

**Name: Sardar Muhammad Zeeshan Khan.**

**SAPID: 27969.**

## **PROJECT PROPOSAL**

**TITLE:**

***Car Parking Facility System***

**Problem Domain:**

- 1) Parking is a component of transportation program.
- 2) People, Towns, Cities has addressed parking problems associated with educational institutes, entertainment uses, religious institutions, commercial activities and special events.
- 3) People get late for their respective destinations just because of the traffic problems, especially where there are schools, markets or offices.

## **Problem Statement:**

- Car parking Facilities provides space for parking but lacks discipline for e.g how many cars can be parked or Is the parking available or not?
- They have to manually write the car number and registration number and provide the token for parking.
- There is no sequence for parking, you can park the car where it suites you, or where you find a place empty.
- Only written record of a car entered in the facility, the paper token can be torn apart or can get lost.
- It is difficult to hold onto the paper records and difficult to know which car has left and which car has not.

## **Problem Solution:**

- Develop a program that will have the record of all the cars parked and which of them have left the facility.
- For how much time the car has been parked.
- Number the cars according to their entrance.
- When parking is full, it will show no more parking available, so that they can find a appropriate place or can wait In waiting area.