Engineering Notes No. 5.2

## INFORMATION

**NAME:** William Reimer

**DATE:** 11/19/24 – 11/25/24

**Sprint:** 5

## JIRA BACKLOG

**Responsible for:**

* N/A

**Contributed to:**

ERPOLYV-46: Complete SDD Document following same breakdown as SRS

ERPOLYV-48: Troubleshoot PolyVerif's new install

## RESOURCES & DOCUMENTS CONTRIBUTED TO

***Table 1 - Contributions***

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Resource/Document** | **Location** | **Contribution Description** |
| 11/22/24 | SDD Document | Microsoft Word | Continued to contributions of Section 2 and completed the majority of Section 3 of the SDD. |
| 11/22/24 | Miscellaneous PolyVerif troubleshooting | Micaplex | Assisted with the troubleshooting of PolyVerif |

## COMPONENTS TESTED

***Table 2 - Testing***

|  |  |  |  |
| --- | --- | --- | --- |
| **Date Tested** | **Component** | **Result** | **Comments** |
| 11/24 | PolyVerif troubleshooting: Changing the version of Linux Ubuntu to fix PolyVerif | Success, found the issues with GitHub; it was a recent update from PolyVerif themselves conflicting with the starting sequence of PolyVerif, making it unable to run. After reinstallation,PolyVerif works. |  |
|  |  |  |  |

## PROBLEMS SOLVED

***Table 3 - Solutions***

|  |  |  |
| --- | --- | --- |
| **Date** | **Problem** | **Solution & Notes** |
| 11/24 | PoltVerif Troubleshooting | After reinstallation, and following instructions sent from PolyVerif GitHub contributors, PolyVerif works. |
|  |  |  |

## PROBLEMS TO ADDRESS NEXT

***Table 4 – Future Problems***

|  |  |
| --- | --- |
| **Problem** | **Description** |
| PolyVerif futire tasks | Now that PolyVerif is working, we will delegate future tasks soon and resume progress on product development. |
| SDD | Some of the SDD is complete. The rest will be finished by the end of the sprint. |

## MEETING NARRATIVE NOTES:

***Table 5 – Meeting 1***

|  |  |  |
| --- | --- | --- |
| **11/19/24** | **Meeting Type:** StandUp/Class/ETC | |
| Met with Product Owner(s): Y/N | | |
| **Problems Brought Up:** | | |
| **Problem** | | **Proposed Solution** |
| Needed more details on how to present poster | | Ask Quentin for the poster, preferably an electronic version  -poster was not on PolyVerif but verification and validation    Poster should be visually pleasing, not too much text, include figures from polyverif, do not include use case diagrams.  Be very clear about what the project is, problem statement purpose, motivation/purpose/challenge/contribution/solutions  Poster is not a place to complain about it, only medium being used to present product to customer.  Discuss stuff we have done and what we plan/want to do.  Ideally one figure to explain the project. |
|  | |  |
|  | |  |
| **Other Items Updated on:** | | |
| N/A | | |
| **Additional Notes:** | | |
| Feedback on Presentation: given pointers on how to do presentations in the future | | |

***Table 6 – Meeting 2***

|  |  |  |
| --- | --- | --- |
| **11/21/24** | **Meeting Type:** StandUp/Class/ETC | |
| Met with Product Owner(s): Y/N | | |
| **Problems Brought Up:** | | |
| **Problem** | | **Proposed Solution** |
| N/A | | N/A |
|  | |  |
|  | |  |
| **Other Items Updated on:** | | |
| Continued to work on the SDD, main short term goal is to finish it in time. | | |
| **Additional Notes:** | | |

## NOTES:

Met in LB 374

Worked on SDD:

Isabella and William -> Sections 1 & 2

William -> Section 3

Hannah and Serena -> Diagrams and Models (Section 4)

Davian -> Sections 5 & 6

Ask Clay about us not having a database, but rather a file system.

Ask Quentin for the poster, preferably an electronic version

-poster was not on PolyVerif but verification and validation

Poster should be visually pleasing, not too much text, include figures from polyverif, do not include use case diagrams.

Be very clear about what the project is, problem statement purpose, motivation/purpose/challenge/contribution/solutions

Poster is not a place to complain about it, only medium being used to present product to customer.

Discuss stuff we have done and what we plan/want to do.

Ideally one figure to explain the project.

Picture of a vehicle, branches outwards. Including OSM of ERAU, Higher level figure, find & fix issues.

Too many cars in our presentation!!! "A bit too much..." - Dr. Akbas

* Felt like advertising.
* Use our own OSM and our own simulation as the background.
* Ideally want something working by Thanksgiving.

Worked on SDD diagrams and polished up remaining sections, Poster, and continued work on PolyVerif sim.