



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



Title of your Project **Car Rental System.**

Dhananjay Phalke - 20104120

Snehi Ratani - 20104035

Disha Phatta - 20104029

Project Guide
Ms. Rujata Chaudhari

Contents

- **Introduction**
- **Objectives**
- **Scope**
- **Literature Survey**
- **Proposed System**
- **Project Outcomes**
- **Block Diagram**
- **Use Case/DFD**
- **Technology Stack**
- **Suggestions in Review-1**
- **Result and Discussion**
- **Conclusion and Future Scope**
- **References**

1. Introduction

- Problem Identified :
 - If you only need a car occasionally for short term-use, renting a car is more convenient and cheaper.
- Solution Proposed :
 - It is as simple as things can be. Login to the Vigorous Vehicles website, choose the vehicle you want (depending on budget or liking), select whether its intra or interstate, pay the deposit amount and you're good to go. Renting is cheaper than buying a car.

2. Objectives

- To provides you freedom from the worries of maintenance and depreciation.
- To save you the cost and hassle of owning a car while giving you all the good parts.
- To provide convenience & mobility at a same place.
- To make the customer aware that hiring a car is the next best option to buy a car.
- To reduce the manual work for managing the Car, Payment, Booking, Customer.

3. Scope

- If you want to rent a car in the long- or short-term or are swithering about leasing, you should weight up a few facts before you choose this option over buying.
- One advantage of renting is that you can experience driving brand new cars of lots of different types – some of which, for various reasons, you might never choose to buy.
- For instance, you might want to hire a 9-seater for the weekend or treat yourself to a luxury model or sporty convertible.

4. Literature Survey

1. ZOOM CAR BUSINESS MODEL, ZOOM CAR is India's first online self-drive car rental company. The business model that it follows is of peer-to-peer car renting business.
2. The company allows individuals to hire cars on rent.
3. Yes!! You can hire a car for a few hours to days to even months.
4. ZoomCar follows a model wherein the company owns almost 75% of the cars through loans from the banks.
5. While the remaining cars are on lease from large companies like Avis Budget Group.

