Sri Lanka Institute of Information Technology
Information Technology Project
Year2, Semester 2 - 2022

Project Charter

Title of the Project:	Tourist Management System	
Batch:	Batch 1.1	Group No: T6
Development Technology:	ReactJS, Java Spring Boot, MySQL	

Description of the Project:

This "Travel Aspire" system, project charter provides an overview of the project by laying out the reasons for undertaking it, such as the current situation at Travel Aspire and the proposed solution, Travel Aspire (Pvt) Ltd.'s Online Travel management system, which was designed and implemented by the client's requirements. The Travel Manage Business portfolio is constantly expanding, that is why they wanted to develop a system to streamline their everyday operations. This company provides a variety of packages and services. The administration of "Travel Aspire" has planned to automate its booking services as well as provide billing and account management. The project must be finished in five months and on a budget of Rs.25,000. As a bare minimum, the system requires the following. **Packages, event management, transportation management, food management, agent management, room management, flight ticket management, and locations and site seeing management** are the main areas of concentration.

Travel Aspire provides the tourist's needs in one place where they can easily pick a suitable package that the system provides, and they can customize the packages according to their needs. Our main goal is to improve the efficiency to get the tourist's needs very easily so that it saves time for the user. Users can easily filter their search results according to the criteria in our system.

The system is aimed to provide an excellent and user-friendly service. To achieve the goal, the system provides a variety of interfaces to fulfill customer requirements through the digital environment. It reduces the cost and manual work. The system has a database of payments and user details. When payment has been done it automatically generates a financial statement and debt report. Customers can do multiple reservations (vehicles, flights, food, rooms) and the system takes care of the booking. Once the travel management system is implemented, the hotels and users will be able to operate more efficiently, thereby cutting down the costs and eventually will be more profitable. Travel Aspire (Pvt) Ltd can be able to make use of the new computing facilities to capture and store information of customers to secure repeat business, initiate additional business, and raise occupancy levels in the shareholders of the system. One of the system's strategies is to expand its business to implement with the 9 branches by the end of the coming two years, and the implementation of the newly digitalized facilities could be used for this expansion goal.

Users must register to the system by filling in their details and authenticating their mail with google authentication. Then users can log in to the system and edit their details if they want. Customers are facilitated with booking hotels and rooms, placing food orders, selecting a travel agent with preferrable language, can select packages offered by the system, choosing the events provided by the "Travel Aspire" system, reserving the vehicles and flights if they need, online from anywhere. Customers can view, search, book tickets, and can send requests to cancel the booking of upcoming events. Customers can customize the packages and they can add additional

services. The package system is fully customizable by the customer.

Customers can reserve all the bookings after doing the payments. Payments can be made in several ways using, cards, cash, and PayPal. Customers can get the payment receipt and the reservation details, after doing the payment.

An agent can log in to the agent profile page and see the appointments, reservations at the same time agent can control all functions. Each employee handles their duties, and an admin is given an account to handle administrative tasks. And admin is assigned to do tasks about adding new services, updating services, deleting services viewing bookings, and managing user profiles.

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.	Gawsan R.	IT20051402	0752838994	gawsan.r@gmail.com
2.	Yohan Asitha I.G.G.V.	IT20256050	0775160907	yohanasitha98@gmail.com
3.	Shehan Cooray P.S.L.T.	IT20638054	0776695324	it20638054@my.sliit.lk
4.	Diyunugala S.A.	IT20662264	0779199942	it20662264@my.sliit.lk
5.	Prasanth P.	IT20667214	0768360178	pra100298@gmail.com
6.	Deshan M.A.D.	IT20642532	0766063075	damith.deshan98@gmail.com
7.	Ahamed. M.R.A	IT20606206	0760103433	it20606206@my.sliit.lk
8.	Kaanushan S	IT20616274	0774549953	Kaanu737@gmail.com

List of Functions Developed by the Group Members:

	Name with Initials	Brief Description of the Function
1.	Gawsan R.	**Package Management** Customers customize (modifying) the packages. Customers can search the packages and sort that searched package. Admin can add, update, delete packages and generate the report. **Agent profile** Agent signup, login, view the appointments and reservations, delete the requests, update his profile and experience and generate the report.
2.	Yohan Asitha I.G.G.V.	**User Profile Management** Users sign up, login, add, update their details. Users can view, update, and delete the reserved reservation. Users can search and short their reservation history, get the relevant month's summary report, and see their previous activities, special offers, and packages.

3.	Shehan Cooray P.S.L.T.	**Flight Management (Ticket Booking)** Customer searches and filter the available flights and update, delete, and retrieve reservations. Admin adds, updates, deletes flight details, and gets a booking report for every flight. **Payment Management** Customers add, update payment details, delete bookings, view the travel details.
4.	Diyunugala S.A.	**Room Reservation Management** Admin adds, updates, deletes room and hotel details also can generate a booking report of each day or monthly vise. Customers search and view the hotel and room details and add, update, delete reservations.
5.	Prasanth P.	**Vehicle Rental Management** Customers can search and view available rental vehicles, reserve, update and delete vehicle reservations and can see the reservation history report and sort those results. Admin adds new vehicle, update vehicle details, delete vehicles, view bookings, and generate reservation report.
6.	Deshan M.A.D.	**Food Management** Customers can view the preferred foods using the search bar, add, update, delete their food orders. Admin can add, update, delete food details and generate reports of every food category. **Employee Management** HR employees view, add and update salary and OT details and generate employee's salary reports for each month.
7.	Ahamed.M.R.A.	**Event Management** Customers can search and view specific events, book and request cancel event bookings. Admin adds, updates, deletes events, generates the report and cancels booking events.
8.	Kaanushan S.	**Agent Management** Customers view specific agent details using the search bar, add, update and delete agent bookings. Admin adds, updates, deletes agents, and gets each agent's summery report.