Project Charter

Title of the Project :	Tourism management system for The **TourPro**	
Batch :	WD.04.2	Group No:
Development Technology :	HTML, CSS, SQL, Java, JavaScript	

Description of the Project:

Our Tourism management system would
play a vital role in planning the perfect trip. The tourism management
system allows the user of the system access all the details such as guides,
location, accommodation etc.

The main purpose is to help tourism companies to
manage customers and hotels etc. The system can also be used for both
professional and business trips. The proposed system maintains a centralized
repository to make necessary travel arrangements and to retrieve information
easily.

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.	W.M.N.D.Mahamithawa	IT20628536	076 591 5646	it20628536@my.sliit.lk
2.	Bandara B M C P	IT20601010	071 694 7053	It20601010@my.sliit.lk
3.	W.A.N.Kavindu	IT20102746	077 295 9768	it20102746@my.sliit.lk
4.	Perera K.B.U	IT20605216	071 225 6091	it20605216@my.sliit.lk
5.	Wijerathne W.M.L.N	IT20627850	070 3324126	it20627850@my.sliit.lk
6.	Fernando M.P.T.K	IT20610852	070 4873065	it20610852@my.sliit.lk
7.	Ubayawardhana G.A.M.S	IT20622664	070 5962964	it20622664@my.sliit.lk
8.	Pindeniya P.C.M	IT20124144	071 1150332	it20124144@my.sliit.lk

List of Functions Developed by the Group Members:

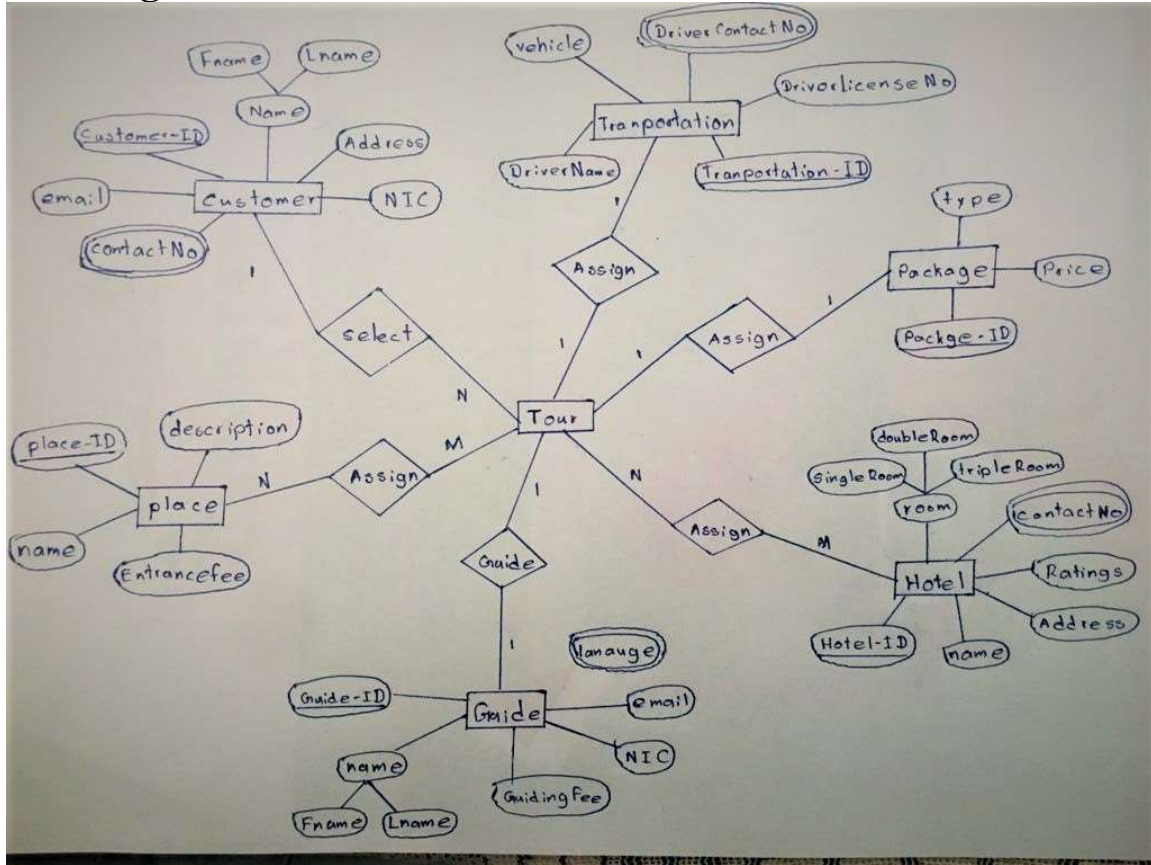|	Name with Initials	Brief Description of the Function
1.	W.M.N.D.Mahamithawa	**Package management** - The customers should buy a package for any tour and the system used to add package details likewise Package type, price of the package etc. The system users can update packages as well as delete them if it required. They can also search package details and print them.
2.	Bandara B M C P	**Customer Management:** This system provides a list of various services There is various brands information along with additional details. There is an online application form where customer can choose their respective service or services like book a room, order food… etc. There is database connectivity provided where each customer detail has been stored. The system Provides functions for edit or deleting customer details. Also, the system provides search services.
3.	Fernando M.P.T.K	**Hotel Management:** Customers can search for their desired hotels by entering the dates they are planning to visit and the number of people. Then they can select the required rooms and contact the hotel after booking. Then they will receive a confirmation email. Add Hotel – Create Remove Hotel – Delete Update Hotel room pricing – Update Show hotel room information – Read Report: Get a report of the number guests booked in a particular hotel in a month
4.	W.A.N.Kavindu	**Place Management:** Place holds the destination where the user wishes to tour. Details such as Name, Description, Entrance Fee and PlaceID which is the primary key.

