

Engineering Notes No. 12.1

INFORMATION

NAME: Davian Rosario-Ortiz

DATE: 03/19/25 - 03/25/25

Sprint: 12

JIRA BACKLOG

Responsible for:

- Supporting VerifAI integration with QSS (Quentin-Scenic-Sumo).
- Investigating compatibility issues on different platforms (i.e., MacOS).
- Tracking Python installation and dependencies on project systems.

Contributed to:

- Determining if SUMO and Python are installed on Isabella's laptop.
- Coordinating next steps for VerifAI automation based on test cases.
- Assisting team in verifying cross-platform compatibility for Scenic-Sumo.

RESOURCES & DOCUMENTS CONTRIBUTED TO

Table 1 - Contributions

Date	Resource/Document	Location	Contribution Description
03/25/2025	VerifAI notes	One Drive	Recorded test plans for automating test cases with VerifAI. Logged installation status of SUMO and Python.

COMPONENTS TESTED

Table 2 - Testing

Date Tested	Component	Result	Comments
03/25/2025	VerifAI setup	In progress	Evaluating integration with Scenic and SUMO.

PROBLEMS SOLVED

Table 3 - Solutions

Date	Problem	Solution & Notes
03/25/2025	VerifAI integration uncertainty	Continued testing and prepared fallback planning.

PROBLEMS TO ADDRESS NEXT

Table 4 - Future Problems

Problem	Description
Scenic/SUMO Compatibility	Investigate platform issues and finalize configuration.
VerifAI Automation	Ensure successful automation of test cases within timeline.
System integration on MAC	Address issues with Scenic and SUMO not working on MacOS.

MEETING NARRATIVE NOTES:

Table 5 - Meeting 1

03/20/2025	Meeting Type: N/A	
Met with Product Owner(s): N		
Problems Brought Up:		
Problem	Proposed Solution	
N/A	N/A	
Other Items Updated on:		
N/A		
Additional Notes:		
No meeting due to Career Fair.		

Table 6 - Meeting 2

03/25/2025	Meeting Type: In-Class (LB 374)	
Met with Product Owner(s): Y		
Problems Brought Up:		
Problem	Proposed Solution	
VerifAI setup with QSS	Continue configuration and automation testing	
Platform compatibility issues	Explore System-specific fixes and workarounds.	
Other Items Updated on:		
Serena reached out to Quentin for further clarification and meeting.		
Additional Notes:		
<ul style="list-style-type: none">• Urgency is increasing due to time constraints.• Goal: Demonstrate functionality of VerifAI with Scenic and Sumo before project deadline.		

NOTES: