Disadvantages of existing system :

In now a days parking is common issue at all most everywhere and sometime in large parking it’s create more confusion to find out empty space for their vehicle. But to overcome all issues we’re going to design a system or softwere that will help to reduce confusion during parking, help find you free space where you can park .

Presently, many high traffic parking structures such as those found in airports, sports stadiums, Cinemas and shopping centres utilize vehicle entry and exit counters. While this simple approach indicates the number of parking sports that are vacant on a given level, this cannot provide drivers with any information regarding the specific location of vacant parking structures. It is widely noted that congestion in parking lots in high density areas is a great source of frustration for drivers.Finding a vacant spot in a parking lot is a tough task. It is even difficult to manage these lots of incoming traffic aries a lot. A system that could keep track of available spots and push the data to driver’s smart phones would improve driver experience and reduce congestion.

1. You went to a new place and couldn't find parking and kept circling for that one elusive parking spot.
2. You parked your car somewhere (open field, basement) and cant remember where you parked it or find it on your way out

Plans:

In this to overcome disadvantage of existing system we’re here going to design an application that can to get parking map there will be and Q-R code that you need to scan and when you are scan that code phone process that code and give parking map of that specific parking that will shows the parked places and free spaces of that parking and now we have to application that perform next process.

1. The first plan is to design automatically perform operations. In this system there are sensor that mount on land and that sensor help to identify car is parked over there or not throught this we can find all find empty parking and now user park vehicle to the empty places.
2. In first plan there are sensors, so that have more cost. To reduce cost we have other plan at where user need to perform some task manually like after park user need to update that placed as parked vehicle and when they take out their vehicle form that parking place they need to remove badge of parked vehicle from that parking.

This project intends to build a system that makes use of vacant parking spots. The aim here is to provide a more cost effective solution while maintaining comparable detection accuracy.