



Parshvanath Charitable Trust's
A. P. SHAH INSTITUTE OF TECHNOLOGY, THANE
(All Programs Accredited by NBA)

Department of Information Technology



Car Pooling System

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Project Guide
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1. Introduction

- The carpooling system is a web-based application is to provide us with a simple riding platform between the car owner and car user.
Carpooling (also known as car-sharing, ride-sharing and lift sharing), is the sharing of car journeys so that more than one person travels in a car.
- Carpooling has become a practical, cheap and stress-free way to move around.

•**Problem Identified :**

- Some people may recognize that they do not want to engage in carpooling any longer since they want to be more flexible.
- passengers might join a carpool with irresponsible drivers which could lead to serious car accidents.

•**Solution Proposed :**

- Through the use of carpools, there would be fewer cars on the streets and the chances to get stuck in traffic jams might be lower due to that.
- Carpooling would be an effective measure against noise pollution and fewer cars would be used.

2. Objectives

1. To reduce overall traffic congestion and peak hour congestion on the roads.
2. To reduce single occupancy car trips by implementing car pooling system.
3. To promote alternative modes of transport.
4. To improve parking in areas that are experiencing parking congestion.
5. To save money by sharing the cost of driving one car.
6. To reduce pollution and carbon dioxide emissions.
7. To reduce driving-related stress for participants.
8. To provide social connections in the society.

3. Scope

- The Car Pooling System provides an eco-friendly way to travel which also provides an opportunity to meet new people and passengers will make their trip with a reliable automobile.



4. Feature /Functionality

1.EMPLOYER BENEFITS:

- Reduced need for parking
- Financial and tax benefits for employers

2. SOCIETAL BENEFITS:

- Reduced vehicle miles traveled
- Cost savings for public agencies and employers.

3. TECHNOLOGICAL TRENDS:

- Growth of location-based navigation services and data sharing.

5. Outcome of Project

1. Carpooling will save YOU money.
2. Carpooling is better for the environment.
3. Carpooling is convenient.
4. Get to meet new people

6. Technology Stack

Developed front end (GUI) & Backend (Database if applicable)

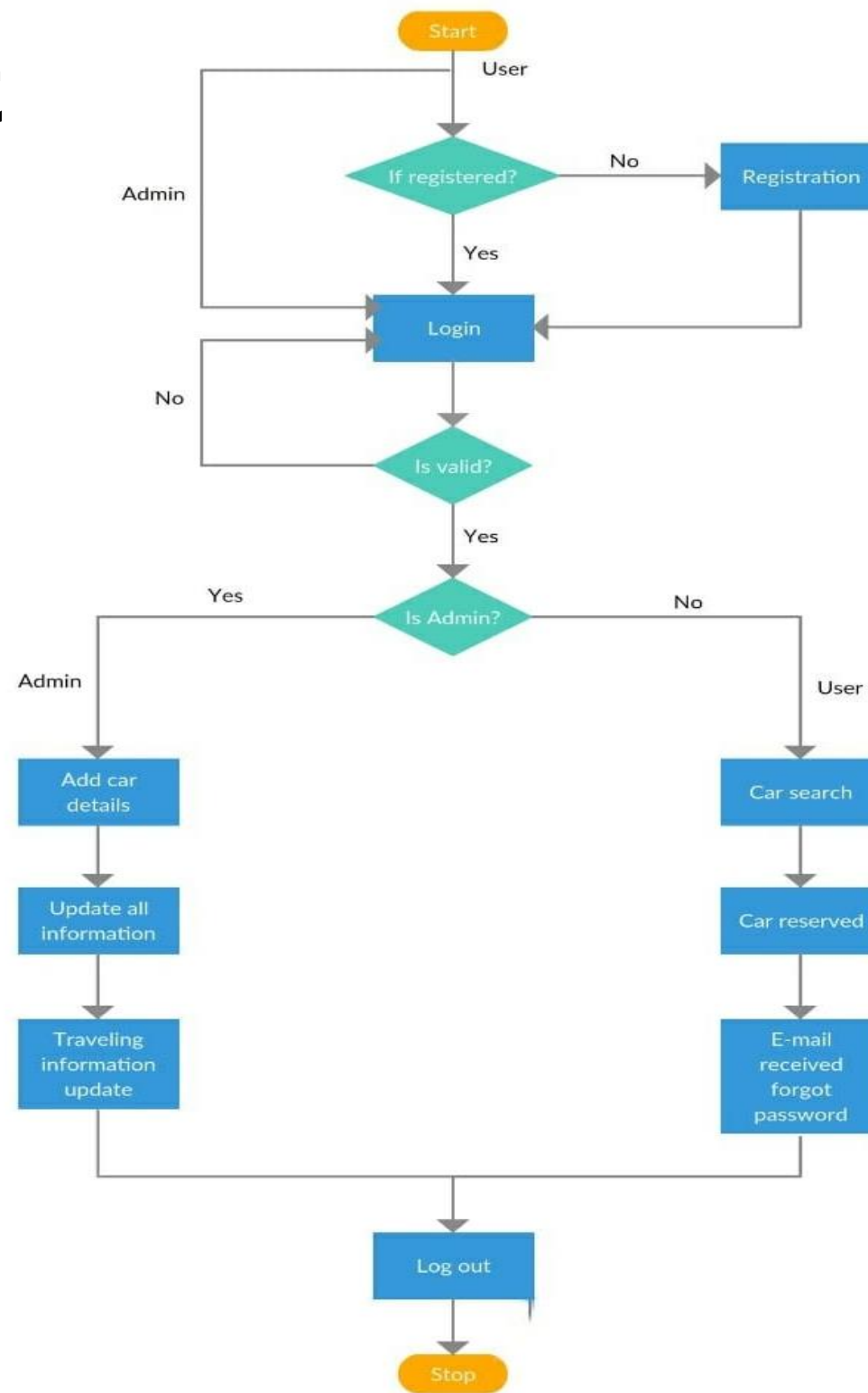
Back End:

1. MYSQL Ver 8.0.26

Front End:

1. Visual studio code

Flowchart



Thank You...!!