

Engineering Notes No. 13.2

INFORMATION

NAME: Isabella Acosta

DATE: 04/09/25 - 04/16/25

Sprint: 13

JIRA BACKLOG

Responsible for:

- EGR Notes 3
- Set up Scenic-Sumo - Isabella
- Test Introductory test cases

Contributed to:

- Plan out AI and neuroevolution scope of project
- Set up Scenic-Sumo -- Micaplex PC

RESOURCES & DOCUMENTS CONTRIBUTED TO

Table 1 - Contributions

Date	Resource/Document	Location	Contribution Description
04/03/25	Introductory test cases	Local drive	Created initial test case for VerifAI.
04/08/25	Work on Final Test Plan	Local drive	Worked on Davian with initial makeup of test plan.

COMPONENTS TESTED

Table 2 - Testing

Date Tested	Component	Result	Comments
N/A	N/A	N/A	N/A

PROBLEMS SOLVED

Table 3 - Solutions

Date	Problem	Solution & Notes
04/15/25	Map that we are using right now works	Map that is in the program resemble ERAU campus closely, we can use it as a fallback if needed.

PROBLEMS TO ADDRESS NEXT

Table 4 - Future Problems

Problem	Description
Map Integration	Properly integrate map into Scenic SUMO.
Final Test Plan	Continue working on final test plan
Poster presentation	Communicate on what needs to be done for our final assignments.

MEETING NARRATIVE NOTES:

Table 5 - Meeting 1

04/10/25	Meeting Type: Class/Standup/Presentation/MicaPlex	
Met with Product Owner(s): Y/N		
Problems Brought Up:		
Problem	Proposed Solution	
Map compatibility	We can use map that is already in Scenic-SUMO as the fallback if we need too.	
VerifAI compatibility	Update Scenic-SUMO version so that it is compatible with VerifAI.	
Other Items Updated on:		
Additional Notes:		
Met again in MP 224		
Dealing with crunch time, a lot to do, not enough time.		
Current map resembles riddle, if all else fails can claim that as a map of campus.		
Will has gotten really good at Scenic		
Work on Final Test Plan due on Tuesday.		
Trying to get VerifAI to work with our current model of ScenicSumo, correctly installed and testing.		
Merged example.py with API features from VerifAI, input parameters and sample, loads and compatible 0.0b1.		
Need to work with the map, Scenic, or both.		
Discussed map issues		

Table 6 - Meeting 2

04/15/25	Meeting Type: Class/Standup/Presentation/MicaPlex	
Met with Product Owner(s): Y/N		
Problems Brought Up:		
Problem	Proposed Solution	
Finish Final Test Plan Document	Finish our test plan, specifically focusing on test cases.	
Other Items Updated on:		
Additional Notes:		
Met in LB 374, Worked on the test plan, Akbas told us to focus on the test cases.		

NOTES:

We are running out of time but working through our VerifAI errors, we were able to get Scenic-SUMO up and running and VerifAI is compatible with them.