

Engineering Notes No. 10.1

INFORMATION

NAME: Isabella Acosta

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

Sprint: 10

JIRA BACKLOG

Responsible for:

- EGR Notes 1
- EGR Notes 2
- Isabella's Test
- Test Introductory test cases

Contributed to:

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

RESOURCES & DOCUMENTS CONTRIBUTED TO

Table 1 - Contributions

Date	Resource/Document	Location	Contribution Description
N/A	N/A	N/A	N/A

COMPONENTS TESTED

Table 2 - Testing

Date Tested	Component	Result	Comments
02/20/25	PolyVerif	It is not working	PolyVerif is still unstable

PROBLEMS SOLVED

Table 3 - Solutions

Date	Problem	Solution & Notes
02/25/25	PolyVerif is still not working	We are pivoting away from PolyVerif and now going to use Quentin's Scenic-SUMO model.

PROBLEMS TO ADDRESS NEXT

Table 4 - Future Problems

Problem	Description
PolyVerif has continued to give us issues.	We will be moving to Quentin's Scenic-SUMO model and being to work on AI and neuroevolution.

MEETING NARRATIVE NOTES:

Table 5 - Meeting 1

02/20/25	Meeting Type: Class/Standup/Presentation/MicaPlex	
Met with Product Owner(s): Y/N		
Problems Brought Up:		
Problem	Proposed Solution	
PolyVerif not working	Serena continued to debug	
Other Items Updated on:		
Additional Notes:		
Organized the GitHub for the engineering notes		

Table 6 - Meeting 2

02/25/25	Meeting Type: Class/Standup/Presentation	
Met with Product Owner(s): Y/N		
Problems Brought Up:		
Problem	Proposed Solution	
Pivoted from PolyVerif and now using new model that does not use LGSVL(not sure how to progress on project)	Made a plan so that we could get straight to work on Thursday.	
Other Items Updated on:		
Additional Notes:		
Hannah not present, Serena running late. "Error message was generic, did not reveal anything" - Serena		

Work on the AI portion of the project, i.e. the NeuroEvolution side of work.

"Don't worry about PolyVerif anymore, focusing on getting something working" - Dr. Akbas

Final SDS is due on Thursday, March 6th (03/06/2025). We don't have much to add to it.

- Got to ask Clay if it is supposed to be the final SDD, as there is no SDS prior.
- Go through the annotated version of SDD v.1 and make necessary edits.
- Modify the design document to reflect the AI part of the project.

Read "The Nature of Code" chapter about NeuroEvolution.

NOTES:

PolyVerif has continued to give us problems and we are not making any progress. We have decided to move over to Quentin's Scenic-SUMO model that does not use LGSVL and hopefully we can make some progress.