REQUIREMENTS:

INTRODUCTION:

A parking management system refers to the innovative technologies providing solutions in the parking industry.

The main aim of this project is to reduce the traffic in the parking places. Normally we can see in the multiplexes, cinema halls, function halls etc.

ADVANTAGES:

1.Better parking experience

2. Efficient

3.Increased safety and security

4.Easy implementation.

DISADVANTAGES:

1.There is no need for driving while looking for an available space.

2.Emmisions are greatly brought down and reduced.

FEATURES:

1.Automated access control system

2.Security analysis

3.Real time vehicle counting

4.Parking reserving barriers

STRENGTHS:

1.Versatile

2.Easy to manage

3.Cost effective

4.Increases protection

WEAKNESS:

1.Regular maintenance

2.Uncertainity in building structure

DETAIL REQUIREMENTS:

HIGH LEVEL REQUIREMENT:

|  |  |  |
| --- | --- | --- |
| ID | Description | Status(Implement/future) |
| HR 01 | Delete the car data | Implement |
| HR 02 | Parked vehicles specific number in row, col | Implement |
| HR 03 | Display list | Implement |
| HR 04 | Add cars in the list | Implement |
| HR 05 | Scan year and month from input | Implement |

LOW LEVEL REQUIREMENT:

|  |  |  |
| --- | --- | --- |
| ID | Description | status |
| LR 01 | Numbers of vehicles | Implement |
| LR 02 | Specific number of parked vehicles | Implement |
| LR 03 | Car number | Implement |
| LR 04 | Car owner Name | Implement |
| LR 05 | Car details | Implement |
| LR 06 | Parked date | Future |