

Traffic Management System 4.0



django



HONGTAO AND VINCENT →

20/02/2024



Tasks

I

Implement A MAP

II

Detect Emergency Vehicles And Provide instructions

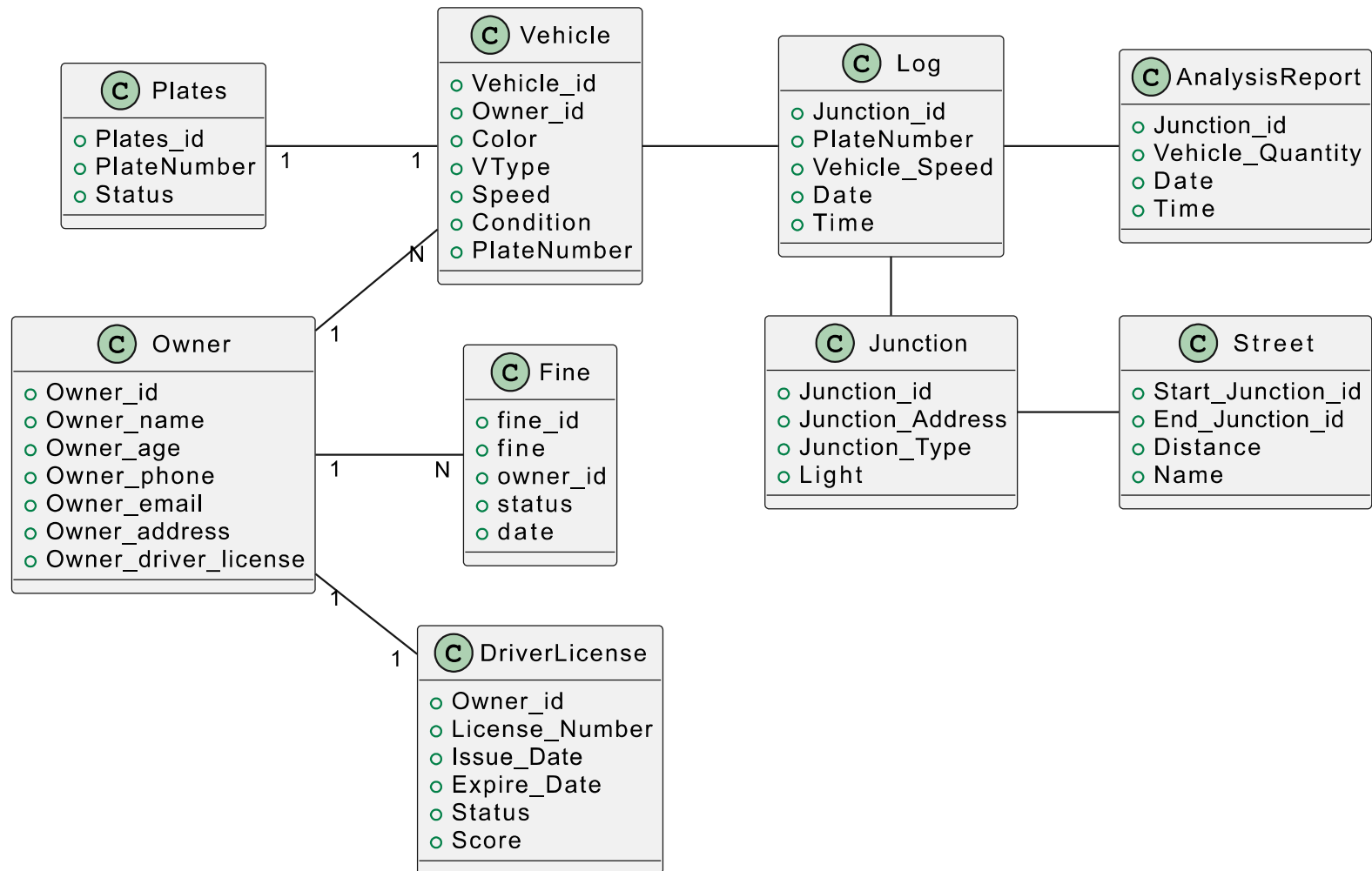
III

Calculate Shortest Path And Avoid Congestion

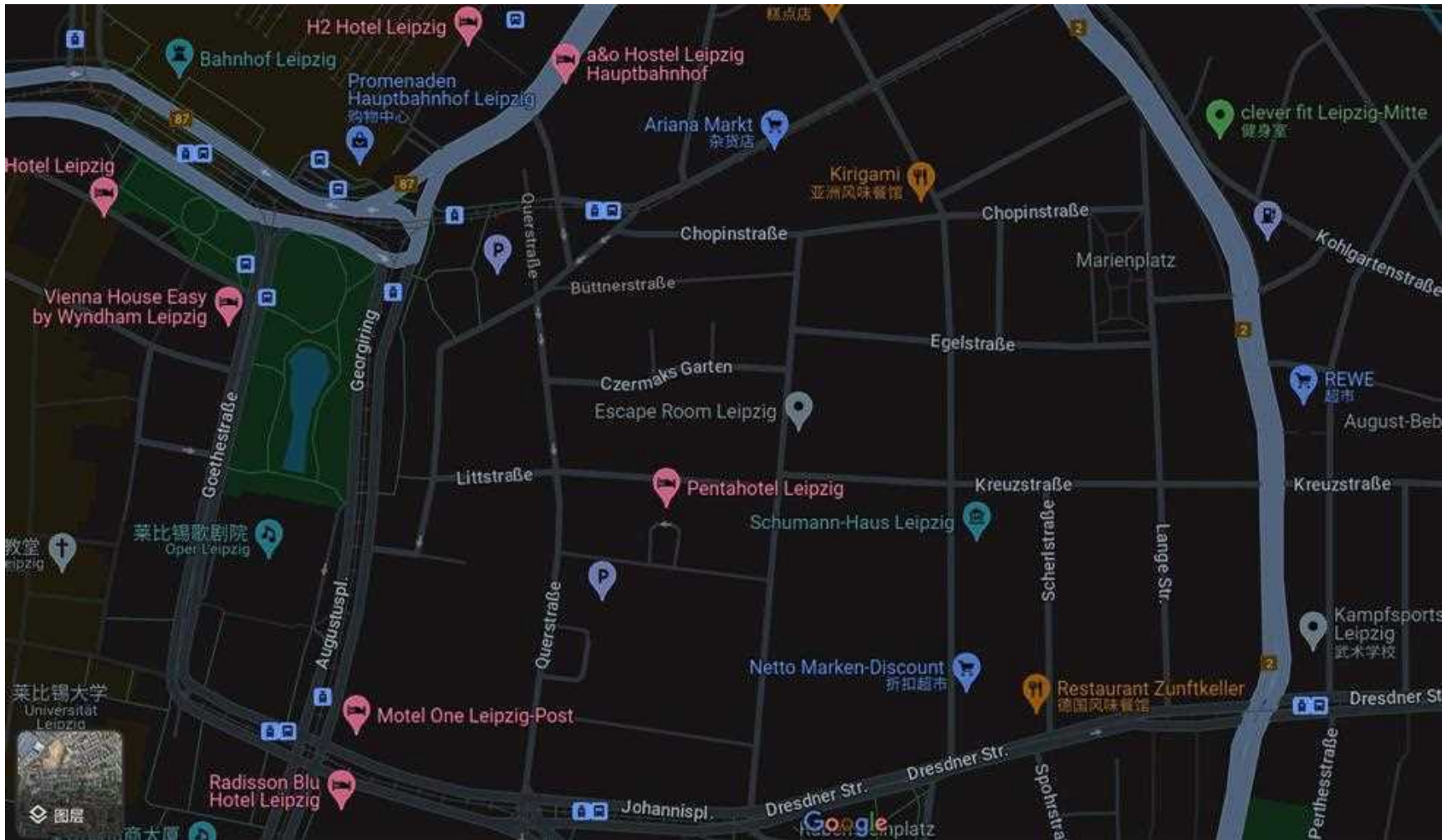
IV

Email Drivers Ahead To Clear The Streets

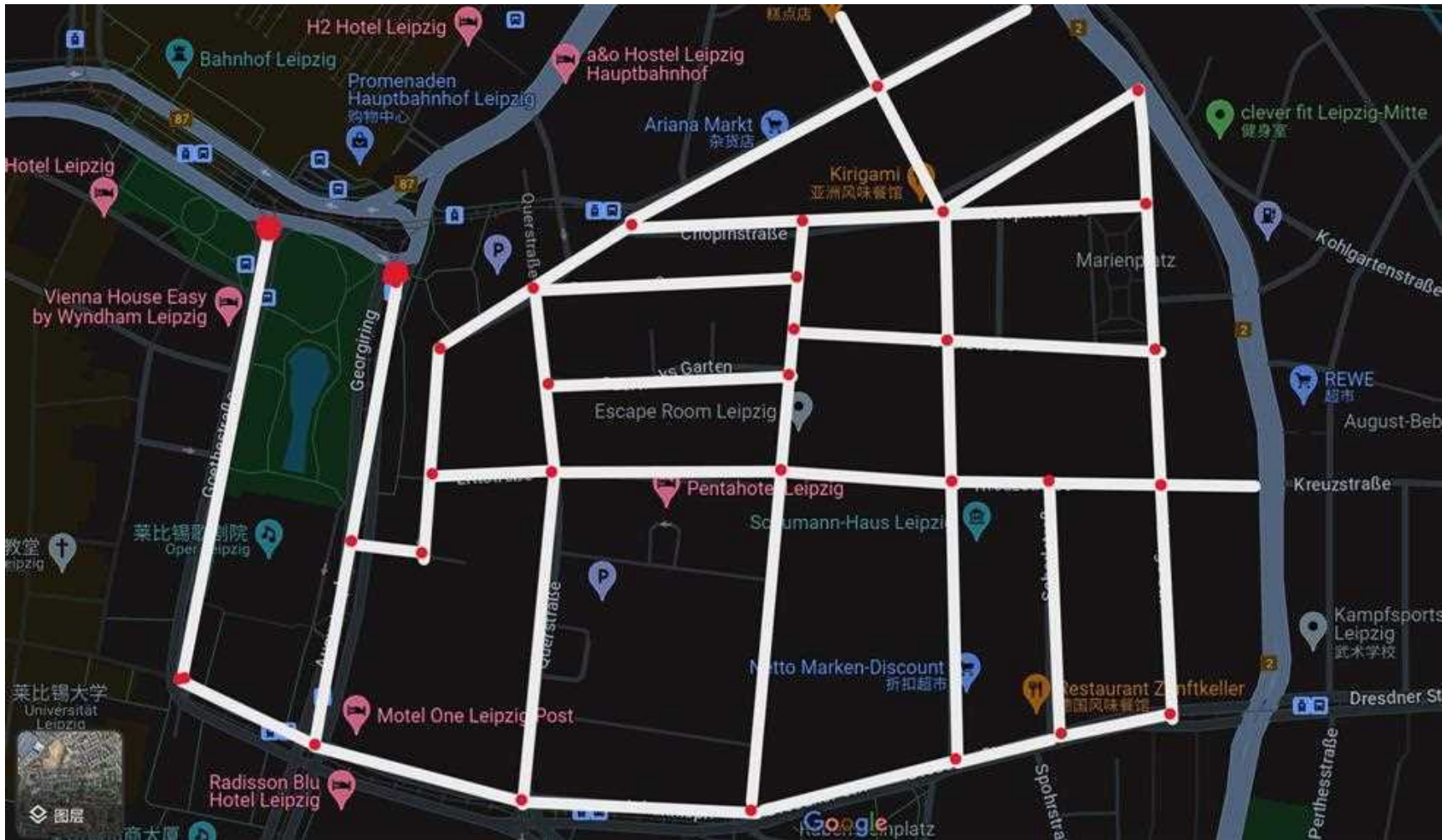
Class Diagram



