Engineering Notes No. 7

## INFORMATITON

**NAME:** Isabella Acosta

**DATE:** 01/09/25 – 01/15/25

**Sprint:** Number 7

## JIRA BACKLOG

**Responsible for:**

* EGR Notes 2
* Isabella’s Test

**Contributed to:**

* Create Introductory Test Case
* Email Isabella and Davian test script template

## 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** |
| 01/14/25 | Troubleshooting PolyVerif | Did not run | PolyVerif is unstable, will continue to troubleshoot |

## PROBLEMS SOLVED

***Table 3 - Solutions***

|  |  |  |
| --- | --- | --- |
| **Date** | **Problem** | **Solution & Notes** |
| N/A | N/A | N/A |

## PROBLEMS TO ADDRESS NEXT

***Table 4 – Future Problems***

|  |  |
| --- | --- |
| **Problem** | **Description** |
| PolyVerif Troubleshooting | Continue to Troubleshoot PolyVerif and see where the issues lie and how they can be fixed. |

## MEETING NARRATIVE NOTES:

***Table 5 – Meeting 1***

|  |  |  |
| --- | --- | --- |
| **01/09/2025** | **Meeting Type:** StandUp/**Class**/ETC | |
| Met with Product Owner(s): **Y**/N | | |
| **Problems Brought Up:** | | |
| **Problem** | | **Proposed Solution** |
| PolyVerif is possibly broken (not sure because it was not touched over break) | | Continue troubleshooting. |
| Figure out if we still have access to MicaPlex and MP 224 | | Head over on Thursday and see if we have access, if we do great if not contact Dr. Akbas |
| Need 16 digit key for scenario testing | | Generated another map of Embry - Riddle campus and sent it over to Acclivis |
| Other Items Updated on: | | |
| Overview of second semester:    Sprint 1:   * Documentation outside of class, project during class * Classroom to work in to be determined + MP 224     Tentative deadlines:   * SRS: Feb 4th   + SRS new section + rest of SRS     - Serena: Environmental     - Hannah: Economic     - Davian: Cultural     - Isabella: Global affect     - William: Social * SDS: Mar 6th * Final Test Plan & Test Results: Apr 15th * Poster Session: Apr 24th      * Sprint 1 starts today (01/09)  ends on the (01/21) * Get an early start on engineering notes   We now have the python tutorial!!!   * Start with localization and mission planning * Beginner – 1-2 * Intermediate – up to 5 * Advanced – up to 10   What do we want in the test cases, detailed breakdown – Isabella and Davian :) | | |
| **Additional Notes:** | | |
|  | | |

***Table 6 – Meeting 2***

|  |  |  |
| --- | --- | --- |
| **01/14/25** | **Meeting Type:** StandUp/**Class**/ETC | |
| Met with Product Owner(s): **Y**/N | | |
| **Problems Brought Up:** | | |
| **Problem** | | **Proposed Solution** |
| PolyVerif is currently unstable | | We believe that it is an easy fix |
|  | |  |
|  | |  |
| Other Items Updated on: | | |
| Trauma dump session  Hannah hates us!    From now on meet in LB 367 on Tuesdays.  Did not start the sprint last week, starting sprint today (ideally).  Adding backlog items to the backlog.  Thursdays are our MicaPlex days.  Engineering notes (do them) sprint 7.  Hannah no longer wants to be scrum master.  Hannah will send Isabella and Davian the PolyVerif templates to write in python.    **FOCUS ON THE PRODUCT!**  Stuff not used in the final product (separate contributions) can be added to the PolyVerif repo.  Decide on final product (deliverable) in the next two weeks, know what we are going to do.  Serena created new Engineering Notes templates.    For 3D map, .fbx is desired, .obj works as well.      Test Cases: | | |
| **Additional Notes:** | | |
|  | | |

## NOTES:

PolyVerif is unstable now, we are continuing to troubleshoot and to our understanding it should not be a big issue. We are continuing to communicate with Acclivis and gave them our updated 3D map of Riddle so that we can get the 16-digit key that we need for running the test cases. Overall, once we get PolyVerif up and running we should be able to make good progress and have more testing done.