**Weekly Project Status Report**

**Reporting Period From: 25th March To: 28th March**

**Student Name: Eric Butler**

**Project Status: On Schedule/Behind Schedule/Ahead of Schedule** (delete as appropriate)

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| **Ids of Tasks Completed Last Week** |  |
| **Tasks in Progress this Week** | Started writing document. Project 2 introduction completed as well as system architecture write up is in progress.  Started redoing my lane boundaries as well as determining closest lane Id based on position of vehicle relative to the position of the lane (using RSU as reference point)  Should I get these up and running, my core functionality of project idea will be complete, will return to adding traffic light for complexity as well as make a more in depth panel. |
| **New Issues arising this week** | 2 in depth methods made for definingLaneBounderies() as well as setLaneId() but having issues where when the car meets the RSU, it doesn’t determine that it is in the lane. Using debugs I’m getting my else statement being printed (“Car is out of all bounderies”). Possibly a logic or steering wheel message issue.  Importing <math.h> is causing crashes so had to hard code getting square root as well as power options |
| **Update on Issues Raised Last Week.** | As mentioned above I moved away from my approach from last week and started developing new methods, these seem to be working better although will need to sort out issues possible |