

Traffic Management System 3.0



django



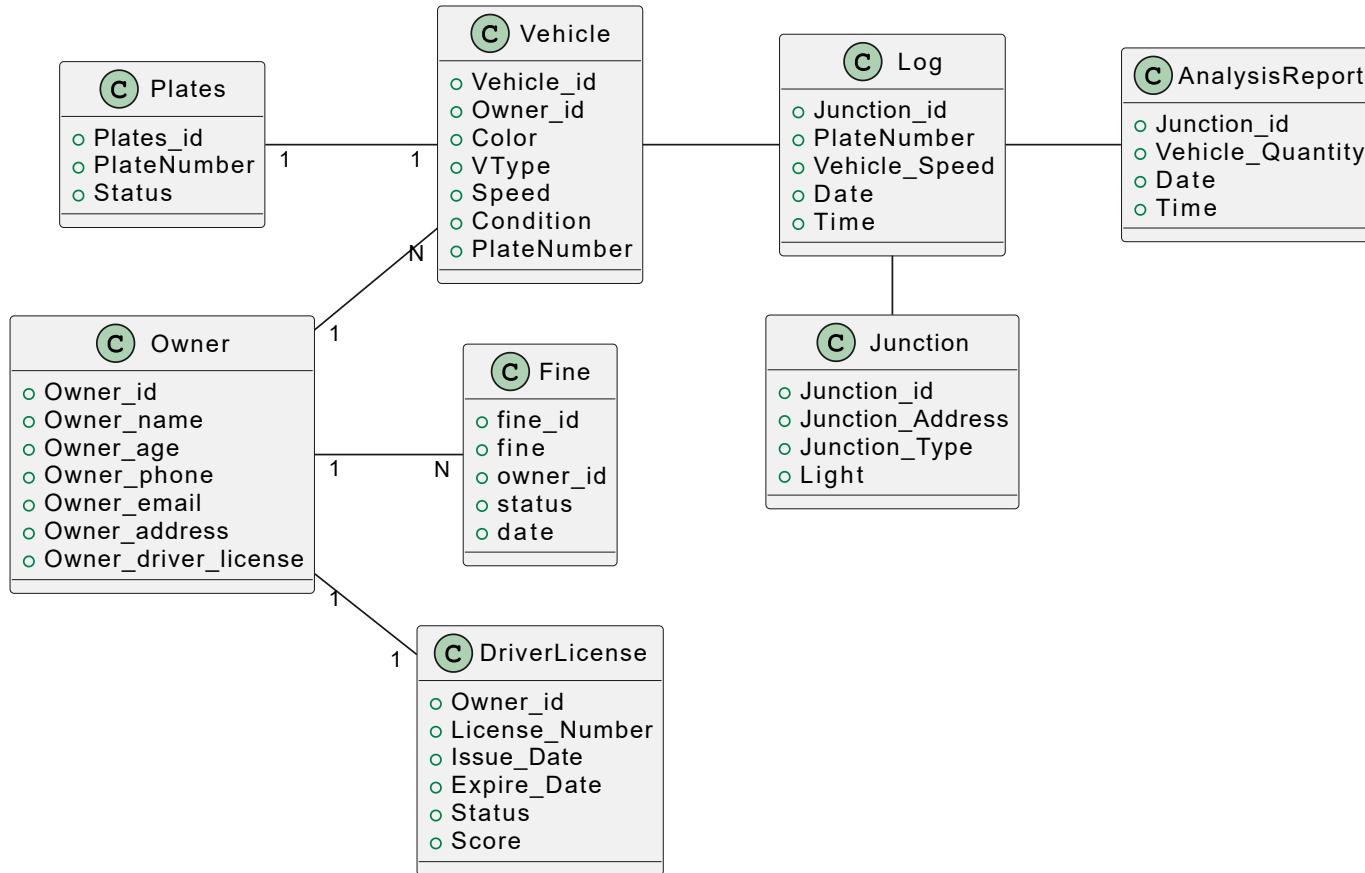
HONGTAO AND VINCENT →

13/02/2024

Tasks

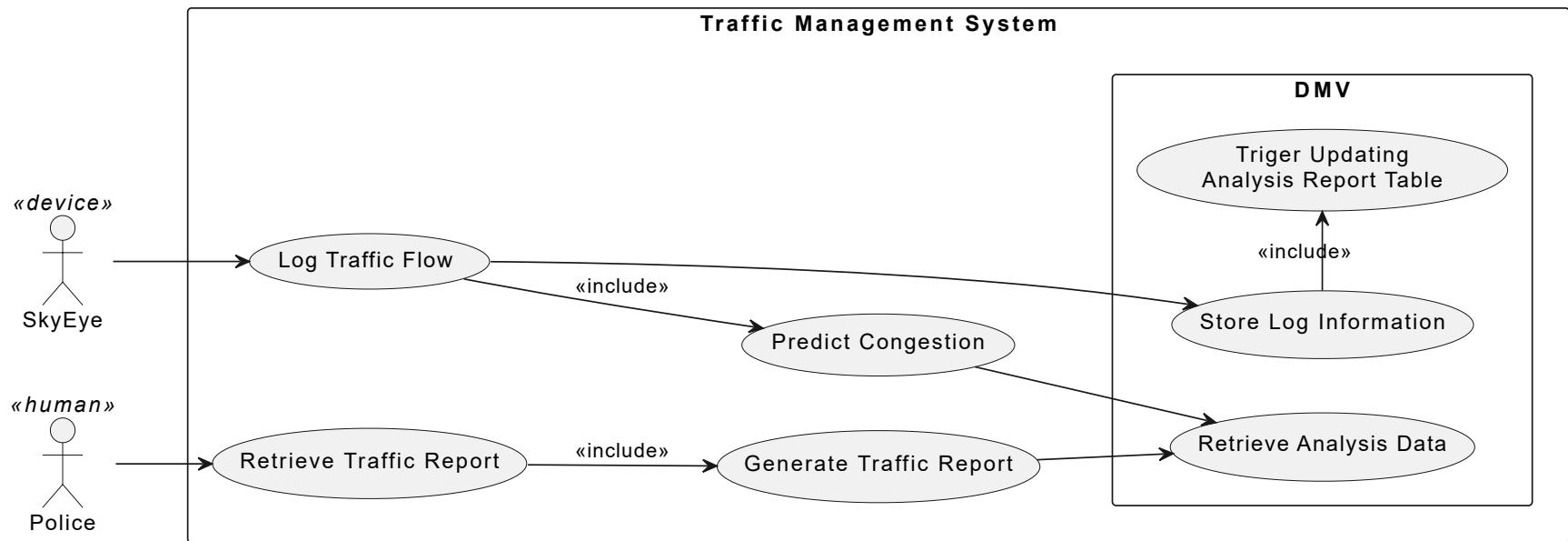
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- I Implement Traffic Data Analysis Procedure
 - II Generate and Retrieve Traffic Report
 - III Detect Congestion
 - IV Email Drivers and Suggest Alternative routes
-

