

# Minutes of Meeting 10/03/2024

Project Name: CYBER1-CodeVersion

Client Name: Tashi Stirewalt

Date: Oct 10, 2024

Time: 5:00 PM - #####PM

Location: Microsoft Teams

Attendees: Tashi Stirewalt, Bryan Frederickson, Samantha Brewer

Client Representative: Tashi Stirewalt

Project Team Members: Bryan Frederickson, Samantha Brewer

## 1. Agenda

Go over progress of Sprint 1 and Project Report, plan out active development going ahead for Sprint 2 onwards.

## 2. Meeting Summary

### Introduction:

Bryan Frederickson and Samantha Brewer are seniors at WSU serving as developers for Tashi Stirewalt for the CYBER1-CodeVersion project.

This project is meant to help signature-based intrusion detection by being able to generate semantic copies of known code, to better identify malicious software that has been changed to avoid detection.

### Client's Requirements

The plan for the project is to be a research based development style rather than a single polished deliverable, so multiple different implementations will be tested

### Key Discussion Points:

Discussion Point 1: Went over the Project Report's Requirements section.

Discussion Point 2: Potential ideas for the visualization of the program and how to give feedback to the user as semantic clones are being generated.

Discussion Point 3: Went over expectations for Sprint 1 writeup report.

Discussion Point 4: Alternatives or additional graphs to Abstract Syntax Trees such as code property graphs and joern.

### Decisions Made:

Agreement on minimum visual GUI necessary for the project and that it is a requirement.

### Action Items:

Action Item 1: Plan to implement a visual element to the program and how involved the GUI will be.

Action Item 2: Begin looking into algorithms and graphs more complex than ASTs for down the line.

### **3. Project Milestones Discussed**

Research Issues to be finished and closed by Oct 5, 2024.

### **4. Next Steps**

Begin planning implementation of AST-based algorithm for changing code for Sprint 2.

### **5. Next Meeting**

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