Kaiser Permanente Cybersecurity Project – Client Meeting Summary:

**Participants:** Danae O’Connor, Noah Warren, Bailey Hughes, Vuong Tran, Debra Parcheta

**When:** 6:30pm to 7:30pm on 11/2/2023

**Where:** <https://ucdenver.zoom.us/j/9681646314> Meeting ID: 968 164 6314

**Summary:**

All team members were in attendance. Our main area of focus for the meeting was having each team member present their progress on implementing the tactic view. We also discussed shortening our future meeting times due to time constraints.

**Discussions & Details/Conformations:**

We started the meeting by presenting our progress. I went first and detailed my progress with developing a basic bar chart layout using D3. Due to needing to rebuild the visualization every time a change is made to get it to show up in Splunk, I elected to build the skeleton of the tactic view in an online editor so I could see any changes apply in real time. I presented my original design that I created in the online editor, however I was unable to get this version to work with Splunk since the code used D3 version 4, which is not supported in Splunk. As a result, I had to reformat the code to follow the constraints of D3 version 3.5. I also presented this design and its differences from the first iteration before finally showing it running within the Splunk Search and Reporting app.

Bailey presented his progress next. Like myself, he created a version of the tactic view using D3 contained within HTML. He also created a miniature version of the dataset which contained 15 items and displayed this data within this view. Each of the 15 items in the data was represented as a card which displayed the title as well as the technique. The cards were placed into a column based on their associated tactic. Additionally, when dragging the mouse over each item, the visualization would display the full data, including the Title, Tactic, Technique, Technique ID, the description, and the timestamp. Unfortunately, this visualization used D3 version 4, so it will need to be reformatted to work with Splunk. Vuong gave feedback that we should make the text size smaller to make it fit within the cards, as well as that each list of tactics should be further sorted alphabetically by technique.

Finally, Danae presented her progress. She spent most of her time exploring the file structure of the visualization as well as figuring out how Splunk works with D3 to display the visualizations. She explained that each of the basic pieces for building a visualization such as axes were in a folder which was referenced when the user utilizes D3 in order to build the visualization. The developer is then able to provide specifications for building the visualization using these basic building blocks. Additionally, she was able to utilize a tutorial for D3 version 3 to build a basic chart with dummy data and get the chart to show up in Splunk.

We also discussed that for our future meetings, we would be reducing the time of each meeting. An hour will still be allocated in case it is necessary, however, moving forward the format of our meetings will be more like a quick standup meeting, where everyone shares what they have been working on and their progress. We are aiming for these future meetings to be around 10 minutes long.

**Action Items from 10/25:**

Vuong – No actions needed at the moment.

Debra – Review the Requirements Document (No Specific Due Date)

Danae – Continue working on a version of the tactic view and focus on getting the input data to display within the Search and Reporting App. Upload progress to the project GitHub and start thinking about how we will combine our work into a single feature. (Due 11/6)

Noah – Continue working on a version of the tactic view and focus on getting the input data to display within the Search and Reporting App. Upload progress to the project GitHub and start thinking about how we will combine our work into a single feature. (Due 11/6)

Bailey – Continue working on a version of the tactic view and focus on getting the input data to display within the Search and Reporting App. Upload progress to the project GitHub and start thinking about how we will combine our work into a single feature. (Due 11/6)