Class Diagram



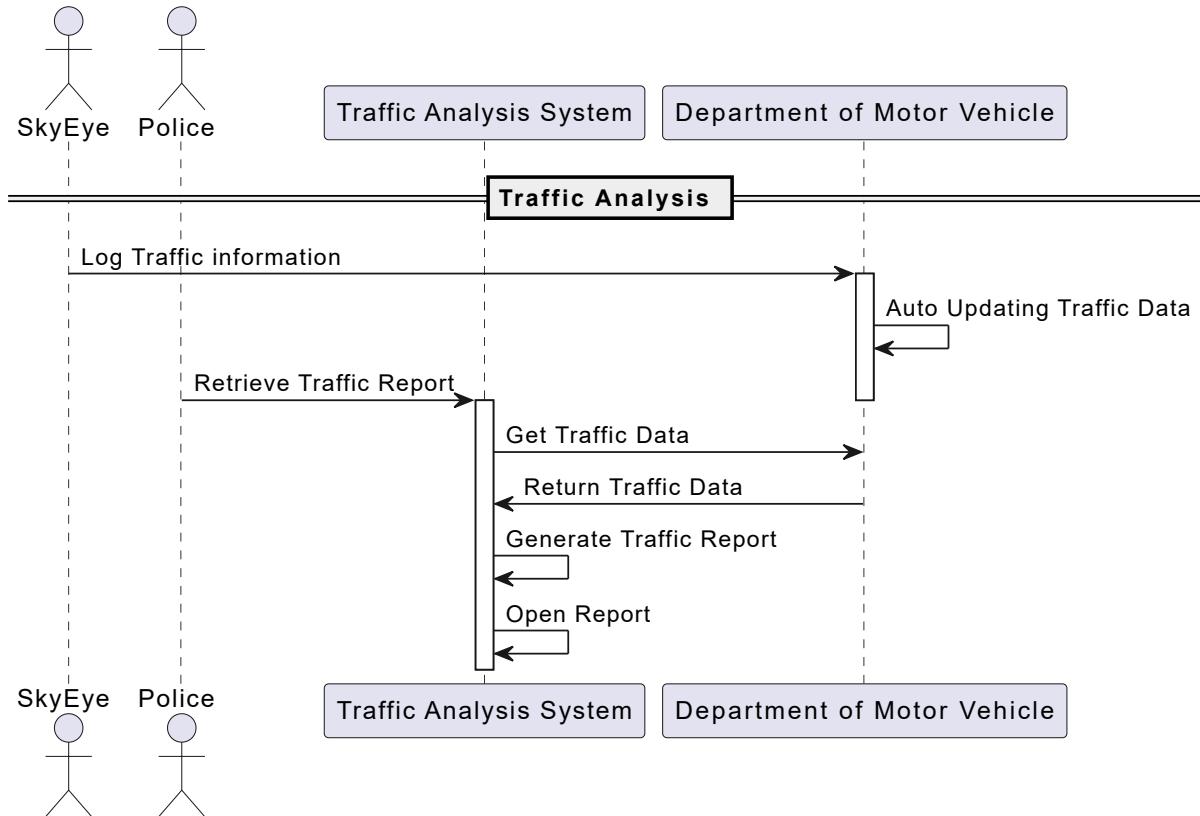
Part I Traffic Analysis Report

Usecase Diagram



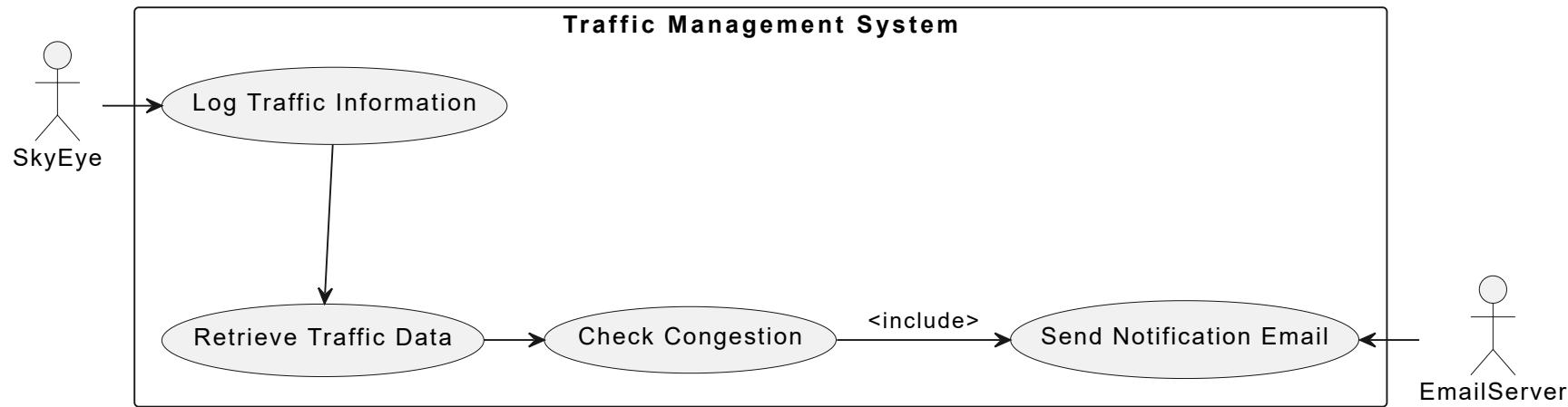
Traffic Analysis Report

Sequence Diagram



Part II Detect Congestion and Notify Drivers

Usecase Diagram

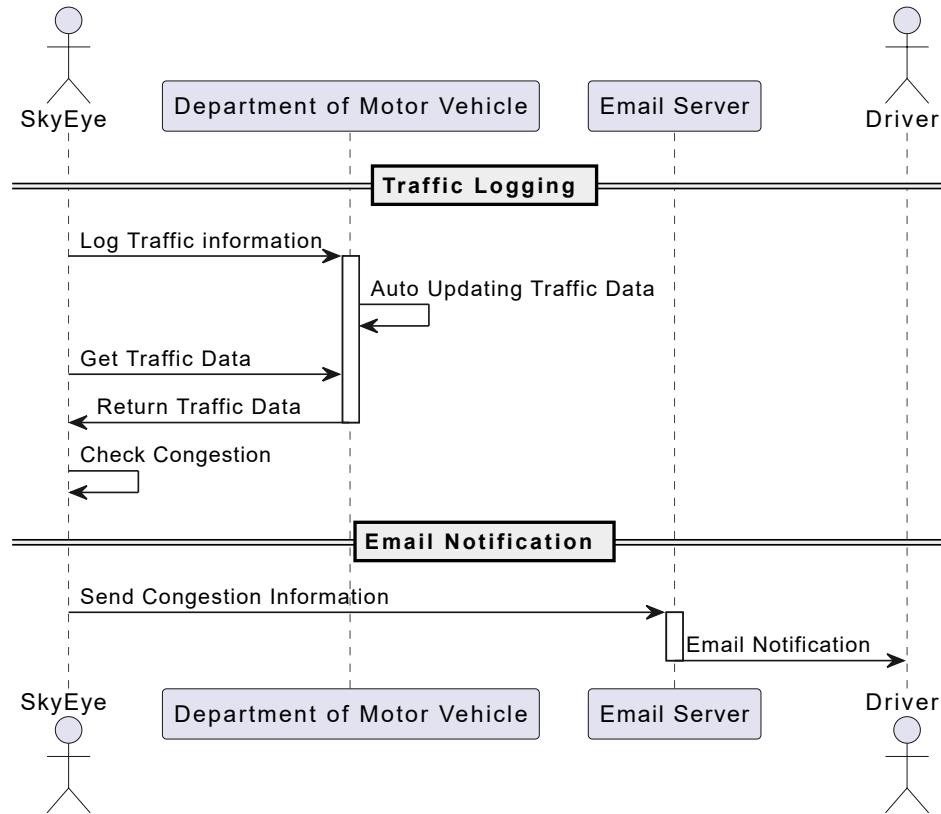


Congestion Condition:

In 10 minutes period, Quantity of vehicles passed a specific Junction reaches 30 !

Detect Congestion and Notify Drivers

Sequence Diagram



Thank you for watching

GitHub