***User Stories***

User Story 1:

Hannah is an office worker who suffers from traffic congestion on the main road every day on the way to work. She believes that during peak times, the flashing time of traffic lights at intersections can be optimized, and the road conditions at different times can be optimized differently. So, we need to analyze the time of different time and different number of vehicles passing through the road section.

User Story 2:

John is a newly appointed traffic cop. But the new broom lacks experience, and he wants a traffic simulator to simulate local traffic to help him get familiar with his job.

User Story 3:

Carla is an office worker who has just moved to the local area. There will be basically no big changes in the daily work location and some daily schedules. She hopes that there will be some optimizations that can learn from her daily schedule to ensure that she will not lose the custom city All changes.

User Story 4:

Jane is preparing for his driving test. He wanted a traffic simulator to simulate the driving mode of different road sections to help him complete the test.

User Story 5:

Pamela is a new resident who has just moved to this area. He has his own car, but he is not familiar with the local traffic, so he hopes to have a traffic simulator to help him become familiar with the local traffic department.

***Developer User Stories***

Developer User Story1

At different intersections, the flashing time is set according to the flow of vehicles. There are three main situations: 1: During the peak period of the up and down train flow, the signal light cycle should be as long as possible to allow vehicles to pass. 2: During the off-peak period, the signal light cycle needs to be shortened, that is, the switching frequency of traffic lights is increased, and the waiting time for red lights is reduced. 3: When the traffic volume is low, for example, at midnight, you can turn off the traffic lights at this time, and only flash the yellow light to activate the warning function.

Developer User Story2

Real-time monitoring of traffic congestion on road sections, allowing users to understand real-time road conditions to implement the next trip, and marking abnormal road sections, allowing users to analyze and record the places they have searched and the places they have recently arrived, if it is turned on Positioning service users show several places that the system thinks they will go to this time, saving time spent searching.