

Project Objectives:

- Define specific objectives such as real-time parking space monitoring, mobile app integration, and efficient parking guidance.

Mobile app integration

The smart parking app shows drivers where available parking spaces are located, and automatic guidance systems can guide drivers directly to an open spot. The goal of a smart parking system is to make it easier and faster for drivers to find a place to park, reducing traffic congestion and improving the overall flow of traffic.

A smart parking solution is incomplete without the functions. It is essential to know that developing the functions is not easy at all. Only a web development company can create the functions mentioned above with its massive development team.

From various research on Smart parking app development I have

Some points to concentrate

1. Audience Research
2. Competition Study
3. Planning to Designing
4. Programming
5. Testing & QA
6. 6. Deployment & Maintenance

Cost is the major factor for developing a app that can sense the vehicles and sensors to plot for sensing the space to park the vehicles.

Efficient parking system:

There are two scenarios that want efficient parking to do

The first scenario involves a large number of personnel who are required to manage the

Parking space, with the number directly in proportion to the parking area, leading to a point where the number of people needed just for directing traffic is very large.

In the second scenario, the driver of the vehicle loses time in search of an open parking space which may or may not even be available.

For these conditions we want to go for efficient parking

My idea is to set a ultra Sonic sensor for detection of vehicles

We can identify the space in the parking area also by ultra Sonic sensor.

For connecting the data collected by sensor it was connected to cloud server which can store data and share the data that sensor collected

From this step we update the data about parking vehicles in free space.

Conclusion:

That I conclude my idea about smart parking in this file and it is short but I gave some that learned from these days.

Thank you