

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. Emissions 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.Uncertainty 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