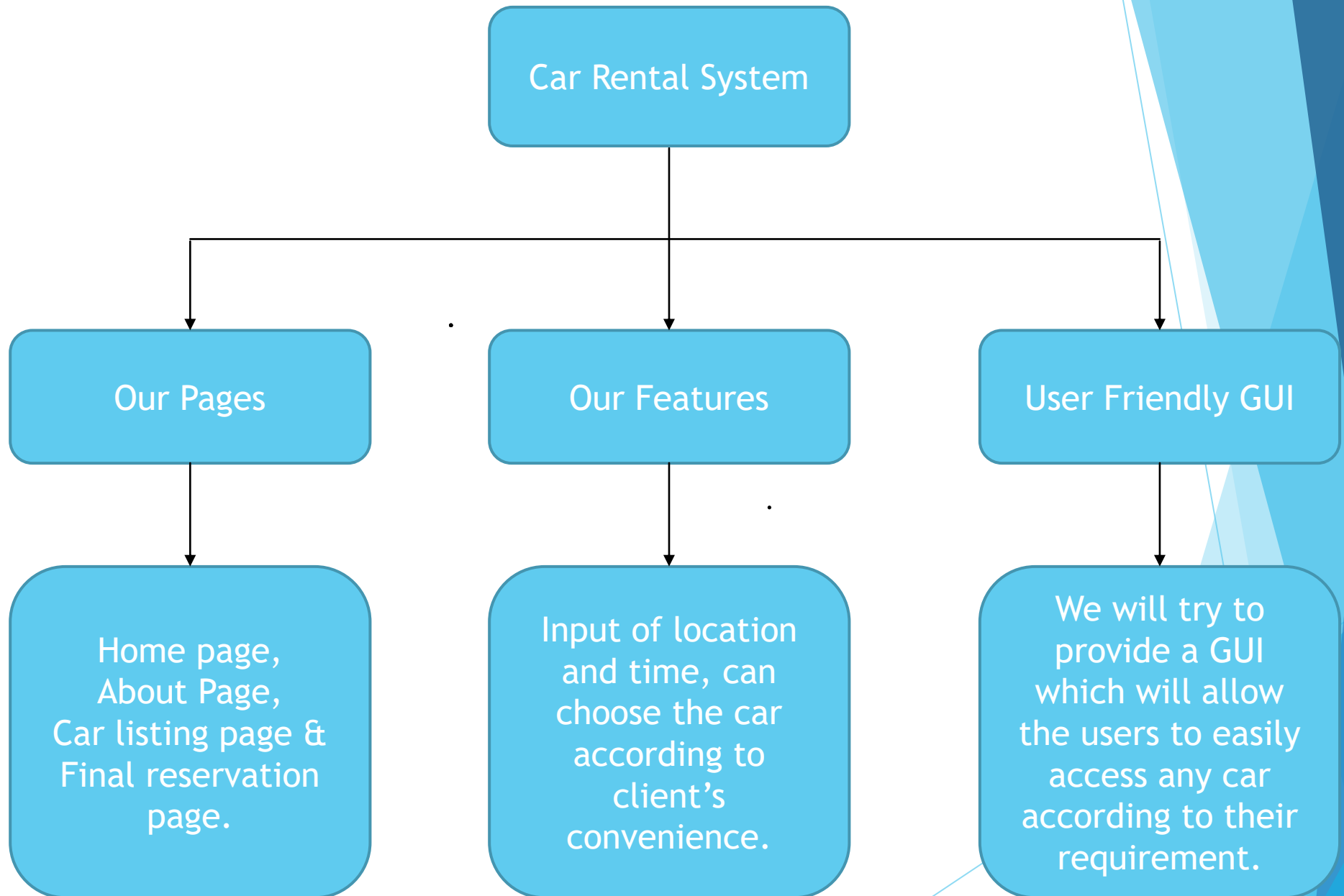
5. Proposed System

- **Feature 1: Rent by the**
 - Hour, Day, Week, or Month.
- **Feature 2: Located in**
 - Your Neighborhood or Near Your Office.
- **Feature 3: Check availability**
 - Of any cars with its information related to model.
- **Feature 4: Multiple payment modes**
 - Like credit cards, debit cards, online channels.

