CS491 – Autonomous Vehicle Design

Engineering Notes No. 8.1

INFORMATION

NAME: Serena Conticello

DATE: 01/22/25 - 01/28/25

Sprint: 8

JIRA BACKLOG

Responsible for:

- n/a

Contributed to:

- Determine Final Requirements for End of Semester
- Work on detailed breakdown of test cases
- Plan out AI and neuroevolution scope of project

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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 8	SRS Final Draft	OneDrive	SRS update and Environmental section

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COMPONENTS TESTED

Table 2 - Testing

Date Tested	Component	Result	Comments
01/23/25	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
Create NE Plan	Create a NE plan for the project

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MEETING NARRATIVE NOTES:

Table 5 – Meeting 1

01/23/25	Meeting Type: Class
Met with Product Owner(s): N	
Problems Brought Up:	
Problem	**Proposed Solution**
n/a	n/a
Other Items Updated on:	
Map needs to be in .fbx file format, .fbx is textureless in blender.	
Additional Notes:	
Might want to see if the UAS dept here can help us with drone scan maps, since our current one seems to be flawed.	

Table 6 – Meeting 2

01/28/25	Meeting Type: Class
Met with Product Owner(s): Y	
Problems Brought Up:	
Problem	**Proposed Solution**
n/a	n/a
Other Items Updated on:	
Went over FURC – I no longer plan on attending Conference is on February 14th & 15th We should not include the budget for FURC attendance on our SRS	
Additional Notes:	

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NOTES:

Broken...