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:** | | |
| Meet in LB 374  Discussed the FURC registration, need to complete the questionnaire, due 01/29/2025    Isabella and Hannah are going to the conference Feb 14th & Feb 15th    Budget for the conference is NOT being added to our SRS. | | |
| **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.