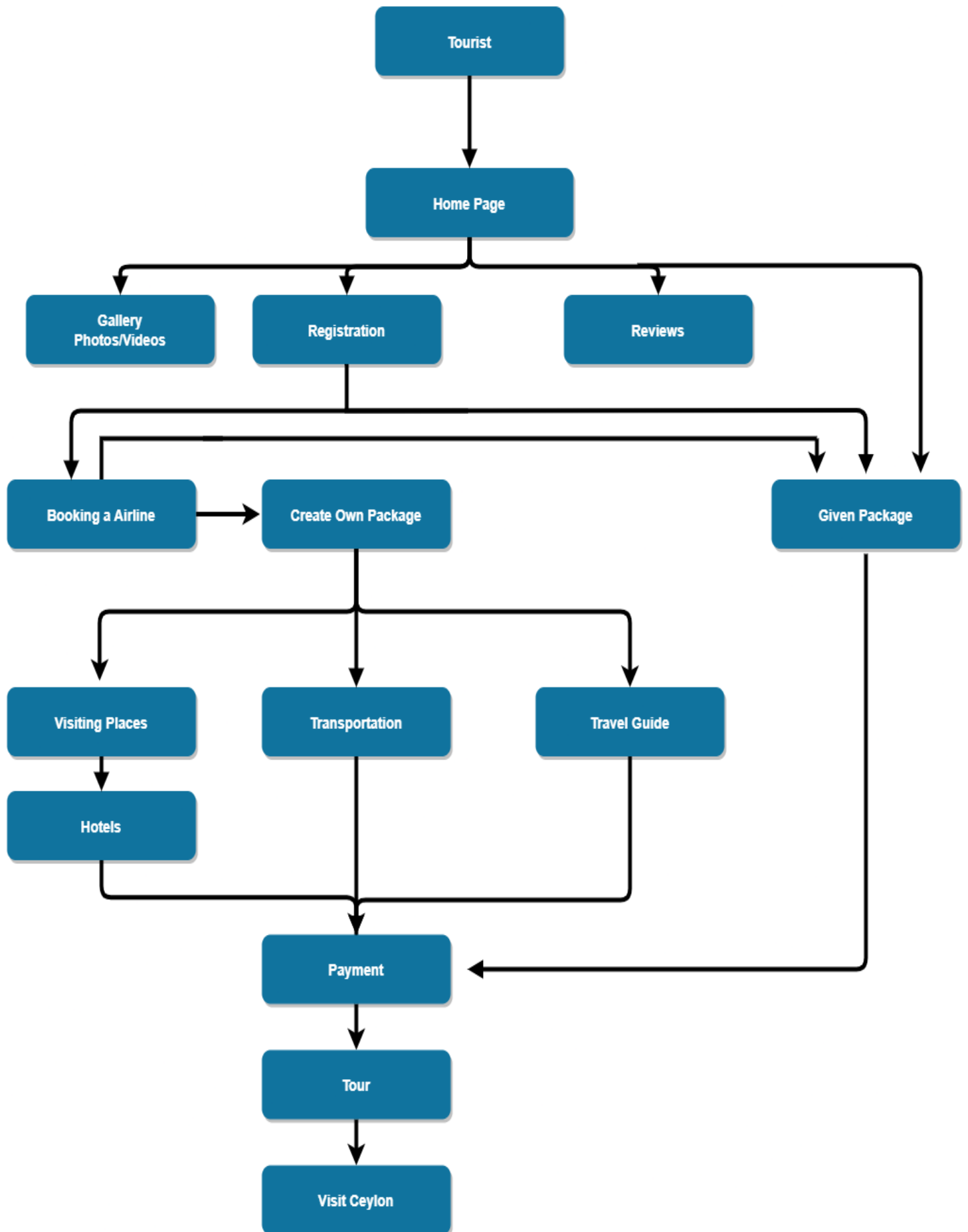
- Use case diagram
- Flow of our website
- ER - diagram,

are provided by considering our proposed solution.

