# Self-Driving Car Engineer – Capstone Project

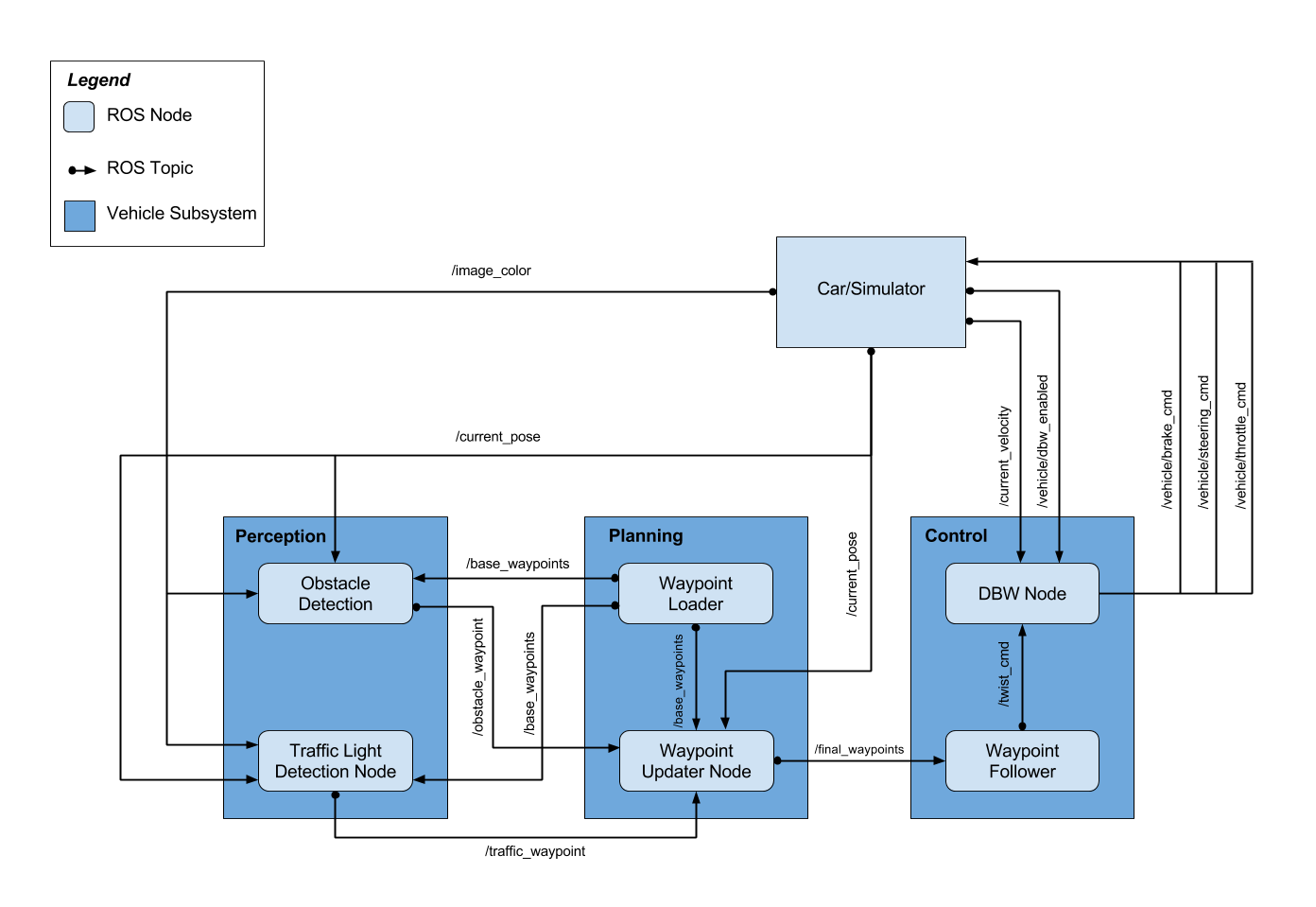
1. **Introduction**

In this project, we developed software to drive Carla, the Udacity autonomous car. The autonomous car is in essence a robot. The project's goal is to provide the robotic vehicle with the ability to plan a route and drive the course. During the drive, the car will drive smoothly while detecting traffic lights, react accordingly and drive within the lanes.

1. **Team Members**

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1. **System Architecture Diagram**



1. **Required code implementations**

We have implemented our code in the following files:

1. /CarND-Capstone/ros/src/waypoint\_updater/waypoint\_updater.py
2. /CarND-Capstone/ros/src/ twist\_controller/dbw\_node.py
3. /CarND-Capstone/ros/src/ twist\_controller/twist\_controller.py
4. /CarND-Capstone/ros/src/tl\_detector/tl\_detector.py
5. /CarND-Capstone/ros/src/tl\_detector/light\_classification/tl\_classifier.py
6. **Projects Rubrics**

Did the car navigate the track successfully? Yes.