**System Actors:**

Leader vehicle

Follower Vehicle

Pilot

Remote controlling device

Obstruction object Sensor

Follower Vehicle Line of Sight Sensor

**Domain Terminology:**

Leader Vehicle- The robot that the pilot is directly controlling with the Remote Controlling Device

Follower Vehicle- The robot(s) that autonomously follow the Lead Vehicle.

Pilot- The individual who utilizes the Remote Controlling Device to navigate the Lead Vehicle.

Remote Controlling Device: The tool used to input commands to the Lead Vehicle.

Obstruction Object: Any object that hinders the path of a Follower Vehicle.

Obstruction Object Sensor: The sensor that detects the presence of an Obstruction Object

Line of Sight: The state when a Follower Vehicle directly views the Leader Vehicle.

Follower Vehicle Line of Sight Sensor: The device attached to the Follower Vehicle that maintains and updates if Line of Sight is broken from the Lead Vehicle.

Navigational Log: The data the Lead Vehicle and Follower record to determine relative position.

Home Location: A specified position where any vehicle will be automatically be able to travel.