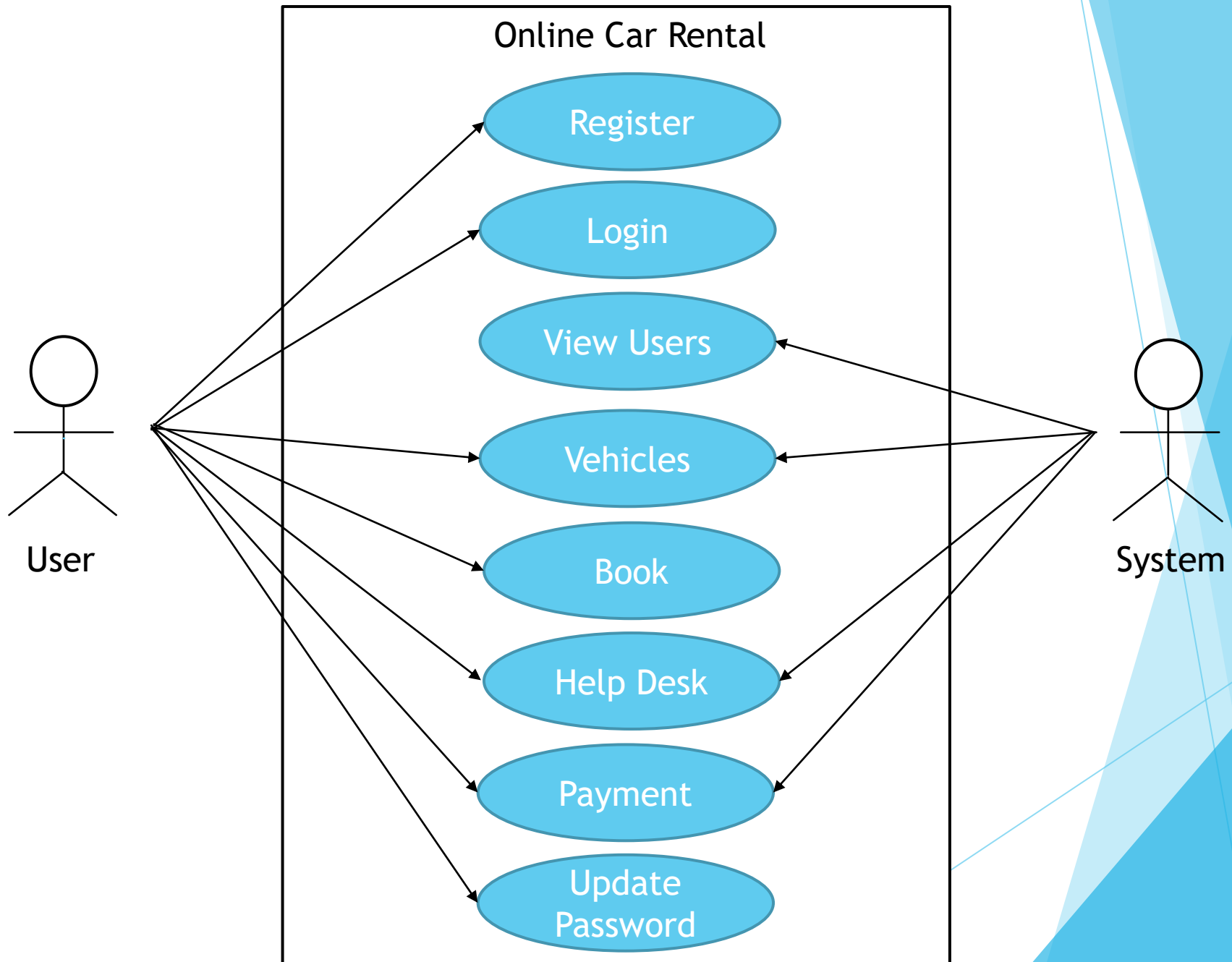
6. Outcome of Project

1. User can search for options available.
2. User can book/cancel the book.
3. User can view all current books booked by him.
4. User specifies a type of car and the journey date and time.
5. User can make payment online.

