

Engineering Notes No. 1.2

INFORMATITON

NAME: Serena Conticello

DATE: 09/24/24 - 09/30/24

Sprint: 1

JIRA BACKLOG

Responsible for:

- Write Note Template for Polyverif Research

Contributed to:

- Meet with Dr. Akbas to Determine Project Scope
- Read PolyVerif Papers
- Begin Project Proposal
- Establish Meeting Times

RESOURCES & DOCUMENTS CONTRIBUTED TO

Table 1 - Contributions

| Date | Resource/Document | Location | Contribution Description |
|----------|------------------------------|---------------------------|---|
| 09/24/24 | Class Time Notes - Template | link | Created template for notes taken during class time. |
| 09/24/24 | Research Notes - Template | link | Created template for research notes taken during testing. |
| 09/24/24 | Generic Notes - Template | link | Created template for generic or misc notes. |
| 09/24/24 | Engineering Notes - Template | link | Created template for engineering notes for submission. Personal and customizable. |
| 09/24/24 | PolyVerif Notes | link | Created template for notes regarding existing PolyVerif documentation. |
| 09/24/24 | Project Proposal Document | One Drive | Rewrote all sections of the document with help from other team members. |
| 09/26/24 | Project Proposal Document | One Drive | Created diagram and specific information to goals. |

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 |
|----------|---------------------------|--------------------------------|
| 09/26/24 | Project Proposal Document | Finished the document!! Yay |
| 09/30/24 | Sprint 1 Finished | n/a |

PROBLEMS TO ADDRESS NEXT

Table 4 - Future Problems

| Problem | Description |
|--|---|
| Access to necessary hardware for PolyVerif | Contact Quentin. |
| Set team members in roles | Figure out time constraints and skills for best role delegation, current procedure is to assign as necessary. |
| Intersection | Choose and model an intersection at ERAU DB. |
| Engineering Notes | Start creating engineering notes. |
| Dual Boot Serena's Computer | Put ubuntu on laptop. |

MEETING NARRATIVE NOTES:

Table 5 - Meeting 1

| | | |
|--|---|--|
| 09/24/24 | Meeting Type: Class | |
| Met with Product Owner(s): Y - Dr. Akbas, Clay | | |
| Problems Brought Up: | | |
| Problem | Proposed Solution | |
| Decide on scenario | Figure out a scenario we want to use, place it in the Project Proposal Document | |
| Get acquainted with MicaPlex | Head over to MicaPlex and use computer | |
| Other Items Updated on: | | |
| n/a | | |
| Additional Notes: | | |
| Refer to 9/24 notes on the one drive for more information regarding MicaPlex access. | | |

Table 6 - Meeting 2

| | | |
|--|---|--|
| 09/24/24 | Meeting Type: Standup | |
| Met with Product Owner(s): N | | |
| Problems Brought Up: | | |
| Problem | Proposed Solution | |
| Is proposal document finished? | Show Dr. Akbas in tomorrow's meeting to determine if document meets standards | |
| Other Items Updated on: | | |
| Modified and updated Project Proposal Doc: <ul style="list-style-type: none">• Re-wrote all sections (using rough draft info)• Updated and added references | | |

| |
|--|
| <ul style="list-style-type: none"> Reformatted |
| Additional Notes: |
| Focused mostly on the editing and finishing of the Project Proposal Doc. |
| |
| n/a |

Table 7 - Meeting 3

| | | |
|---|--|--|
| 09/25/24 | Meeting Type: Standup | |
| Met with Product Owner(s): Y - Dr. Akbas | | |
| Problems Brought Up: | | |
| Problem | Proposed Solution | |
| Add diagrams to proposal doc | Create abstract/high level diagram explaining scope of project | |
| Add more details to goals in proposal doc | Add in languages, hardware, software, and similar needed for the project, we will assume what we need now and modify later | |
| Other Items Updated on: | | |
| Provided with goals for proposal document from product owner. | | |
| Additional Notes: | | |
| n/a | | |

Table 8 - Meeting 4

| | |
|------------------------------|------------------------------|
| 09/26/24 | Meeting Type: Standup |
| Met with Product Owner(s): N | |

| Problems Brought Up: | |
|--|--------------------------|
| Problem | Proposed Solution |
| n/a | n/a |
| Other Items Updated on: | |
| Added diagram and specific information to goals section per Dr. Akbas's recommendations. Finished and submitted Project Proposal Document. | |
| Additional Notes: | |
| n/a | |

CS490 - Autonomous Vehicle Design

NOTES:

Hurricane!