Engineering Notes No. 8.2

## INFORMATION

**NAME:** William Reimer

**DATE:** 02/04/25 – 02/06/25

**Sprint: 8**

## JIRA BACKLOG

**Responsible for:**

* Fixing 3D render

**Contributed to:**

* Work on the SRS Document
* De-bugging PolyVerif

## RESOURCES & DOCUMENTS CONTRIBUTED TO

***Table 1 - Contributions***

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Resource/Document** | **Location** | **Contribution Description** |
| 01/28/25 | 3D map | Blender, OpenStreetMap | Received feedback from Acclivis, they still were not able to see the textures. |
|  |  |  |  |

## COMPONENTS TESTED

***Table 2 - Testing***

|  |  |  |  |
| --- | --- | --- | --- |
| **Date Tested** | **Component** | **Result** | **Comments** |
| N/A |  |  | See future problems |
|  |  |  |  |

## PROBLEMS SOLVED

***Table 3 - Solutions***

|  |  |  |
| --- | --- | --- |
| **Date** | **Problem** | **Solution & Notes** |
| N/A | N/A | See future problems |
|  |  |  |

## PROBLEMS TO ADDRESS NEXT

***Table 4 – Future Problems***

|  |  |
| --- | --- |
| **Problem** | **Description** |
| 3D map textures | Acclivis is still unable to see the textues on their end. They said that their current maps are based on high resolution drone captures. Will contact UAV department to see if they have image data of ERAU campus or can get permission to use drone for pictures. Will have to look into drone permissions, given proximity of ERAU campus to Daytona Airport. |
| Debugging PolyVerif | Still was unable to get PolyVerif to work. Have contacted Acclivis, awaiting response. Have talked to others that contributed to PolyVerif for input. Advice didn’t lead anywhere. Will keep troubleshooting and reaching out for answers. |

## MEETING NARRATIVE NOTES:

***Table 5 – Meeting 1***

|  |  |  |
| --- | --- | --- |
| **02/04/25** | **Meeting Type:** Class/Standup/Presentation | |
| Met with Product Owner(s): Y/N | | |
| **Problems Brought Up:** | | |
| **Problem** | | **Proposed Solution** |
| Acclivis is still unable to see the textues on their end. | | Will contact UAV department to see if they have image data of ERAU campus or can get permission to use drone for pictures. Will have to look into drone permissions, given proximity of ERAU campus to Daytona Airport. |
| PolyVerif still not running | | Have contacted Acclivis, awaiting response. Have talked to others that contributed to PolyVerif for input. Advice didn’t lead anywhere. Will keep troubleshooting and reaching out for answers. |
|  | |  |
| **Other Items Updated on:** | | |
|  | | |
| **Additional Notes:** | | |
|  | | |

***Table 6 – Meeting 2***

|  |  |  |
| --- | --- | --- |
| **02/06/25** | **Meeting Type:** Class/Standup/Presentation | |
| Met with Product Owner(s): Y/N | | |
| **Problems Brought Up:** | | |
| **Problem** | | **Proposed Solution** |
| Debugging PolyVerif | | We attempted to fix the issues with PolyVerif improperly generating the simulation. Reached out to Acclivis on specifics, stated what we already tried, and what else we can do. |
|  | |  |
|  | |  |
| **Other Items Updated on:** | | |
| **Additional Notes:** | | |
|  | | |

## NOTES:

Group Notes:

02/04

Met in LB 374

Worked on finalizing our SRS for submission

02/06

Meeting in MP 224, with a still broken PolyVerif. Still was unable to fix