**Feature development**

Bill management system provides people with efficient bill management and network payment, most of the billing system only water grid some basic bills. We find that now is the Internet era, taxi and takeout are popular among people, we might be able to make payments for such services monthly, just like utilities. Because of the great demand for taxis, it is troublesome for people to pay each time we will take this idea to expand the lifestyle that young people like, so that the system is not only the system of parents. The ultimate goal of this system is to manage all the bills people need to pay, including some common bills and some uncommon bills.

**Problem analysis**

Bill management systems have been around since 2008, when people had to travel a lot place because of the lack of Internet access and distrust of the Internet. But now people increasingly trust and even rely on web services. Because our system was born relatively late, it was difficult to gain people's trust. Therefore, our system needs to be simple and convenient. It is best to start with young people and create a fashionable bill management system. The next question is system availability, we can cluster the system and then use Nginx to load balance the cluster of back-end servers, thus avoiding single points of failure and ensuring high availability of the system. The last one is security, the data and user information stored in the system are the most important. Add the IP addresses with high attack frequency to the blacklist and Encrypt the data.

**User stories**

“I've used a few other bill payment systems on the market, but they all have some problems. Some systems have too many functions, and by that I mean not just fees, but reservations, takeout, loans. I think it's bad. The bill management system is a simple and efficient system, I don't need that many functions, just pay the bill is enough. The interesting place is that unlike most app products, the content of Jiugongge is fixed content. Bill management system can be flexibly added and deleted, so that you can choose your favorite or commonly used applications to put on the home page. Of course, when you do not operate, it will be displayed according to the data analysis of users' daily clicks on the application.”