

# Smart parking system



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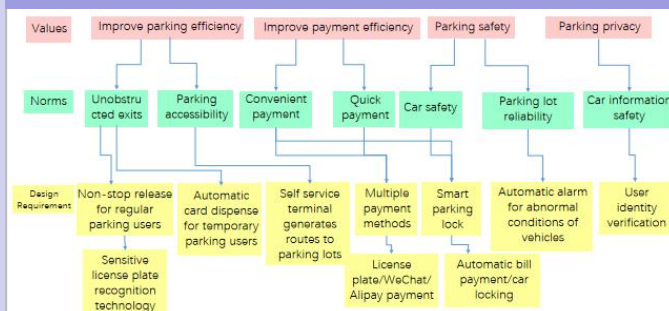
## INTRODUCTION

In China, lack of parking spaces is causing troubles for many citizens, and most of them are low-income or middle-income citizens. For high-income citizens, they can usually afford residential parking spaces. For other citizens, they have to park their cars in crowded parking lots with insufficient spaces. Citizens who cannot find a parking space often park their cars outdoors and the safety of the cars is not guaranteed.

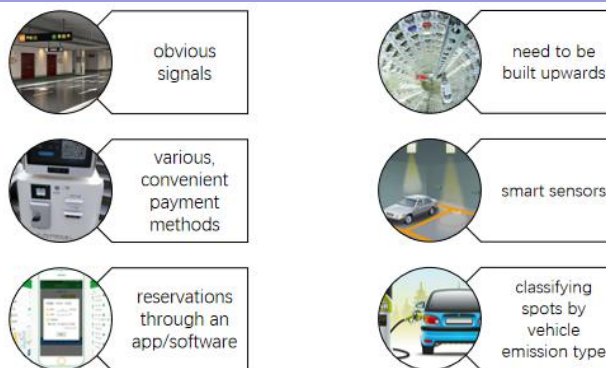


Intelligent parking system is designed to solve the parking problem of middle-income people.

## VALUE SENSITIVE DESIGN



## TECHNICAL FUNCTION DESIGN



- Obvious signs enable vehicles to find parking spaces quickly.
- Upward construction of parking lot can improve space utilization.
- Automatic toll collection system to avoid false charges.
- Smart sensors reflect vehicle status in real time to prevent accidents.

## SECURITY



In response to a possible fire, our smart parking lot has an automatic fire protection system.



A bright environment can reduce crime.



There are surveillance cameras at the entrance and exit of the parking lot, and the parking lot is also completely covered by the camera.



ensure that the mobile phone in our smart parking lot has a signal.

## PRIVACY



Smart parking brings convenience but also risks of data leakage. There should be a balance between privacy and convenience, just like the traditional balance between yin and yang in China.