

# PROJECT :- PARKING MANAGEMENT SYSTEM

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# PARKING MANAGEMENT SYSTEM

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# AGENDA

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- Introduction to parking management system
- Importance
- Purpose of program
- Functions
- Code



# INTRODUCTION TO PARKING MANAGEMENT SYSTEM

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**It's a system that helps people, companies, and organizations to manage their parking spaces.**

- *Parking management solutions include the innovative technology that solves problems within the parking industry.*
- *Parking managers are gradually migrating from a hardware focus to a digital focus.*
- *The cost of buying a parking management system is relatively low compared to other options.*



# IMPORTANCE

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- While parking, you have to ensure that where you stop your vehicle doesn't cause hindrance or blockage to others. At the same time, your motor wheeler should be parked at a place where it is allowed to. Otherwise, you're sure to take out some bucks for paying fines.



# PURPOSE OF PROGRAM

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Vehicle Parking Management System program is based on the concept to generate Parking Vehicle records & update it. Here User can add Vehicle detail (Vehicle platnumber, vehicle type) in the program and it's not time-consuming. This program makes easy to store records of each (Arrival & Departures of vehicles).





# USE HEADER FILE IN PROGRAM

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- `#include<iostream>` :-To use cin and cout in C++ one must include the header file `iostream` in the program.
- `#include<vector>` :-In C++, vectors are used to store elements of similar data types.
- `#include<windows.h>` :- which contains declarations for all of the functions in the **Windows** API, all the common macros used by **Windows** programmers, and all the data types used by the various functions and subsystems.
- `#include<fstream>` :- It is used to create files, write information to files, and read information from files.

