CS491 – Autonomous Vehicle Design

Engineering Notes No. 9.2

INFORMATION

NAME: Serena Conticello

DATE: 02/12/25 - 02/18/25

Sprint: 9

JIRA BACKLOG

Responsible for:

- Plan out AI and neuroevolution scope of project

Contributed to:

- Determine Final Requirements for End of Semester
- Work on detailed breakdown of test cases

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RESOURCES & DOCUMENTS CONTRIBUTED TO

Table 1 - Contributions

Date	Resource/Document	Location	Contribution Description
n/a	Engineering Notes	GitHub	n/a
Sprint 9	NE Plan	OneDrive	Plan for NE implementation

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COMPONENTS TESTED

Table 2 - Testing

Date Tested	Component	Result	Comments
02/13/25	PolyVerif	Broken	PolyVerif is currently broken again

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PROBLEMS SOLVED

Table 3 - Solutions

Date	Problem	Solution & Notes
n/a	n/a	n/a

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PROBLEMS TO ADDRESS NEXT

Table 4 – Future Problems

Problem	Description
ERAU DB Map Generation	Need to send the 3D renders of the ERAU DB campus to develop a map code.
Fix PolyVerif	Re-build environment
Increase font size on diagram	Serena needs to increase the font size for the flow chart diagram
PolyVerif	Abandon PolyVerif, explore Quentin's model for autonomous vehicle simulation

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MEETING NARRATIVE NOTES:

Table 5 – Meeting 1

02/13/25	Meeting Type: Class - async
Met with Product Owner(s): N	
Problems Brought Up:	
Problem	Proposed Solution
n/a	n/a
Other Items Updated on:	
Was sick again, unable to attend	
Additional Notes:	

Table 6 – Meeting 2

02/18/25	Meeting Type: Class
Met with Product Owner(s): Y	
Problems Brought Up:	
Problem	Proposed Solution
n/a	n/a
Other Items Updated on:	
Explored Quentin's simulation model, doesn't seem to include LGSVL We talked with Dr. Akbas about issues with the overall design and how we are trying to move the NE model to the new sim (python files would be easier as standalone, no integration)	
Additional Notes:	

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NOTES:

Was sick.