# **User Stories**

User Story 1

As for the user, I want to develop the simulator customization so I can edit the car, road and length for that. Priority is high and estimate day is 3 days. For the testing, develop the new city map, add some streets, and run the simulation.

User Story 2

As for the user, I want to keep my developed city to use again later so that I make sure not to disappear all of changes for my customized city. Priority is Medium and Estimate time is 2 days. For the testing, after changing the city, press the save button to save the city with name.

User Story 3

As for the user, I want to reload previous developed city to load simulation so that I can play simulation again with different situation like vehicles and rates.

Priority is Low and estimate time is 1 days. Testing is press open button to access the saved city from database.

## **Developer User Stories**

Developer User story 1

As developer can add to change the light and traffic for the user. There are bus and motorbike for this car simulator. Priority is High and Estimate time is 3 days. For the testing, abstract the vehicles class and call some methods to move the cars.

Developer User Story 2

Developers can also stop the cars traffic to avoid collision with front of car, there will be no error at all. Priority is Low and Estimate time is 2 days. As for the testing: get the gab distance from the front of vehicles and call some methods from vehicles.

Developer User story 3

Developer make the program to save all the data that cannot occur data missing to customers. Priority is High and Estimate time is 3 days. For the testing, save all data as a file at main method and load the data to view the map again.

# **UML Diagram**

A close up of text on a white surface

Description automatically generated

# **GitHub**