**PROJECT REPORT**

ON

**“PARKING MANAGEMENT SYSTEM”**

(FOR THE YEAR 2012-2013)

Submitted AS A PARTIAL FULFILLMENT

OF THE REQUIREMENT FOR THE COURSE

M.C.A.

(Management)

UNDER THE UNIVERSITY OF PUNE.

By

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## 

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We have a great pleasure to present this project on

**“PARKING MANAGEMENT SYSTEM“**

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**Introduction**

**Purpose**

* This project is all about the Parking Management System, where the System is developed to fulfill the need of parking management which records, manages, arrange and retrieves the data as required.
* It is a comprehensive and fully-integrated, user-friendly Parking Management System, which efficiently manages the complete database of every vehicle owner, vehicle and their personal details.
* The system also provides a billing system where the bill is generated on the basis of time.
* The features of searching the vehicle from parking lot is also covered in this system.

**Scope**

The scope of system is being developed to overcome the limitations and shortcomings of present system.

As the system is designed to overcome many disadvantages of existing system, it addresses most of the issues of the present system.

Following are the main advantages that can be directly seen:

It is a System to manage the traffic in parking area effectively. Admin can view parking lot and also edit it. Admin can also see status of parking lot. Admin can generate bill on time basis.

* Saving Manpower.
* Also there are some intangible advantages or benefits of this system like transparency and the major rights have only been assigned to the concerned authorities.
* On the go generation of bill.
* Being a Stand Alone application, it does not require any Internet connection.

**Need of System.**

* To reduce manual efforts & to save the cost of Stationary.
* To reduce the complexity of the whole process.
* To have a fast accessing of data in the system.
* To be less expensive and much faster than the existing system.
* To provide Reliability and Integrity.
* Less Manpower required.

**System Requirement.**

**Software Requirements:**

* Windows 98 /Windows  XP And Above operating  system
* Turbo C

**Hardware Requirements:**

* Processor – P III or above
* RAM  256  MB  (Minimum)
* Hard  Disk 20 GB