Engineering Notes No. 0

## INFORMATION

**NAME:** Isabella Acosta

**DATE:** 09/24/24 – 09/30/24

**Sprint:** 1

## JIRA BACKLOG

**Responsible for:**

* No backlog items were directly assigned to me

**Contributed to:**

* Establish Meeting Times
* Begin Project Proposal
* Read PolyVerif Papers
* Decide which intersection to use

## RESOURCES & DOCUMENTS CONTRIBUTED TO

***Table 1 - Contributions***

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Resource/Document** | **Location** | **Contribution Description** |
| 09/24/24 | Read PolyVerif Papers | PolyVerif website | Continue to read through and understand PolyVerif research papers and how it relates to our project and its scope. |
| 09/26/24 | Project Proposal | Word Online | Continued to work on Project Proposal, focused more on determining software and OS we want to use, as well as scenario modeling. |
| 09/26/2024 | Contributed to OneDrive meeting notes | OneDrive | Wrote down meeting notes during our meetings, documenting our progress/future needs and wants for our project. |

## COMPONENTS TESTED

***Table 2 - Testing***

|  |  |  |  |
| --- | --- | --- | --- |
| **Date Tested** | **Component** | **Result** | **Comments** |
| N/A | N/A | N/A | N/A |

## PROBLEMS SOLVED

***Table 3 - Solutions***

|  |  |  |
| --- | --- | --- |
| **Date** | **Problem** | **Solution & Notes** |
| 09/24/24 | Gained access to Micaplex | Access to Micaplex was gained and we were able to visit the lab. |
| 09/26/2024 | Completed Project Proposal | We were able to complete the project proposal |
| 09/26/2024 | Sprint 1 complete | Sprint 1 has been completed, we were able to complete all tasks in our backlog. |

## PROBLEMS TO ADDRESS NEXT

***Table 4 – Future Problems***

|  |  |
| --- | --- |
| **Problem** | **Description** |
| Download PolyVerif | We need to download PolyVerif and get familiar with it, run test scenarios and understand it. |
| Refine 3D scan of campus | Refine our render of campus, it is a first draft and can be refined further to emphasize details. |
| Meet with Quentin | Meet with Quentin to get further guidance on hardware and software regarding PolyVerif. |

## MEETING NARRATIVE NOTES:

***Table 5 – Meeting 1***

|  |  |  |
| --- | --- | --- |
| **09/24/24** | **Meeting Type:** StandUp/**Class**/ETC/Discord | |
| Met with Product Owner(s): Y/N | | |
| **Problems Brought Up:** | | |
| **Problem** | | **Proposed Solution** |
| Decide on what scenario to use | | Decide what intersection to use and present it to Dr. Akbas |
| Get acquainted with Micaplex | | Access gained to Micaplex, travel there to get familiar with lab and computer (we were given username and password for computer) |
| Get in Contact with Quentin | | Remind Dr. Akbas to send us Quentin’s contact information |
| Determine very simple scenario | | Use very simple scenario, such as a lone car running a red light. |
| Other Items Updated on: | | |
|  | | |
| **Additional Notes:** | | |
|  | | |

***Table 6 – Meeting 2***

|  |  |  |
| --- | --- | --- |
| **09/24/24** | **Meeting Type:** StandUp/Class/ETC/**Discord** | |
| Met with Product Owner(s): Y/N | | |
| **Problems Brought Up:** | | |
| **Problem** | | **Proposed Solution** |
| Project Proposal | | Continue working on Project Proposal |
| PolyVerif Research | | Continue reading PolyVerif papers and doing research to get more familiar. |
|  | |  |

***Table 7 – Meeting 3***

***Not Applicable***

|  |  |  |
| --- | --- | --- |
| **MM/DD/YY** | **Meeting Type:** StandUp/Class/ETC | |
| Met with Product Owner(s): Y/N | | |
| **Problems Brought Up:** | | |
| **Problem** | | **Proposed Solution** |
|  | |  |
|  | |  |
|  | |  |
| Other Items Updated on: | | |
|  | | |
| **Additional Notes:** | | |
|  | | |

## NOTES:

Made progress and completed our Project Proposal. We met with our product owner and made some more definite decisions on what was expected of us and what type of scenario(s) we should focus on.