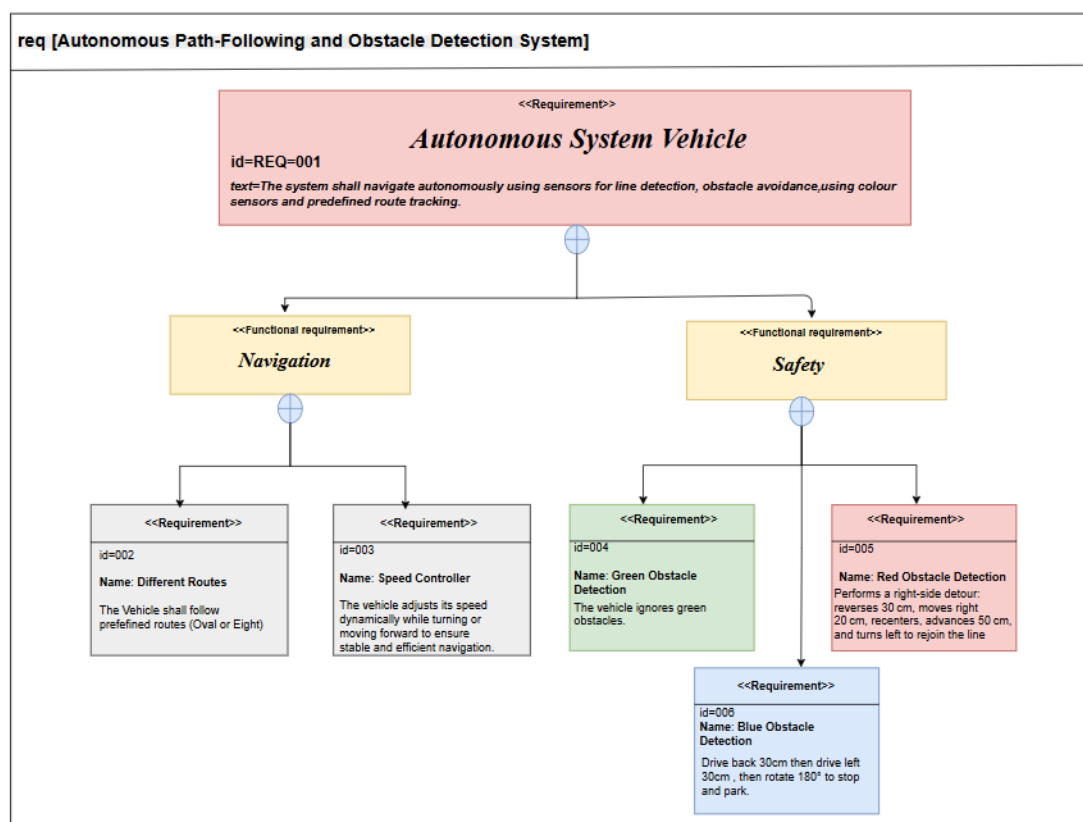


# Prototyping and System Engineering

## SysML

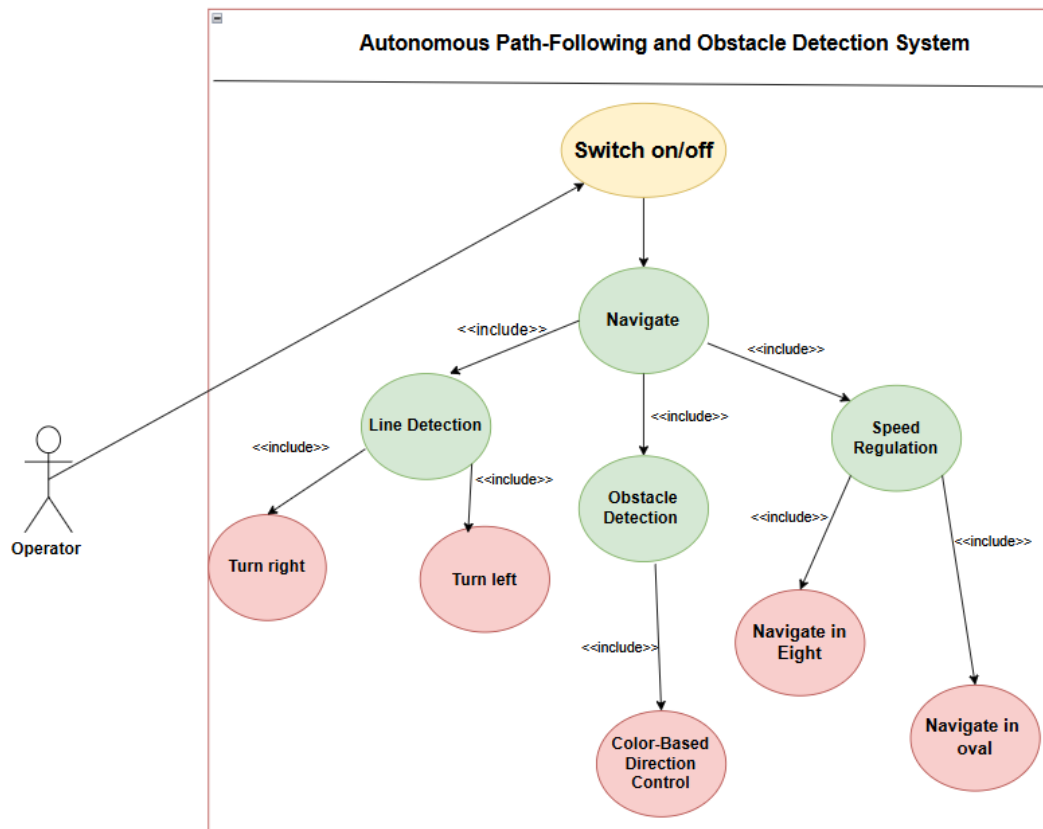
Group C1: Mohamed Abdo, Md Ruhul, Md Rahman, Muhammad Aamir

Requirement: Autonomous Path-Following and Obstacle Detection System

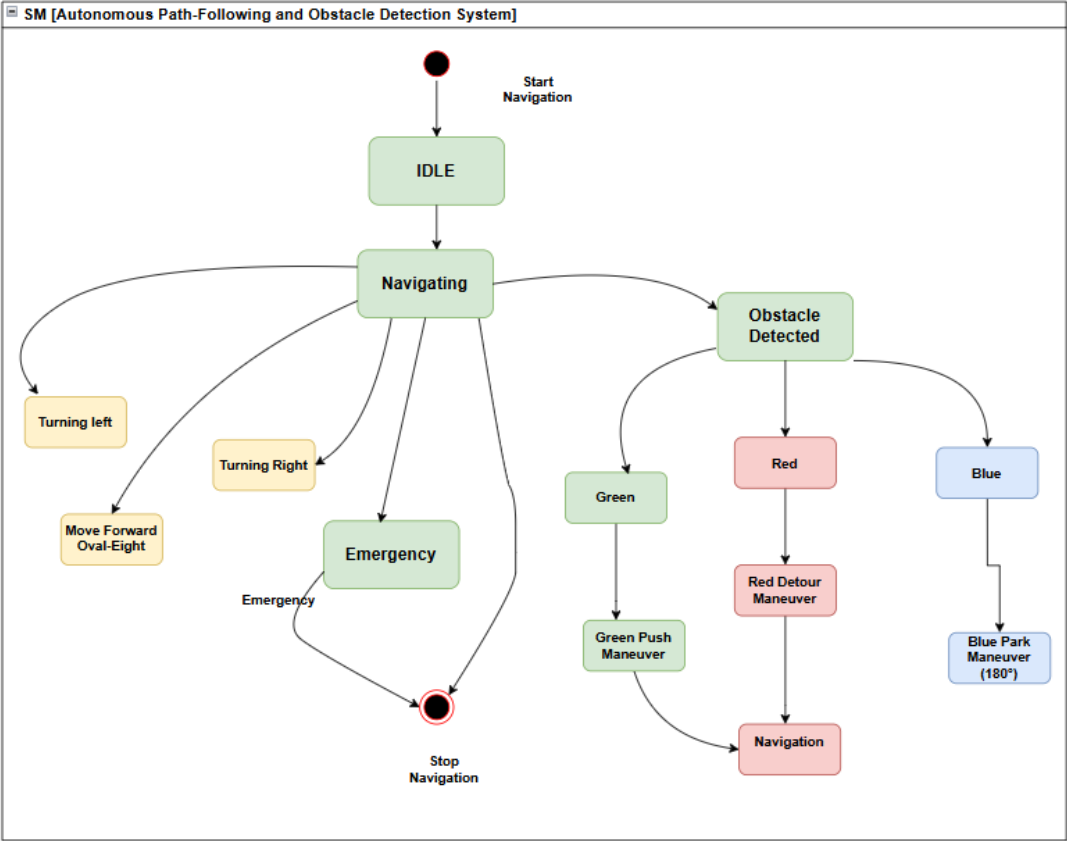


## Behaviour Diagrams:

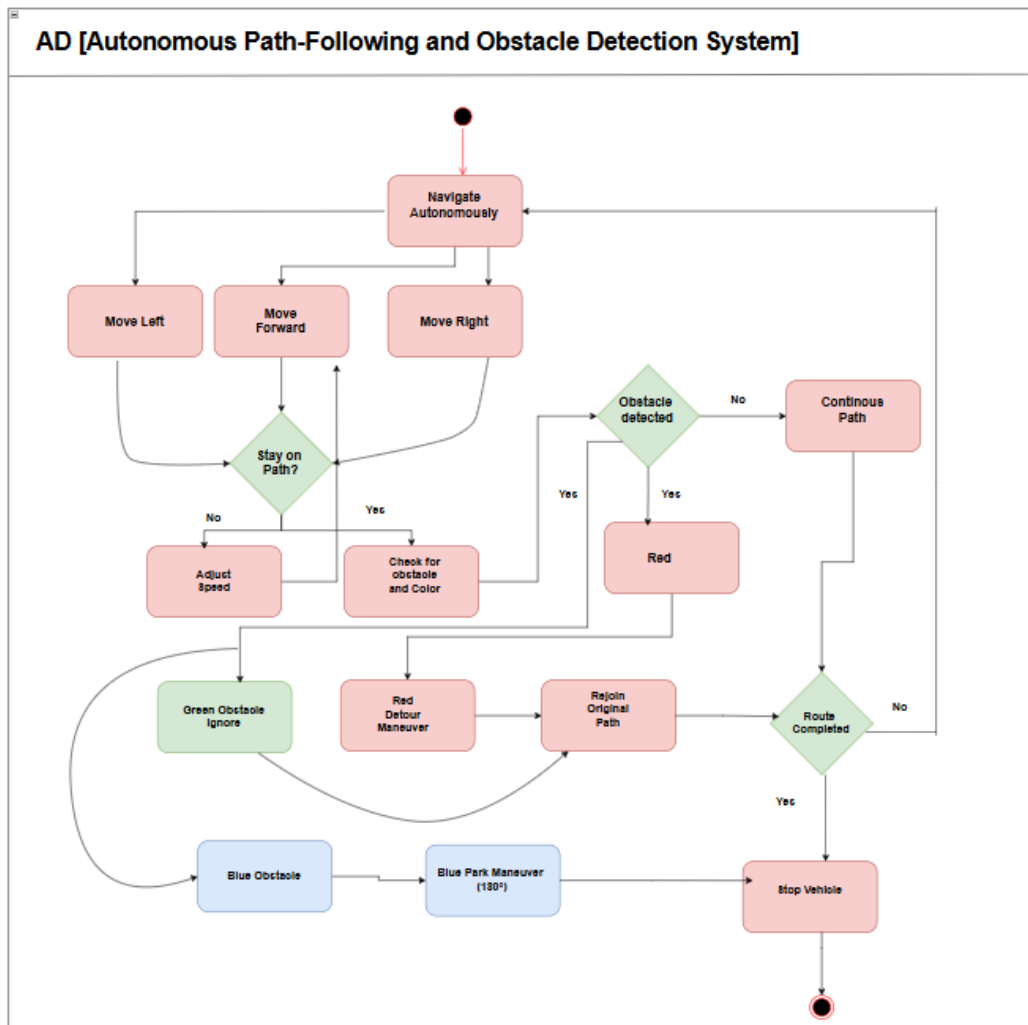
### Use Case:



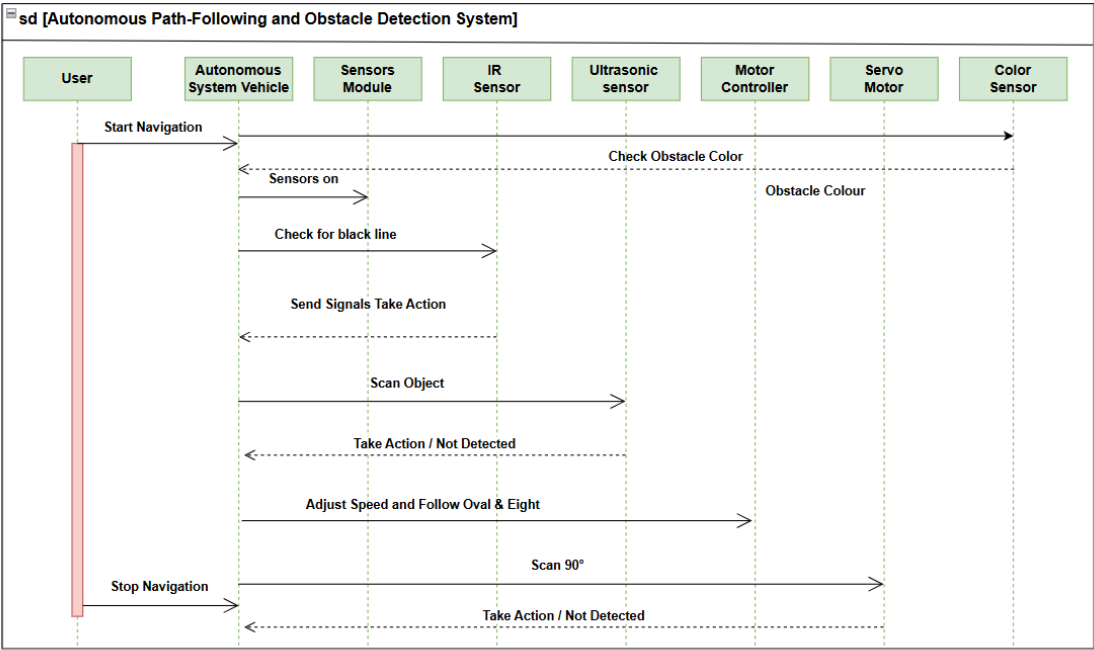
State Machine:



## Activity Diagram:

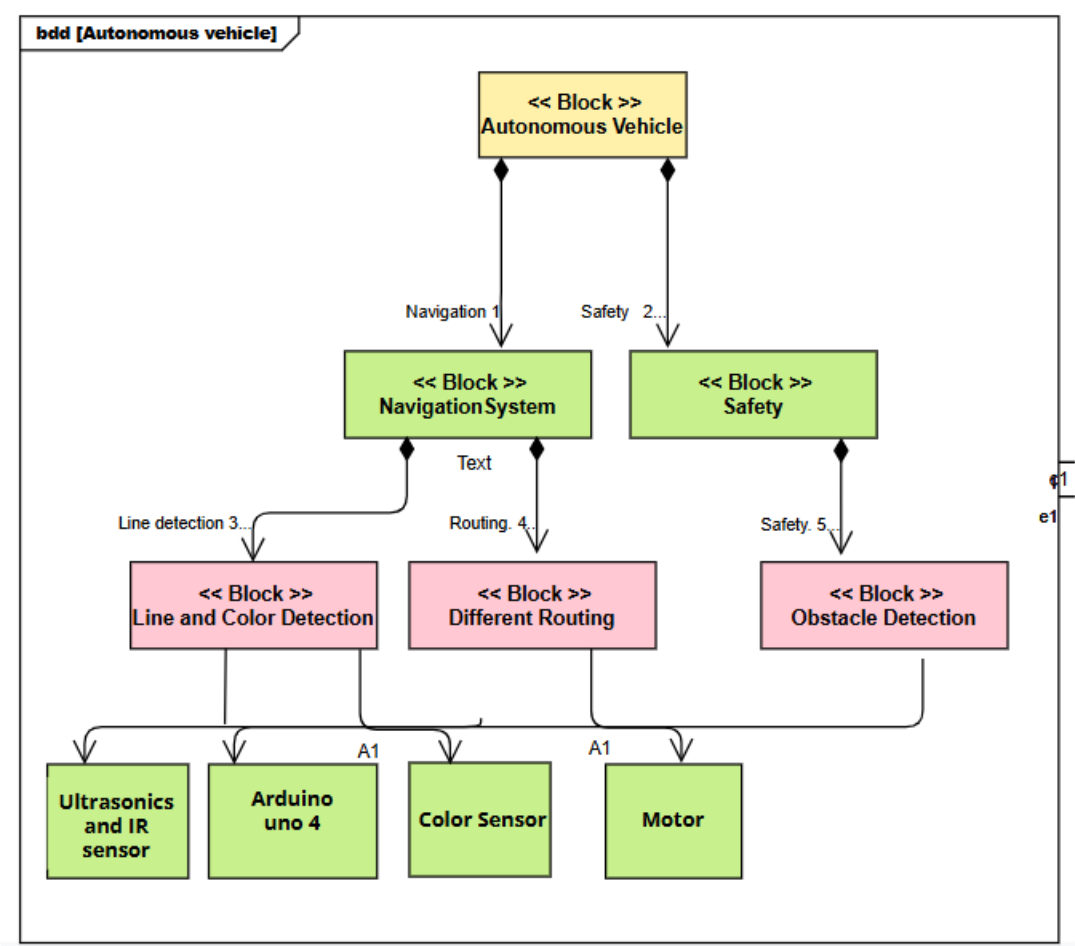


Sequence Diagram:



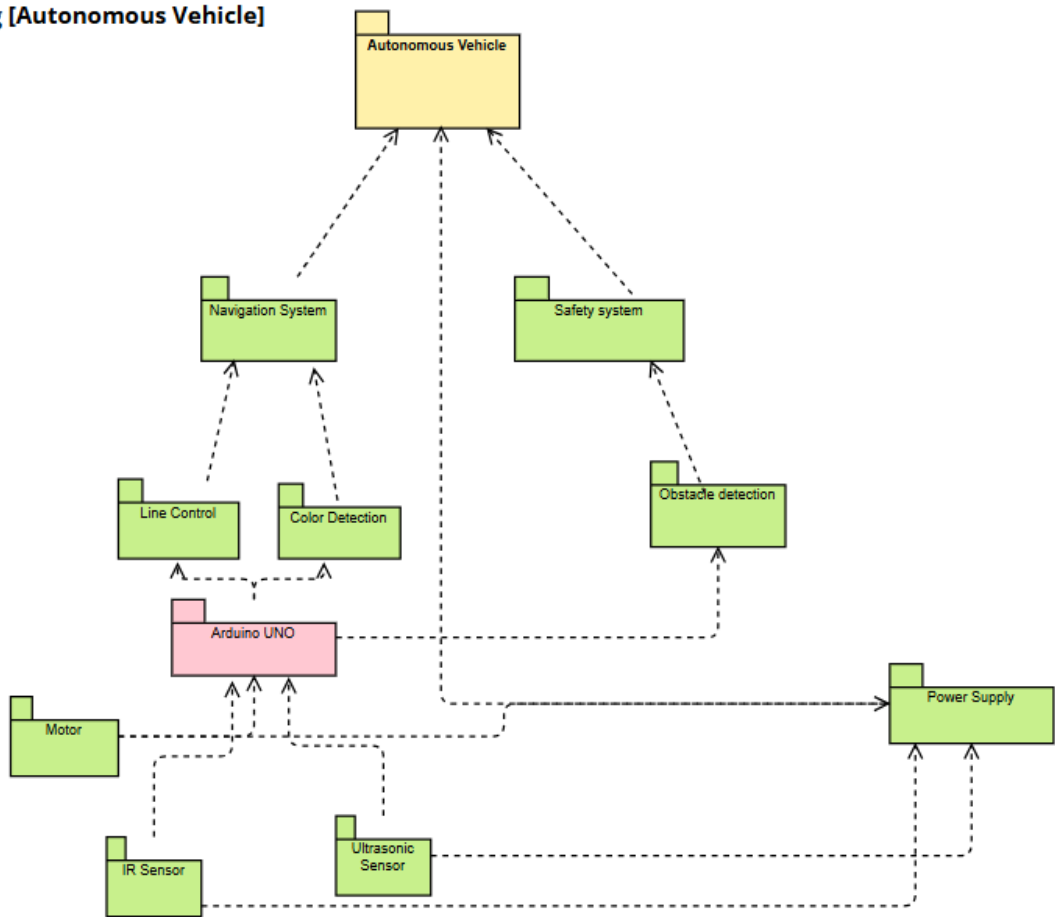
Structure Diagram:

Block definition Diagram

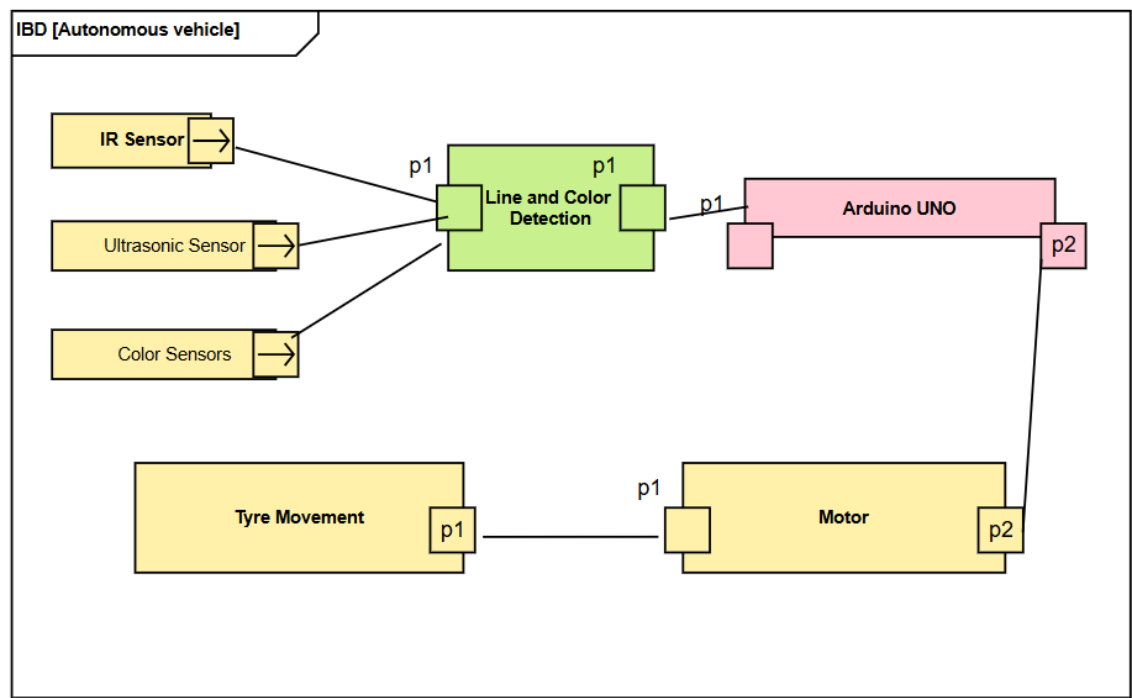


Package Diagram:

Pkg [Autonomous Vehicle]



Internal Body Diagram:





Parametric Diagram:

