

# Engineering Notes No. 6.1

## INFORMATION

**NAME:** Davian Rosario-Ortiz

**DATE:** 11/26/2024 - 12/2/2024

**Sprint:** 6

## JIRA BACKLOG

### Responsible for:

- N/A

### Contributed to:

- 10-Minute Video
- Test Plan v1

## RESOURCES &amp; DOCUMENTS CONTRIBUTED TO

**Table 1 - Contributions**

| Date       | Resource/Document | Location | Contribution Description                        |
|------------|-------------------|----------|---|
| 11/26/2024 | SRS v.2           | OneDrive | Continued revising and updating sections        |
| 11/26/2024 | Test Plan v.1     | OneDrive | Drafted initial sections and noted dependencies |

## COMPONENTS TESTED

*Table 2 - Testing*

| Date Tested | Component | Result | Comments                  |
|-------------|-----------|--------|---------------------------|
| N/A         | N/A       | N/A    | Nothing tested this week. |

## PROBLEMS SOLVED

*Table 3 - Solutions*

| Date       | Problem   | Solution & Notes   |
|------------|---|--|
| 11/26/2024 | Limited involvement with Python side of PolyVerif | Proposed to involve Isabella and Davian more actively in scene creation tasks. |
| 11/26/2024 | Concerns about test plan traceability matrix      | Acknowledged it may be incomplete; focusing on what is feasible.               |

## PROBLEMS TO ADDRESS NEXT

**Table 4 - Future Problems**

| Problem  | Description   |
|--|---|
| Need to complete updates to SRS v.2              | Complete updates to SRS v.2 and submit it for review.                             |
| Need to finalize test plan                       | Finalize the Test Plan, including ensuring the traceability matrix is functional. |
| Need to begin assigning scenarios for PolyVerif  | Begin assigning scenarios for PolyVerif scene creation.                           |
| Need to explore if AI implementation is feasible | Explore potential implementation of a neural network if time permits.             |

## MEETING NARRATIVE NOTES:

**Table 5 - Meeting 1**

|  |  |  |
|--|--|--|
| 11/26/2024   | Meeting Type: In-Class   |  |
| Met with Product Owner(s): Y   |  |  |
| Problems Brought Up:   |  |  |
| Problem  | Proposed Solution  |  |
| Lack of engagement with Python side of PolyVerif.  | Increase involvement of Isabella and Davian in scene creation tasks. |  |
| Other Items Updated on:  |  |  |
| N/A  |  |  |
| Additional Notes:  |  |  |
| Work is focused on wrapping up documentation and initiating planning for future tasks. The Test Plan is in progress but lacks significant additions due to limited software updates this sprint. |  |  |

## NOTES:

Nothing else to note.