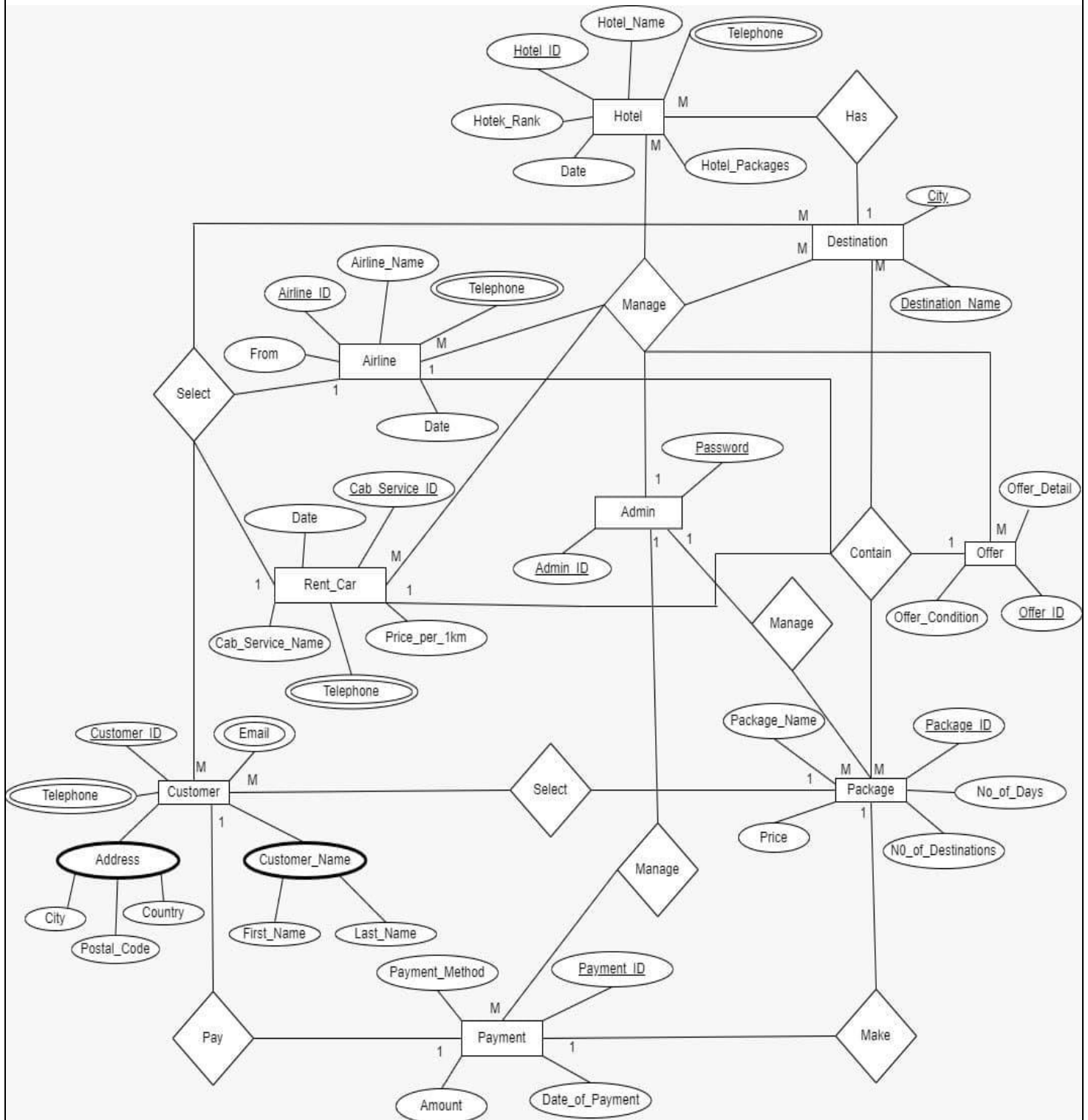
USE CASE DIAGRAM



FLOW OF OUR WEBSITE



ER-DIAGRAM



4.Implementation

The proposed methodology is provided in this stage.

We hope to develop a travel guide (Travel management system). Tourists will be able to get information by visiting to the web site and they can manage their whole tour to Sri Lanka using this site.

All information will be updated into a database. Database is developed using MySQL.

Then, HTML and CSS are used to develop web site content. Afterwards, we hope to connect the database to our website using PHP.

Front end: HTML, CSS, JavaScript

1. HTML: HTML is used to create and save web documents. Notepad/Notepad++.
2. CSS: (Cascading Style Sheets) To add an attractive layout and develop web pages.
3. JavaScript: It is a programming language, commonly used with web browsers so we hope to use it for programming purposes.

Back end: PHP, MySQL

1. PHP: Hypertext Preprocessor (PHP) is a technology that is used to create dynamically generated web pages, in HTML. We hope to use PHP open-source software.
2. MySQL: database is created using MySQL.

The data will be collected using surveys which have been done before (we hope to use the internet to take information).

5.System

Final step of our work. We hope to achieve our solution to problem.

Action Plan

TASK NAME	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5
Requirement analysis and design					
Learning Technologies					
Backend Apply					
Frontend Apply					
Testing and development					

Figure (Gantt chart)

Resource Requirements

- Computer with 4GB RAM and 2GHz Processor
- Operating System
- Internet Connectivity
- Compatible Browser
- MySQL DBMS
- XAMPP Server

References

- ❖ <https://www.w3schools.com/>
- ❖ <https://www.thrillophilia.com/places-to-visit-in-sri-lanka>

Name of the group leader: P.H. ABEYNAYAKE (17GES0925)



13.02.2022

.....
Signature of the group leader

.....
Date

Project Description Form (Project Proposal)

Details of project supervisor(s):

Name -

Designation -

Comment(s) -

.....
Signature of supervisor

.....
Date