Part I THE MAP



Part I THE MAP

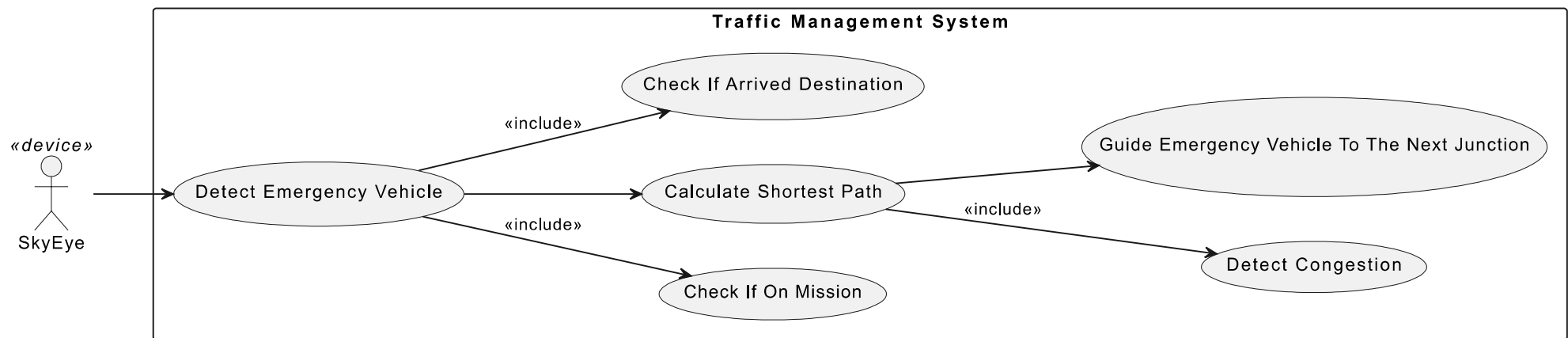


Part I THE MAP



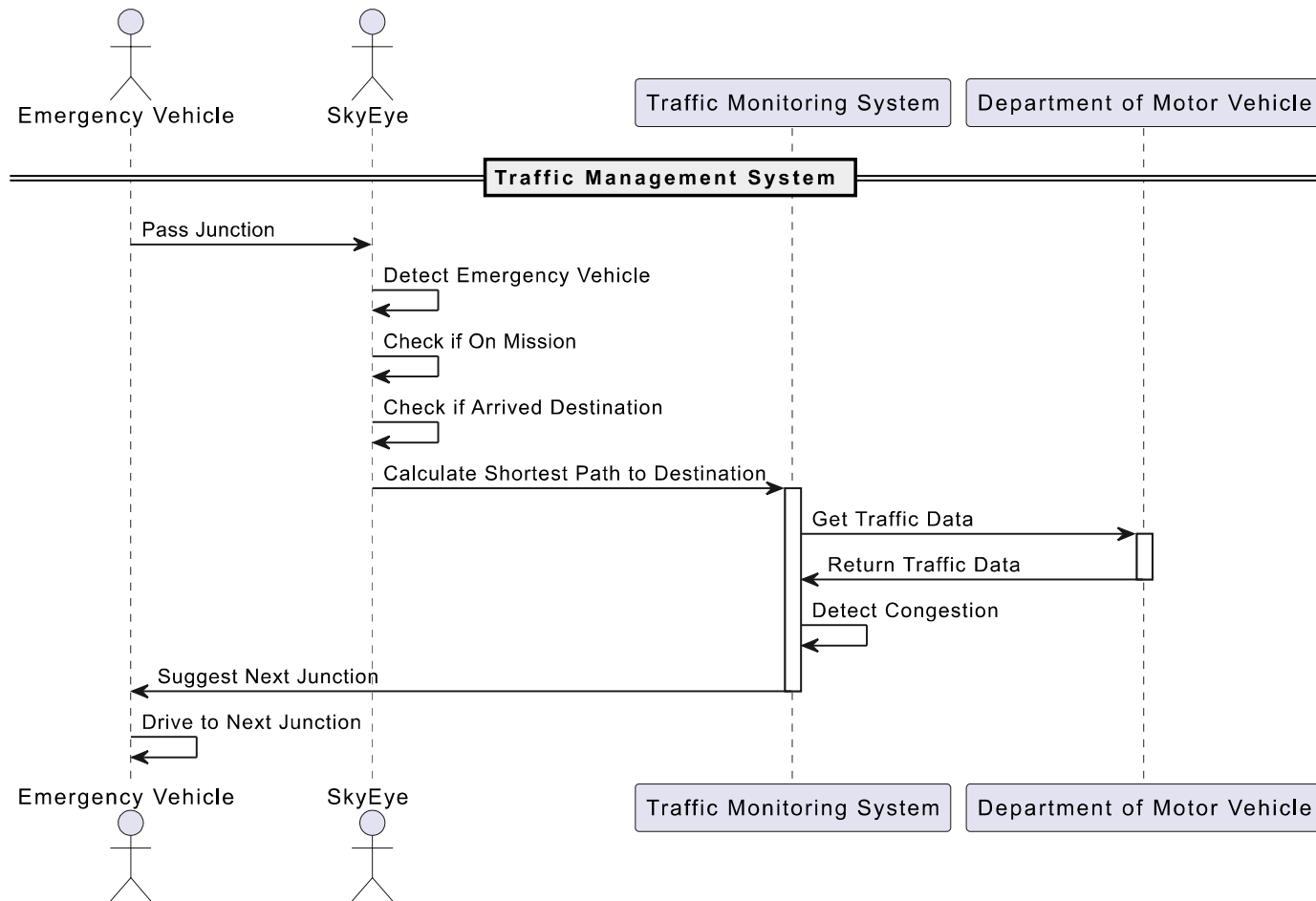
Part II Detect Emergency Vehicle & Guide

Usecase Diagram



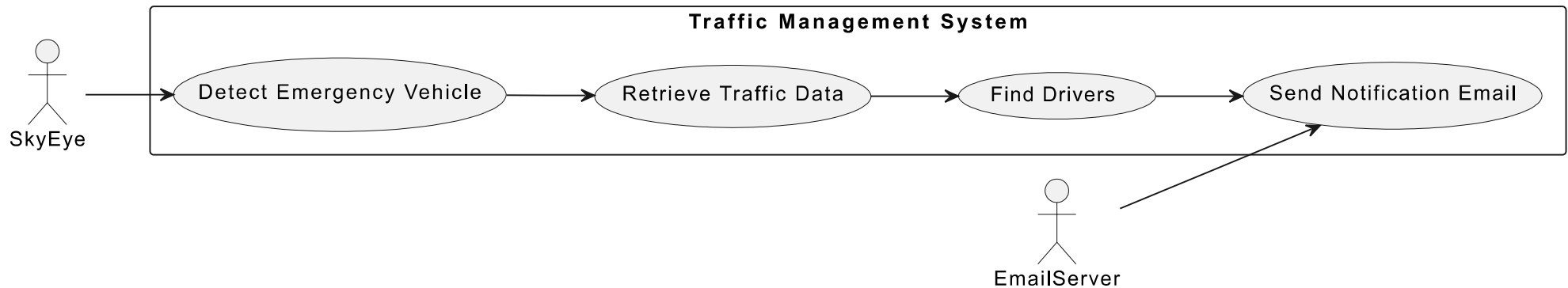
Part II Detect Emergency Vehicle & Guide

Sequence Diagram



Part III Notify Drivers To Clear the Way

Usecase Diagram

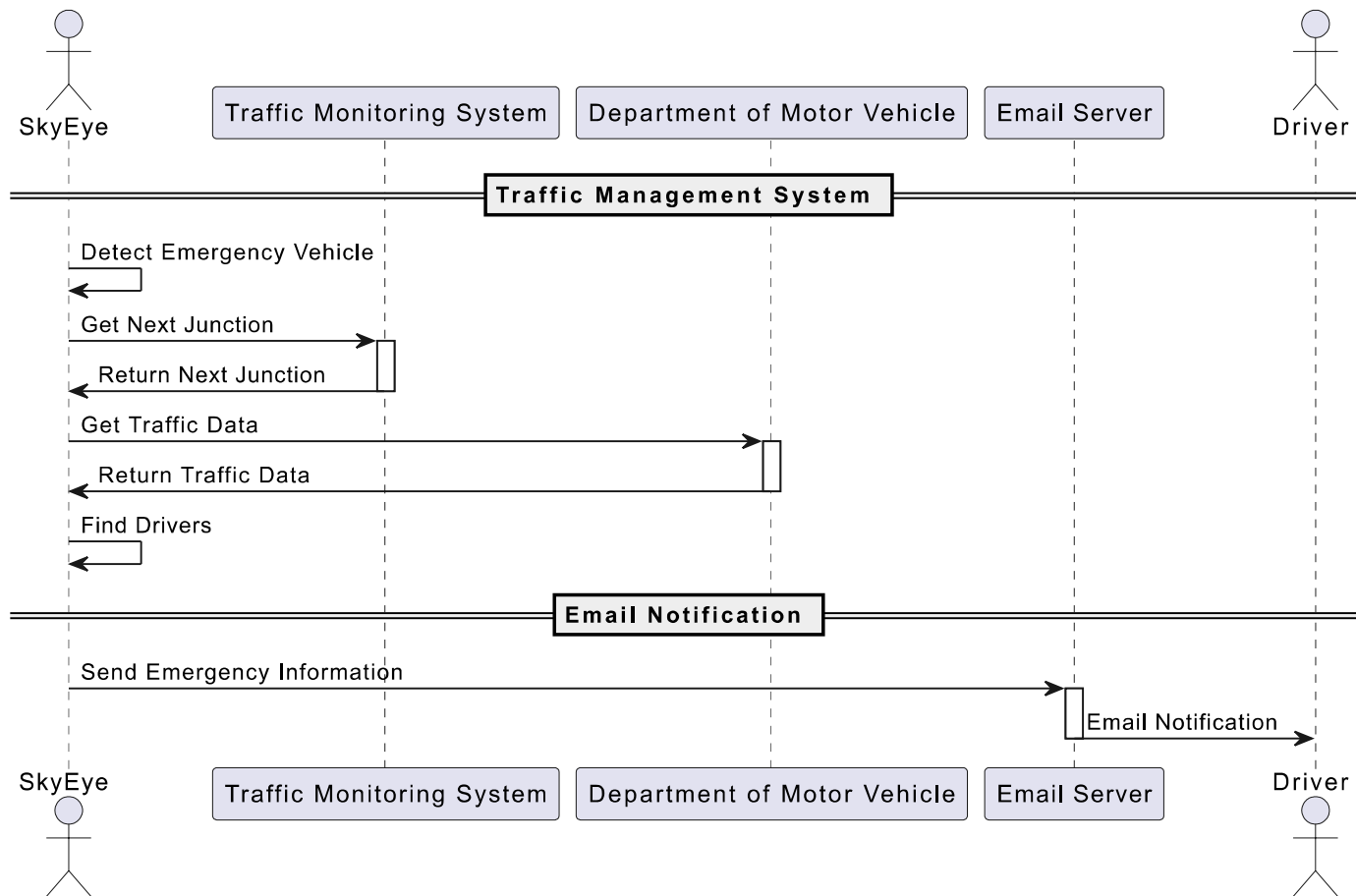


Notification Range:

Drivers who passed current junction and next junction on the path of emergency vehicle within one minute.

Part III Notify Drivers To Clear the Way

Sequence Diagram



Thank you for watching

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