



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

**Department of Information Technology**



# **Project Title – Online Parking Slot System**

## **Group members with Student Id**

<b>GROUP MEMBERS NAME</b>	<b>MOODLE ID</b>
DIVYAL CHHEDA	21204005
PRATIK PANDIT	21204009
BHAVIKA BAND	21204002

**Project Guide - Prof. Apeksha Mohite**

# Contents

- Introduction
- Objectives
- Scope
- Features / Functionality
- Project Outcomes
- Technology Stack
- Block Diagram

# 1. Introduction

- In today's busy world , some people are unable to get parking of the particular vehicle.
- Now-a-days, because of more vehicles, they can search for Parking slot available easily.
- The idea of Online Parking Slot System is innovative and useful for the people who are worried to park their vehicles.

## 2. Objectives

- To handle the entire activity of parking slot admin.
- To keep track of all the information about the vehicles parked services provided.
- To contain database where all the information will be stored safely.

### 3. Scope

- This project will keep track of all the vehicles parked and modifying/removing services information.
- The system will be able to handle all the necessary information.
- It is easy to understand.
- It is easy to operate.
- It generates vacant Parking slots.

## **4. Feature /Functionality**

- 1:** Vehicles Categorization.
- 2:** User-friendly interface
- 3:** Update about Vacant spaces for parking.
- 4:** Displays parked vehicles or slot if full or empty.
- 5:** Easy to use.

## 5. Outcome of Project

- Admin will be able to login.
- The admin can add/delete/update the parked vehicles details.
- The admin can also check the vacant spaces to park other vehicles.
- It can able to search for the vehicles related information.
- Also, Details of customer and vehicles for parking can be seen.
- This keeps records of all vehicles related information, vacant spaces, non-vacant spaces, etc.



Admin Login

Username :

Password :

Login

Home	Refresh Slot									
	Slot 1 1	Slot 2 None	Slot 3 None	Slot 4 None	Slot 5 None	Slot 6 None	Slot 7 None	Slot 8 None	Slot 9 None	Slot 10 None
	Slot 11 None	Slot 12 None	Slot 13 None	Slot 14 None	Slot 15 None	Slot 16 None	Slot 17 None	Slot 18 None	Slot 19 None	Slot 20 None
	Slot 21 None	Slot 22 None	Slot 23 None	Slot 24 None	Slot 25 None	Slot 26 None	Slot 27 None	Slot 28 None	Slot 29 None	Slot 30 None
Add Vehicle	Slot 31 None	Slot 32 None	Slot 33 None	Slot 34 None	Slot 35 None	Slot 36 None	Slot 37 None	Slot 38 None	Slot 39 None	Slot 40 None
	Slot 41 None	Slot 42 None	Slot 43 None	Slot 44 None	Slot 45 None	Slot 46 None	Slot 47 None	Slot 48 None	Slot 49 None	Slot 50 None
	Slot 51 None	Slot 52 None	Slot 53 None	Slot 54 None	Slot 55 None	Slot 56 None	Slot 57 None	Slot 58 None	Slot 59 None	Slot 60 None
	Slot 61 None	Slot 62 None	Slot 63 None	Slot 64 None	Slot 65 None	Slot 66 None	Slot 67 None	Slot 68 None	Slot 69 None	Slot 70 None
Manage Vehicle	Slot 71 None	Slot 72 None	Slot 73 None	Slot 74 None	Slot 75 None	Slot 76 None	Slot 77 None	Slot 78 None	Slot 79 None	Slot 80 None
History										

Home

Name :  
DemoVehicleTwo

Mobile :  
1010101000

Vehicle No :  
1011

Vehicle Type :  
2 Wheeler  
2 Wheeler  
4 Wheeler  
Added Successfully

Add Vehicle

Manage Vehicle

History

Home

Add Vehicle

Manage Vehicle

History

Refresh						
ID	Name	VEHICLE No	MOBILE	VEHICLE TYPE	ENTRY TIME	ACTION
1 1	DemoVehicle	1010	1010101010	2	2021-08-25 14:54:04	Exit
2 2	DemoVehicleTwo	1011	1010101000	4	2021-08-25 14:54:37	Exit

Home

Add Vehicle

Manage Vehicle

History

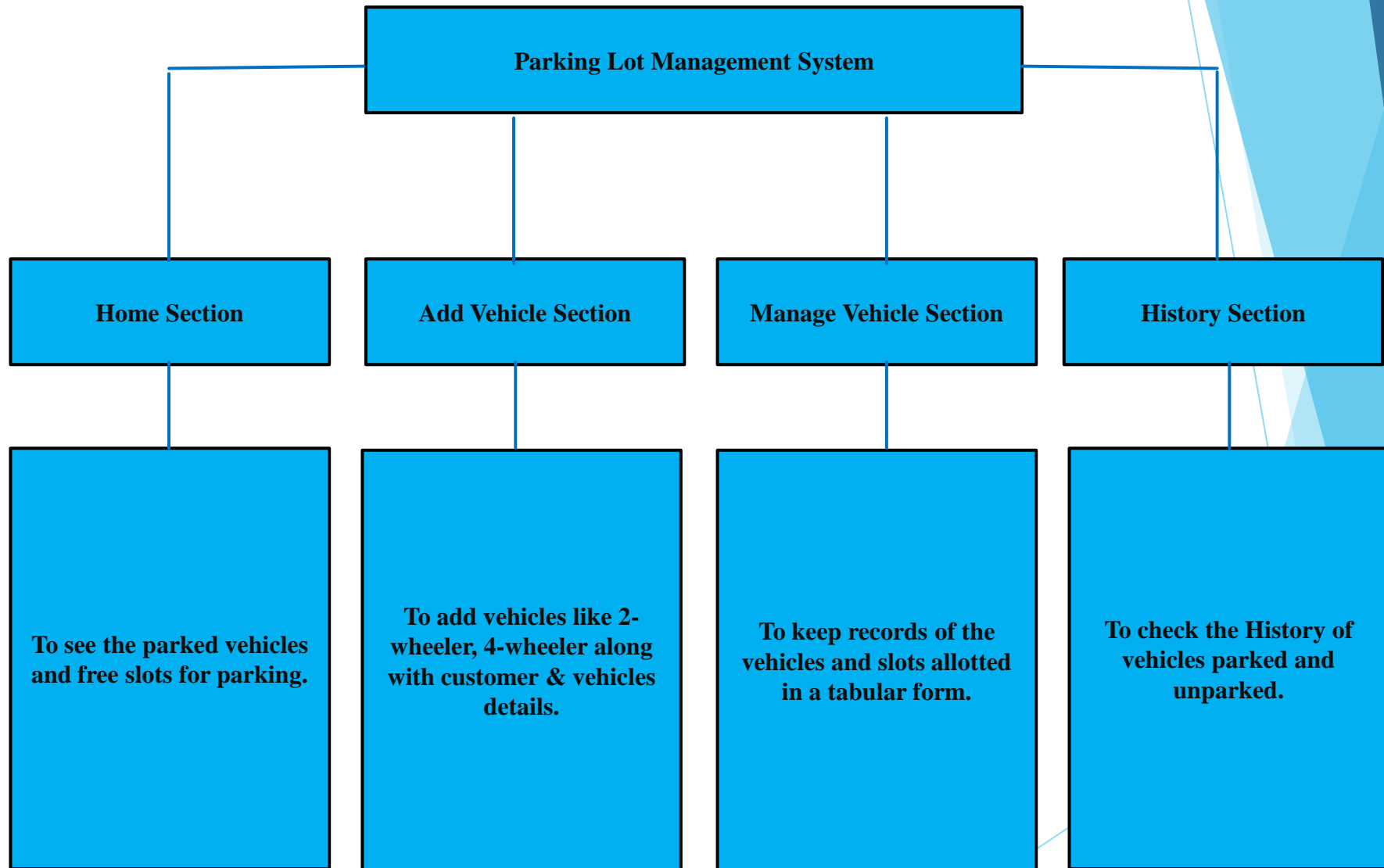
Refresh						
ID	Name	VEHICLE No	MOBILE	VEHICLE TYPE	ENTRY TIME	EXIT TIME
1 1	DemoVehicle	1010	1010101010	2	2021-08-25 14:54:04	2021-08-25 14:55:45



## 6. Technology Stack

- FRONT END – Python – 3.9
  - Tkinter
- BACK END – db - SQLite
  - Xampp, phpmyadmin
- Editor – VS Code
- Operating System – Windows 10

# 7. Block Diagram



Thank You...!!