

Engineering Notes No. 8.1

INFORMATION

NAME: Isabella Acosta

DATE: 01/23/25 - 01/28/25

Sprint: 8

JIRA BACKLOG

Responsible for:

- Engineering Notes
- Create Introductory Test Case
- Isabella's Test Case

Contributed to:

- Troubleshooting PolyVerif

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
01/23/28	Polyverif software	Did not run	PolyVerif continues to be unstable and we are continuing to troubleshoot it.

PROBLEMS SOLVED

Table 3 - Solutions

Date	Problem	Solution & Notes
01/23/25	Map needs to be in .fbx file format, .fbx is textureless in blender	Works on our end but Acclivis only sees gray. We have re-emailed them solutions and are waiting for a response.
01/23/25	Acclivis mentioned getting drone mapping of campus if possible.	Get into contact with the UAS department to see if they have a 3D scan of the map. Draft up an email for Akbas about UAS.

PROBLEMS TO ADDRESS NEXT

Table 4 - Future Problems

Problem	Description
Future AI stuff	Write a list of what we want to see for our AI stuff.
PolyVerif	Continue to troubleshoot PolyVerif and get it to a stable environment.

MEETING NARRATIVE NOTES:

Table 5 - Meeting 1

01/23/25	Meeting Type: Class/Standup/Presentation/MicaPlex	
Met with Product Owner(s): Y/N		
Problems Brought Up:		
Problem	Proposed Solution	
Map needs to be in .fbx file format, .fbx is textureless in blender.	Update file format and send it back over to Acclivis.	
Acclivis wants to see if we can do drone mapping	Get into contact with the UAS department to see if they have a 3D scan of the map. Draft up an email for Akbas about UAS	
Other Items Updated on:		
Meet in the MicaPlex (yay free Celsius). Map needs to be in .fbx file format, .fbx is textureless in blender. Will is 24 :0. Start of Sprint 8. Get into contact with the UAS department to see if they have a 3D scan of the map. Draft up an email for Akbas about UAS Make a short list of the things we want to do with the AI for Quentin		
Additional Notes:		

Table 6 - Meeting 2

01/28/25	Meeting Type: Class /Standup/Presentation	
Met with Product Owner(s): Y /N		
Problems Brought Up:		
Problem	Proposed Solution	
N/A	N/A	
Other Items Updated on:		
<p>Meet in LB 374</p> <p>Discussed the FURC registration, need to complete the questionnaire, due 01/29/2025</p> <p>Isabella and Hannah are going to the conference Feb 14th & Feb 15th</p> <p>Budget for the conference is NOT being added to our SRS.</p>		
Additional Notes:		

NOTES:

PolyVerif is still not working, and we are still working on updating it. We are working with Acclivis and fixing the map so that it works for them and they can give us the 16 digit key that we need. We are working as best we can, but going to start focusing more on AI and neuroevolution.