CS490 – Autonomous Vehicle Design

Engineering Notes No. 6.2

INFORMATION

NAME: Serena Conticello

DATE: 12/03/24 - 12/09/24

Sprint: 6

JIRA BACKLOG

Responsible for:

- n/a

Contributed to:

- Engineering Notes 3
- Engineering Notes 4
- Engineering Notes 5
- Engineering Notes 6
- Presentation for 10 - minute video
- Install Polyverif on Serena's Laptop
- Determine Goals with Acclivis
- Test plan v1

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RESOURCES & DOCUMENTS CONTRIBUTED TO

Table 1 - Contributions

Date	Resource/Document	Location	Contribution Description
sprint	Personal Engineering Notes	One Drive & GitHub	Completed engineering notes
12/01/24 - 12/05/24	10 Minute Video	Canvas & Canva	Contributed to sys arch and lessons learned
12/05/24	Poster	In Person	Presented, gave elevator pitches, answered questions
12/05/24	Test Plan V1	One Drive	Initialization and section 2

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COMPONENTS TESTED

Table 2 - Testing

Date Tested	Component	Result	Comments
n/a	n/a	n/a	n/a

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PROBLEMS SOLVED

Table 3 - Solutions

Date	Problem	Solution & Notes
12/05/24	Complete Test Plan V1	Completed deliverable.
12/05/24	Complete 10 Minute Video	Recorded section.

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PROBLEMS TO ADDRESS NEXT

Table 4 – Future Problems

Problem	Description
Dual Boot Serena's Computer	Put ubuntu on laptop. Not going to be done until PolyVerif issues are figured out so my computer does not get bricked.
Basic Simulation Working	Have a basic simulation running on the PolyVerif computer in the MicaPlex.
Uploading 3D Map of Campus	Reverse engineer software and reach out to PolyVerif contacts.
Get Recording	Record the simulation for demonstration and record keeping.

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MEETING NARRATIVE NOTES:

Table 5 – Meeting 1

12/03/24	Meeting Type: Class
Met with Product Owner(s): Y – Dr. Akbas, Clay	
Problems Brought Up:	

Problem	Proposed Solution
Complete 10 Minute Video	Record section.

Other Items Updated on:
- Upload engineering notes to GitHub ASAP!   - Project was sent to Tampa conference, need to send to Philadelphia one as well.   - Poster is ready for presenting.
Additional Notes:
n/a

Table 6 – Meeting 2

12/05/24	Meeting Type: Presentation
Met with Product Owner(s): Y – Dr. Akbas, Clay	
Problems Brought Up:	

Problem	Proposed Solution
n/a	n/a

Other Items Updated on:
n/a
Additional Notes:
Completed poster presentation successfully!

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NOTES:

n/a