Mini Project Group No.:- 05

Batch Number :- N8

Mini Project Group Members :-

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Synopsis:

Mini Project Title:- PARKING MANAGEMENT SYSTEM

**Problem Statement:**

Develop a computerized parking information system that can handle the record about entry and exit of vehicles which will ensure avoidance of manual errors leading to critical situations and resulting chaos.

**Context:**

The manual handling of records about entry and exit of vehicles leads to long queues and may result in traffic jams and safety concerns. The manual calculations are bound to human errors which may cumulatively affect regular customer as well as other user of parking site. To resolve these problems there is a need to develop a computerized information system that can handle the situation.

**Concept/Scope:**

We are going to design a computerized database system to handle the public parking system. To design the front end, we will be using Java (Net Beans).and to create the database, we are using Mongo D**B**.

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**Hardware Resources** :

1. A well configured system.

**Software Resources** :

1. MongoDB server as a database management system.

2. Java Programming language for connectivity of front-end services and the back-end manager.

**References:**

1. Mongodb.com

2. TutorialsPoint.com

3. StackOverflow.com

**Guide:**

Mrs. S.A.Jakhete.