

Project Charter

Title of the Project :	Online travel planning system	
Campus & Batch :	2023 Feb Group – Weekday Malabe	Group No: T22
Development Technology :	MERN Stack Technology	
Client details	Company Name: Southern Lanka Address: No 2/C/1, Imperiagate, Hidaalana, Ratnapura .	

Description of the Project:

The client wanted to improve his business which is composed of tourism and tourist hotels using internet services as a result this project began. The existing system which the client used to maintain his business was a book based manual system which will be converted to an online system.

With the current unprecedented global economic crisis, countries that depended on tourism has taken a huge toll especially Sri Lanka which has seen a 60% decrement with the number of visitations from tourists when compared to 2019. With the proposal of the client's website, the main goal has been to attract as many foreign eyes as possible and to promote Sri Lanka as the best country a person can spend their vacation in leisure.

To begin with, when a person starts to plan a trip to a foreign country they need to search for hotels to stay, search for travelling methods and search for places to visit or leisure activities to do, therefore they have to visit multiple websites in order to get their agenda organized. One of the main goals of the website is that a person can find everything they want to plan their trip in one place. As a result we have integrated certain services such as tour guides services, vehicle renting services and etc, to the website hence distinguishing our website when compared to others. On the website, a user has the ability to select from variety of hotels varying from guest houses to five star hotels depending on the user's budget while providing the user with all the means needed to plan their vacation from A to Z. The prevalent problem faced by foreigners when visiting a country is the services provided by the local population is overpriced, but with our website no such difficulties has to be faced by the tourists allowing them to spend a worry-free vacation. When considering the fundamentals of the website, the employees who has the admin privileges has the ability to manage every aspect of the website which includes but not limited to adding or removing hotels, reviewing customer feedback, recruiting new tour guides or to see the booking status of a hotel or a certain vehicle.

Details of the Group Members: *(Provide the details of the group leader in the first row)*

	Name with Initials	Registration Number	Contact Phone Number	Email
1.	Heras U.A.A.S	IT21037092	0717176767	it21037092@my.sliit.lk
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3.	S.A.P. Kumarasiri	IT21365614	0712945675	it21365614@my.sliit.lk
4.	Silva W.I.S.	IT21053900	0785575691	it21053900@my.sliit.lk
5.	Perera L.S	IT21126574	0767984052	it21126574@my.sliit.lk
6.	Hewage H.N.	IT21053078	0714840376	it21053078@my.sliit.lk
7.	Madarasinghe S. U.	IT21069390	0773810055	it21069390@my.sliit.lk
8.	Jayaweera J.A S.M	IT21006784	0768145511	it21006784@my.sliit.lk

List of Functions Developed by the Group Members:

	Name with Initials	Brief Description of the Function
1.	Heras U.A.A.S	Outdoor and Adventure Experiences Management - Manage all Outdoor and Adventure activities. Customer can select / search an Outdoor and Adventure activities based on customer's choice. Event planners can add events to the website , website can publish event tickets and customers can buy tickets . customers can book Adventure activities. Customers can give a review of the Adventure activities for other users to get a better idea. Admin can see all the booking details.
2.	Sapukotana K.R	Hotel Reservation System - Manages all online hotel room reservations. Customers can select/search a hotel and reserve a room based on the customer's budget, date, number of days stay in and the facilities which they wish to have. Customers can update or cancel the reservation. Customers can give a review to the hotel for other users to get a better idea. Hotel owners can register as web crew members and register their hotels to system. Hotel owners can generate profit report. Hotel owners can update or delete their hotel from the system by informing the system admin.
3.	S.A.P. Kumarasiri	Vehicle Renting Management - Manages all the details related to vehicle renting which includes addition or removal of vehicles, displaying the rent status of a selected vehicle, tourist rating, damages incurred and etc. This system also stores information of the owner of the vehicle in-case of an emergency along with a detailed report of the vehicle's statistics from the day it began the rental. Miscellaneous information such as brand, model year, seat capacity and a brief description about the vehicle along with the rental price per day or mileage depending on the user's preference will also be displayed.
4.	Silva W.I.S.	Insurance Management System - manage the customer's online insurance needs. The website enables the customer to add, update or remove any insurance. Variety of insurance in the system which customer can choose according to the budget. Website admin can update the customer's insurance details and delete the inactive customer, also admin can generate customer

		reports. Customers can interact with different types of insurance companies for their requirements.
5.	Perera L.S	Payment Management System - Payment Management refers where payment for services are managed. The website enables guests to pay for services such as room bookings, vehicle rentals, guest bookings ,outdoor activities and other amenities. The payment management system guarantees secure transaction processing and payment information management and simplify the payment process. The payment administrator can search, update, and delete payment and booking information and view monthly payment reports. The system facilitates the transfer of payments to service providers for advertisements
6.	Hewage H.N.	Destination Management System - provides the opportunity to get all the clear and accurate information about the relevant destinations. Travelers have the ability to search and add a destination of their choice by looking at reviews and ratings beforehand. When the traveler wishes to get to his destination, he uses our system to choose a package that suits his needs. A map provides the destination and position data from their location to select destinations. When a traveler wishes to add a location, the transaction is handled by the administrator. The administrator oversees insert, update and delete locations and data from the system.
7.	Madarasinghe S. U	Tour guide management system - In this function, a foreigner can choose a guide and send a booking reservation, including the number of days. The guide's profile also shows his availability and after the end, a booking reservation temporarily disables the availability. The tour guide must confirm or decline the request opinion. When the tour guide approves the request, the tour guide's availability is permanently disabled for the booking period. On a waiting list, A foreigner can cancel their booking request.
8.	Jayaweera J.A S.M	Advertising Management System - Manages all the advertising services. To promote our business, admin can publish ads related to online travel planning. Not only that, ads related to other businesses also can publish on our website. To publish an advertisement, firstly the person or the company must register on our website. Then they can choose a package which suits to their needs from the set of packages we have provided and give us their advertisement by making the relevant payment. After that the admin will publish the ad on the website. The advertiser can update or delete the advertisement according to their preference and they can extend the time period further if they needed.