Republic of the Philippines
POLYTECHNIC UNIVERSITY OF THE PHILIPPINES
COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
Sta. Mesa, Manila

I. PROJECT DETAILS

Project Name	Sir Frank's Car Rental System
Project Sponsor	Ashley V. Ambas
Project Manager / Developer	Ashley V. Ambas
Phone Number	09477177483
Expected Start Date	12/19/2022
Expected Completion Date	2/20/2023

II. PROJECT DESCRIPTION

A car rental is a vehicle that may be rented for a certain length of time for a charge. Renting an automobile allows individuals to travel about even if they do not have access to their own vehicle or do not own one at all. To hire a car, the user must first contact the auto rental business for the desired vehicle. This is something that can be conducted online.

This Car Rental System project is intended to assist an automobile rental firm in enabling car rentals through an internet system. It allows users to browse for available vehicles, see profiles, and book automobiles for a specific time period. It includes an easy-to-use interface that allows the user to search for automobiles and hire them for the time period selected. They might also pay through the internet. The user will be able to make reservations based on the type of automobile requested by the customer. Bookings are made simple using this Car Rental System. It saves time and money. It will require a unique identifying number. Using these facts, the tool will assist the customer in booking a car for the trip.

II.1 OBJECTIVE AND GOALS

II.1.1 OBJECTIVE

This project's objective are as follows:

- To create a web-based system that would aid in the management of rental car business transactions.
- To aid in the promotion of a company's car rental services through the availability of the system online.

II.1.2 GOALS

Our goal is to develop and build a data management system for a car rental service. This permits admin to rent a car that may be utilized by a client by paying the money over a certain period of time.

- Using this system, administrators may handle their rental, payment, job, and car concerns such as insurance.
- Admin can enter automobile details into the system.

II.2 SCOPE

This project's scope is as follows:

- The auto rental system will preserve detailed data of both the cars and the clients, including the length of time they hire the car and the sort of car they rent.
- The system will be primarily designed for small businesses who provide car rental services to clients.
- There will be two tiers of access to the system:
- The chief executive officers
- Customer

II.3 Specifications / Features

- Automobile Rental Management

  It offers online car reservations. Customers may search for numerous autos on the internet. Booking may be done if they are viable with the requirements.

- Checking For Availability

  Employee can check for the availability of the automobile. He or she is in charge of the automobile database. If no cars are available, it is the employee's obligation to supply alternate possibilities.