		There is database connectivity provided where each Place detail has been stored. The system Provides functions for add, edit or delete details. Also, the system provides search services.
5.	Perera K.B.U	**Guide Management:** Guide management included 4 main functions. They are, add guide details (GuideID, Guide name), update, retrieve and delete the guide details. In addition to these functions, this system allows to search and print the details about guides.
6.	Wijerathne.W.M.L.N	**Driver Management:** Driver management included 4 main functions. They are, add driver details (DriverID, Driver name), update, retrieve and delete the guide details. In addition to these functions, this system allows to search and print the details about drivers.
7.	Ubayawardhana G.A.M.S	**Employee Management:** Employee management included 4 main functions. They are, add employee details (EmployeeID, Employee name), update, retrieve and delete the guide details. In addition to these functions, this system allows to search and print the details about drivers.
8.	Pindeniya P.C.M	**Vehicle Management:** Vehicle management included 4 main functions. They are, add vehicle details (VehicleID, Vehicle name), update, retrieve and delete the guide details. In addition to these functions, this system allows to search and print the details about vehicles.

ER Diagram

Relational Model

Customer (<u>Customer_ID</u>, Fname, Lname, NIC, E-mail, Address)

Customer-contact (<u>Customer_ID</u>, Contact_no)

Transportation (<u>Transport_ID</u>, Driver_name, Driver_licenseno, vehicle)

Transportation-Driver contact (<u>Transport_ID</u>, Driver_contact no)

Packge (<u>Package_ID</u>, price, Type)

Tour (<u>Tour_ID</u>, Customer_ID, Transportation_ID, Package_ID, Guide_ID, place_ID, Hotel_ID)

Guide (<u>Guide_ID</u>, NIC, Fname, Lname, Guiding-fee)

Guide-lan (<u>Guide_ID</u>, Language)

Hotel (<u>Hotel_ID</u>, Name, Address, Ratings, Single_room, Double room, Triple_room)

Hotel-Contact (<u>Hotel_ID</u>, Hotel_contact no)

Place (<u>place_ID</u>, Entrance_fee, Name, Description)