Project Proposal

**Project Name :**

Parking Management



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**Intro:**

**Problem definition :**

We have many vehicles and we want to park them in a ground. Ground has the space of fifty vehicles (car ,bus,rickshaw,Hiace).

**Presenting solution:**

There are many types of vehicles to be parked in parking.

(1) Rickshaw Amount=50

(2) car Amount=100

(2) Hiace Amount=150

(3) Bus Amount=200

First we have to make a class of parking using c++. First we we will create member fuctions of each vehicle and add their prices and number of vehicle.

After that we we have to create a function which will display the data

Like:

1. How many vehicles are in parking.
2. How many rikshaws are in parking.
3. How many cars are in parking.
4. How many buses are in parking.
5. Total amount of money.

And other function is to delete all the data.

We have to enter every vehicle one-by-one. When all the places are occupied then program tells the user that parking is full no more space in parking.

**Features:**

The program will arrang every vehicles and add money of each vehicle in as given by user.

It will give different button to enter rikshshaws, cars, hiace, buses.

It will display all the data.

And if user want to delete data then it will delete all the data for user.

**Language used in Program:**

We will use C++ programming language for this project.

**Tools used:**

We will use Microsoft Visual studio for this project.