

Engineering Notes No. 1.1

INFORMATION

NAME: Davian Rosario-Ortiz

DATE: 09/17/2024 - 09/23/2024

Sprint: 1

JIRA BACKLOG

Responsible for:

- N/A

Contributed to:

- Read the PolyVerif papers
- Work on the project proposal
- Establish the meeting times
- Met with Dr. Akbas to discuss the project scope

RESOURCES & DOCUMENTS CONTRIBUTED TO

Table 1 - Contributions

Date	Resource/Document	Location	Contribution Description
09/17/2024	Project Proposal	One drive	Modified the format of the document.

COMPONENTS TESTED

Table 2 - Testing

Date Tested	Component	Result	Comments
Not Applicable	Not Applicable	Not Applicable	Not Applicable

PROBLEMS SOLVED

Table 3 - Solutions

Date	Problem	Solution & Notes
09/17/2024	Need to get access to MP 224 in the MicaPlex	Sent necessary information to Dr. Akbas
09/19/2024	Need to complete Project Proposal	Began rough outline for project proposal

PROBLEMS TO ADDRESS NEXT

Table 4 - Future Problems

Problem	Description
Need access to the PC in the MicaPlex for PolyVerif.	Need to get in contact with Quentin in MP 224 to access the necessary hardware (Computer with a GPU).
Need to determine roles.	Need to create and assign roles for the project proposal.
Need to select intersection.	Need to select and model a specific intersection at ERAU DB in PolyVerif.

MEETING NARRATIVE NOTES:

Table 5 - Meeting 1

09/17/2024	Meeting Type: In-Class	
Met with Product Owner(s): Y		
Problems Brought Up:		
Problem	Proposed Solution	
Need to be able to SSH into Computer with GPU in MP 224.	Get into contact with Quentin.	
Need to be able to park at MicaPlex.	Need to send in our car information, or just take the shuttle to the MicaPlex.	
Need to determine the hard definition of our scope.	Determine if we are creating just one main simulation or also modeling other agent cars that can be interacted with.	
Other Items Updated on:		
Dr. Akbas has a meeting scheduled for Wednesdays at 10:30 am, attendees (Hannah & Serena) will ask about project scope. Project proposal draft to be completed for Thursday.		
Additional Notes:		
Nothing else to note.		

Table 6 - Meeting 2

09/19/2024	Meeting Type: In-Class	
Met with Product Owner(s): Y		
Problems Brought Up:		
Problem	Proposed Solution	
Need to complete our project proposal draft.	Rough outline had begun that day.	

Other Items Updated on:

Clay Pate was assigned as out TA

Additional Notes:

Nothing else to note.

CS490 - Autonomous Vehicle Design

NOTES:

here