Engineering Notes No. 5.1

## INFORMATITON

**NAME:** Hannah Ramsden

**DATE:** 11/12/24 – 11/18/24

**Sprint:** 5

## JIRA BACKLOG

**Responsible for:**

* Use Case Diagram

**Contributed to:**

* Troubleshoot PolyVerif’s new Install
* Component diagram
* Context diagram
* High Level Architecture Diagram
* Work on First Draft of Poster

## RESOURCES & DOCUMENTS CONTRIBUTED TO

***Table 1 - Contributions***

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Resource/Document** | **Location** | **Contribution Description** |
| 11/12/24 | Poster | Overleaf | Created structure of poster |

## COMPONENTS TESTED

***Table 2 - Testing***

|  |  |  |  |
| --- | --- | --- | --- |
| **Date Tested** | **Component** | **Result** | **Comments** |
| 11/13/24 | Test Fresh Install of Docker | Docker runs successfully | This means that it is PolyVerif itself that has the issue. |
| 11/14/24 | Docker, PolyVerif, OS | Found issue might have to be OS level. | Missing glibc and qt, which are needed to run PolyVerif. Contacting acclivis for support. |

## PROBLEMS SOLVED

***Table 3 - Solutions***

|  |  |  |
| --- | --- | --- |
| **Date** | **Problem** | **Solution & Notes** |
| 11/13/24 | Nvidia driver, docker, and current errors | Contacted Bidur, waiting for feedback |
| 11/14/24 | Glibc and qt | Libraries not supported in PolyVerif. Contacted acclivis. |

## PROBLEMS TO ADDRESS NEXT

***Table 4 – Future Problems***

|  |  |
| --- | --- |
| **Problem** | **Description** |
| Fixing PolyVerif | Troubleshooting errors and communicating with Acclivis to understand issue and fix. |

## MEETING NARRATIVE NOTES:

***Table 5 – Meeting 1***

|  |  |  |
| --- | --- | --- |
| **11/13/24** | **Meeting Type:** Lab | |
| Met with Product Owner(s): No | | |
| **Problems Brought Up:** | | |
| **Problem** | | **Proposed Solution** |
| Docker | | Followed Bidur’s instruction, docker runs. |
| OS | | After running docker, os issue comes up. GLIBC and QT versions on PolyVerif aren’t compatible with OS. |
| OS | | Emailed Acclivis, may need to upgrade os again. |
| Other Items Updated on: | | |
| Polyverif still not working | | |
| **Additional Notes:** | | |
| -- | | |

***Table 6 – Meeting 2***

|  |  |  |
| --- | --- | --- |
| **11/14/24** | **Meeting Type:** Class | |
| Met with Product Owner(s): No | | |
| **Problems Brought Up:** | | |
| **Problem** | | **Proposed Solution** |
| OS | | GLIBC and QT troubleshooting. |
| Other Items Updated on: | | |
| -- | | |
| **Additional Notes:** | | |
| -- | | |

## NOTES:

N/A