

# Engineering Notes No. 10.1

## INFORMATION

**NAME:** Serena Conticello

**DATE:** 02/19/25 - 02/25/25

**Sprint:** 10

## 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

## RESOURCES &amp; DOCUMENTS CONTRIBUTED TO

*Table 1 - Contributions*

Date	Resource/Document	Location	Contribution Description
n/a	Engineering Notes	GitHub	n/a
Sprint 10	NE Plan	OneDrive	Plan for NE implementation

## COMPONENTS TESTED

*Table 2 - Testing*

Date Tested	Component	Result	Comments
02/20/25	PolyVerif	Broken	PolyVerif is currently broken again

## PROBLEMS SOLVED

*Table 3 - Solutions*

Date	Problem	Solution & Notes
02/27/25	ERAU DB Map Generation	No longer attempting to use PolyVerif. Problem closed as it is not applicable anymore.
02/27/25	Fix PolyVerif	No longer attempting to use PolyVerif. Problem closed as it is not applicable anymore.
02/27/25	PolyVerif	No longer attempting to use PolyVerif. Problem closed as it is not applicable anymore.

## 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

## MEETING NARRATIVE NOTES:

**Table 5 - Meeting 1**

02/20/25	Meeting Type: Class	
Met with Product Owner(s): N		
Problems Brought Up:		
Problem	Proposed Solution	
n/a	n/a	
Other Items Updated on:		
<p>Tried doing everything to get PolyVerif working, there was no progress even when trying to trouble shoot</p> <p>I looked through bash files to find the issue with the executable.</p> <p>I believe it is a loop issue, there is a non-stop loop when trying to load the Rlrvs2 package. I opened the activity monitor utility and it shows a spike in network so it does attempt to make a connection but fails to even pull through.</p> <p>Caused a bunch of seg faults (oopsy)</p>		
Additional Notes:		

**Table 6 - Meeting 2**

02/27/25	Meeting Type: Class	
Met with Product Owner(s): Y		
Problems Brought Up:		
Problem	Proposed Solution	
AI model operational	Get it running.	
Other Items Updated on:		
Talked about the final attempt to get PolyVerif up and running. Since there was no solution, Dr. Akbas told us to go forward		

with using Quentin's simulation software. We were also informed to get the AI model operational ASAP
--

<b>Additional Notes:</b>

NOTES: