Engineering Notes No. 9.1

## INFORMATION

**NAME:** William Reimer

**DATE:** 02/07/25 - 02/13/25

**Sprint: 9**

## JIRA BACKLOG

**Responsible for:**

* Research alternative methods to use ERAU map in PolyVerif
* Researching Scenic and Sumo functionality

**Contributed to:**

* Attempting to debug PolyVerif
* Determine finalized requirements
* Assist with test case creation

## RESOURCES & DOCUMENTS CONTRIBUTED TO

***Table 1 - Contributions***

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Resource/Document** | **Location** | **Contribution Description** |
| 02/11/25 | Alternate methods to display 3D map | N/A | Due to changes in system, uploading 3D assets will be different compared to previously researched methods. As a result, I have been researching the functionality of Scenic and Sumo regarding 3D asset creation and testing. |
| 02/13/25 | Researching Scenic and Sumo functionality | N/A | Due to potential system changes, I have been further researching Scenic and Sumo, as these are critical to the new systems functionality, and may be vital to know when attempting to upload 3D assets. |

## COMPONENTS TESTED

***Table 2 - Testing***

|  |  |  |  |
| --- | --- | --- | --- |
| **Date Tested** | **Component** | **Result** | **Comments** |
| 02/13/25 | Debugging PolyVerif | Failed | Have once again attempted to debug PolyVerif and get it in working order, to no avail. |
|  |  |  |  |

## PROBLEMS SOLVED

***Table 3 - Solutions***

|  |  |  |
| --- | --- | --- |
| **Date** | **Problem** | **Solution & Notes** |
| 02/13/25 | Debugging PolyVerif | Will collaborate with Quentin to get a working version on our workstation in the Micaplex. The functionality of this system is different, so we will have to research more of its functionality. |
|  |  |  |

## PROBLEMS TO ADDRESS NEXT

***Table 4 – Future Problems***

|  |  |
| --- | --- |
| **Problem** | **Description** |
| De-bugging PolyVerif | As previously mentioned, potentially working with a new system means testing new system functionalities and getting used to a new way of doing things. We may also run into unforeseen problems as a result, so we must be mindful going forward. |
|  |  |

## MEETING NARRATIVE NOTES:

***Table 5 – Meeting 1***

|  |  |  |
| --- | --- | --- |
| **02/11/25** | **Meeting Type:** Class/Standup/Presentation | |
| Met with Product Owner(s): Y/N | | |
| **Problems Brought Up:** | | |
| **Problem** | | **Proposed Solution** |
| Debugging PolyVerif | | Brought up PolyVerif troubles to Dr. Akbas, and we explained our potential new solution of talking to Quentin and transferring to new system. |
|  | |  |
|  | |  |
| **Other Items Updated on:** | | |
|  | | |
| **Additional Notes:** | | |
|  | | |

***Table 6 – Meeting 2***

|  |  |  |
| --- | --- | --- |
| **02/13/25** | **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:** | | |
| Worked on engineering notes: Looking through and making sure they will be ready to turn in | | |
| **Additional Notes:** | | |
| Several team members were sick so we did not meet in person at the micaplex. | | |

## NOTES:

Group Notes:

02/11

We are still unable to generate our map, correspondence with PolyVerif has been difficult

PolyVerif remains broken, may switch over to Quentin's model.

The reports still generate, but does not show much.

02/13

Much of the team was sick, so decided to not meet in the MicaPlex work on Engineering Notes which are due 02/20/2025