

CprE/SE 491 Weekly Report 5

Date: 2/21/2017 - 2/22/2017

Dec1709 - ALVINN

Autonomous Vehicle Mission Processor with Machine Learning

Team Leaders: Bijan Choobineh
Darren Davis
Advisors: Dr. Jones & Dr. Zambreno

Communicator: Tracy La Van
Client: Josh Bertram - Rockwell Collins

Key Concept Holders: Jesse Luedtke
David Schott
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Weekly Summary:

The group put together a PowerPoint presentation/pitch for our ultimate 492 demo and presented it to our advisors. From this PowerPoint, our advisors will help us scale down our vision so we can begin to start making progress on setting up our work environment and narrow the focus on our technology/field education.

Past Week Accomplishments:

- **As a Group:** Worked together on the PowerPoint and the Project Plan. Continued education.
- **Robert Stemig:** Received access to Wiki.

Pending Issues:

- **As a Group:** N/A

Plan for Coming Week:

- **As a Group:** Next PowerPoint presentation will be developed for advisors on the structure of our project. Continue education.

Individual contributions:

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours This Week</u>	<u>Cumulative Hours</u>
Bijan C.	Team meeting, Education, PowerPoint, Project Plan	3.0	26.5
Darren D.	Team meeting, Education, PowerPoint, Project Plan	3.0	29.0
Tracy L.	Team meeting, Education, PowerPoint, Project Plan	3.0	21.5
Jesse L.	Team meeting, Education, PowerPoint, Project Plan	3.0	25.0
David S.	Team meeting, Education, PowerPoint, Project Plan	3.0	14.0

Robert S.	Team meeting, Education, PowerPoint, Project Plan	3.0	22.0
Totals:		18.0	138.0

Summary of Weekly Team Meeting (2/21/2017):

- Present: Bijan Choobineh, Darren Davis, Tracy La Van, Jesse Luedtke, David Schott, Robert Stemig
- TODO:
 - Look over features document to see the top-rated, realistic features our group is leaning towards (maybe top 3?)
 - Also consider: adding confidence level in detecting objects
 - Communicating back to control (& screen sketches) for things like course correction, detected objects, etc.
 - Once the features have been decided, they need to be documented in the powerpoint and in the project plan
 - The features we have always known (detecting objects on ground/in sky) have not changed and those topics can be put on the Project Plan and ppt immediately.
 - PowerPoint is “due” Thursday at 2pm
 - [Link](#)
 - Project Plan is due Friday (with Saturday wiggle room)
 - [Link](#)
 - Read links/documents/etc. that Dr. Jones sent out this week