I want to design a software for finding parking spaces.

As we all know, the number of cars in full-time is increasing. It is very difficult to find a parking space in a crowded city. Users can only know the location of the parking lot through ordinary navigation software. Are there any parking spaces in the parking lot at this time? What is the charging standard? This is quite useful information, the user never knows.

Nowadays, the problem of urban parking is becoming more and more serious, and the speed of new parking spaces will never catch up with the growth rate of car ownership

The design of my app fits the requirements of MVP very well and is what people urgently need.

User stories are those who need to drive frequently but can't find a parking space. In other words, a user can find available parking spaces faster and more accurately through this app.

This app needs to be equipped with several modules. The first is the GPS positioning system. With the positioning system, the user's positioning can be linked with the positioning of the surrounding parking lot, real-time location sharing, and the data location of the nearest empty parking space will be forwarded to the owner. , And display the parking price.

When a car owner arrives at a parking space, what is needed is a parking space guidance system. The parking space guidance system is a command system that needs to guide the vehicle to successfully transfer to the destination parking space. Generally speaking, it refers to the intelligent parking guidance system that guides vehicles into empty parking spaces in the parking lot, and the intelligent computer system detects the parking spaces.The vacant parking space information is indicated on the display screen, and the driver uses this information to construct a wonderful driving.

The second module is the parking space guidance system. The parking space guidance system is mainly used to effectively guide and manage the vehicles entering and exiting the parking lot. The system can realize convenient and fast parking for parkers, monitor parking spaces, make parking space management more standardized and orderly, and improve parking space utilization. The parking space observation in the parking lot uses ultrasonic detection technology to monitor the idle or unused parking spaces. Trustworthy detection is carried out in idle conditions. Install an ultrasonic detector above each parking space to observe that if there is no vehicle entering the parking space, the management system collects all the observation information in the system in real time, and the system feeds back the leading information to each leading command annunciator through the computer in real time.

At the same time, in order to make it easier for car owners to find a parking space when they return, they should also be equipped with an indoor navigation car-finding function. This is also the third system.

The main advantages of positioning in the indoor navigation car search are low power consumption, insensitivity to channel fading (such as multipath, non-line-of-sight channels), strong anti-interference ability, and no interference or penetration to other devices in the same environment. Strong permeability (it can be positioned in an environment penetrating a brick wall), and the indoor navigation car-finding software has

high positioning accuracy and positioning accuracy. Therefore, the number of people who choose indoor navigation and search software as commercial indoor navigation and search software is also the most. Therefore, the electronic sign software as the display platform of the parking space management system is developed in the parking space management system based on the display requirements of the parking electronic guidance system. The electronic sign software has a clear and concise display interface. The indoor positioning technology in the parking lot electronic guidance system has high positioning accuracy and positioning accuracy. It is suitable for indoor positioning and navigation applications in large shopping malls, indoor positioning and navigation applications in large parks, real-time positioning and navigation applications in parks, and real-time positioning and navigation applications in parking lots.

Relying on parking behavior as the entrance to information collection, smart parking can be connected to smart society, smart city, and smart life, and maximize the use of new technologies such as the Internet of Things, artificial intelligence, big data, blockchain technology, and cloud technology, and ultimately become people Interface and carrier of life and urban management.

Again, my users are very extensive, because the software is powerful, and they are roughly divided into three groups. The first type is people who often need to drive to areas with few parking spaces, and the second type is when they are ready to go back. People who are easy to get lost in the parking lot and cannot find their car. The third category is people who are not good at parking their car in the parking space.

The above is the product I hope to design.