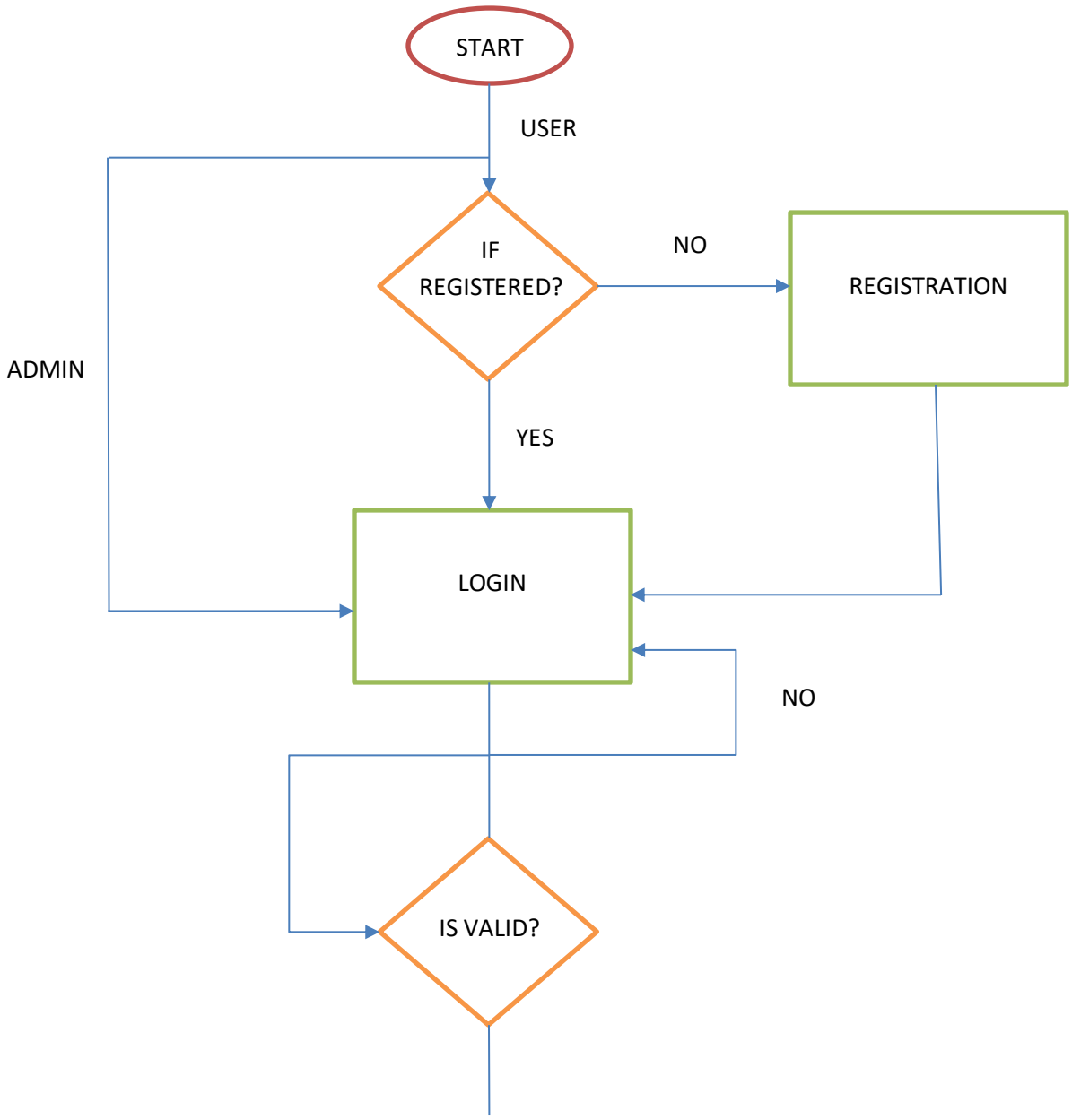
- Payment system:

  The administrator/owner of the apps is responsible for payment to the employee. Order cancellation and order finalization are all handled by the application's administrator.

II.4 CONSTRAINTS, ASSUMPTIONS, RISKS AND DEPENDENCIES

Constraints	Customers must connect to their own accounts in order to use the rent a car feature. Guests must establish their own accounts.
Assumptions	The system will not allow booking and rental capabilities till the payment step is finished.
Risks and Dependencies	The system doesn't somehow permit renting the same car on the same day. If this occurs, the system will cause a fatal error.