7. Block Diagram



8. Use Case/Data Flow Diagram



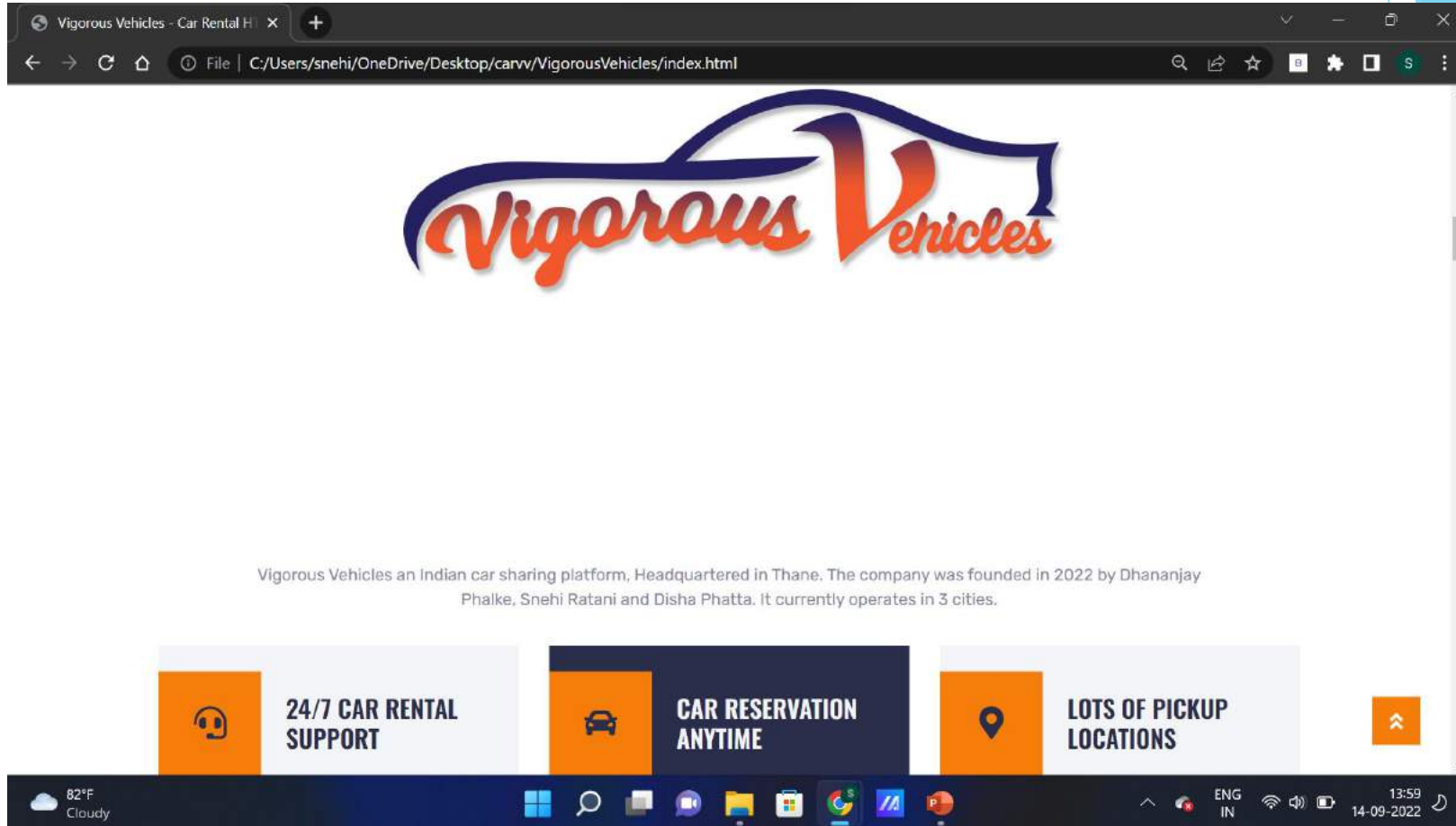
9. Technology Stack

- **Language used:**
 - HTML
 - CSS
 - JavaScript
 - MySQL

Suggestions in Review-1

- Security Concern

Result and Discussion




Result and Discussion

Vigorous Vehicles - Car Rental

C:/Users/snehi/OneDrive/Desktop/carvv/VigorousVehicles/booking.html

FORD MUSTANG



₹ 7000.00/Day
Rating: ★★★★★ (250)

Keep In Mind Driving License Mandatory + Fare & Fuel Policy Fare is inclusive of all taxes. Kindly return the car at the same fuel level as the trip start time Cancellation Policy Hassle free cancellations and refunds at nominal charges I Agreement Policy I hereby agree to the terms and conditions of the Lease Agreement with Host ; Have more questions? Chat with us! We will help you resolve queries.

Share on: [f](#) [t](#) [in](#) [p](#)

🚗 Model: 2015	⚙️ Automatic	⛽ 20km/liter	📍 GPS Navigation
🚗 Model: 2015	⚙️ Automatic	⛽ 20km/liter	📍 GPS Navigation
🚗 Model: 2015	⚙️ Automatic	⛽ 20km/liter	📍 GPS Navigation

82°F Cloudy

14:00 14-09-2022

Conclusion and Future Scope

- The web based car rental system has offered an advantage to both customers as well as Vigourous vehicles to efficiently and effectively manage the business and satisfies customers' need at the click of a button.
- Vigourous vehicles is an Indian car sharing platform which currently operates in three city's, but we're planning to expand in the other urban city's over PAN India.
- And we will also add live map system for intercity rides.

References

Thank You...!!