III. Flowchart



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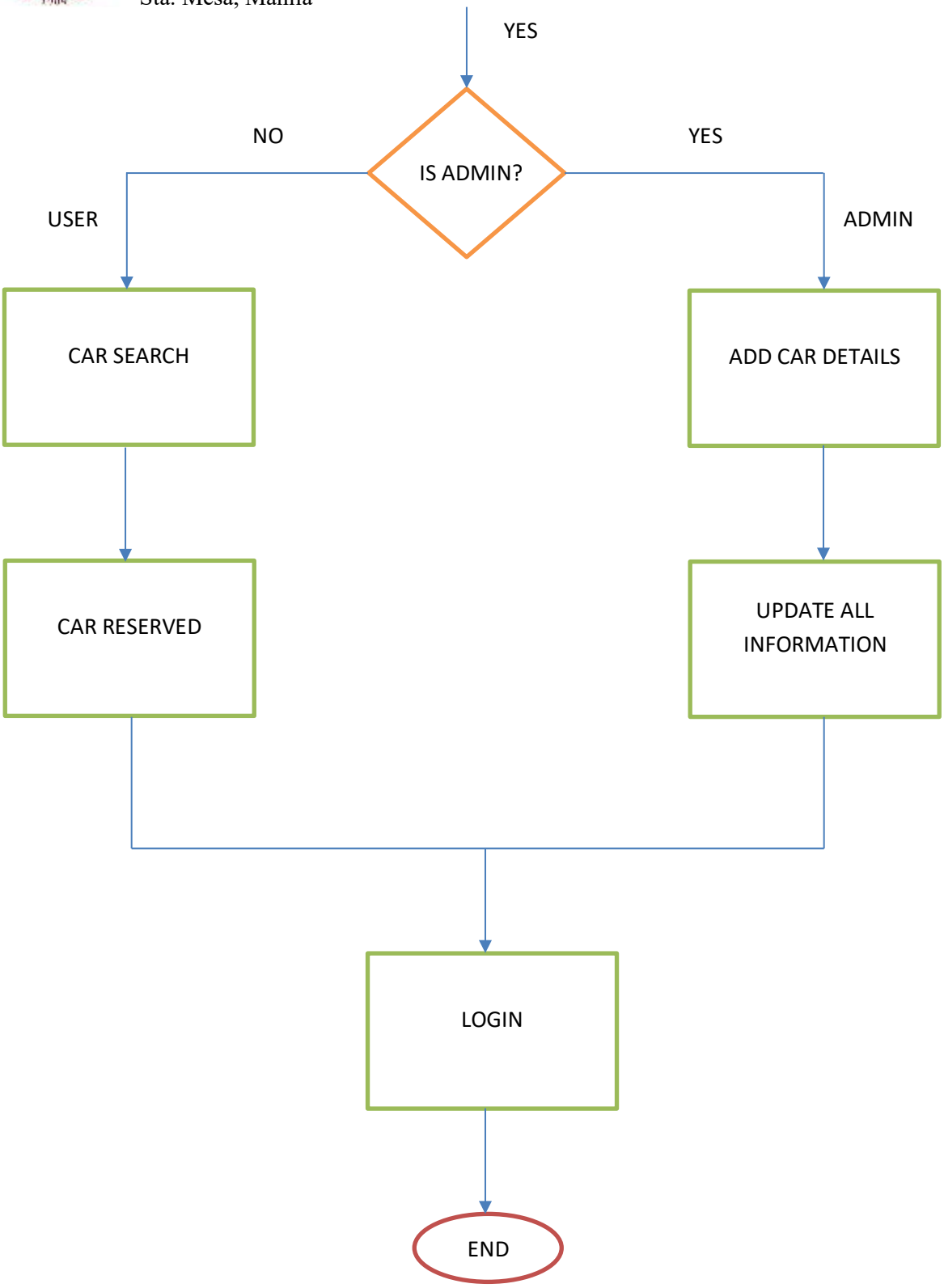


IV. KEY STAKE HOLDERS

Client	Sir Frank's Car Rental
Sponsor	Ashley V. Ambas
Project manager	Ashley V. Ambas
Project developer	Ashley V. Ambas

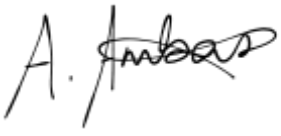
V. MILESTONES

Milestones [Example]	Start Date	End Date
Initial Design, Prototype, and Project Setup	2/15/22	2/15/22
App Layout and User Interface Design	2/15/22	2/16/22
1st Development Phase	2/16/22	2/21/22
Client Update Demo	2/22/22	2/22/22
2nd Development Phase	2/22/22	2/26/22
Client Final Presentation	2/26/22	2/26/22
Final App Testing, Revisions, and Calibrations	2/26/22	2/28/22
Project Completion and Release	**3/01/22**	**3/01/22**

VI. APPROVAL SIGNATURES

[Signature]

[Name]
Project Client



Ashley V. Ambas
Project Sponsor