

SE 491 - sdmay20-58

K8's Checkmate

Week 3 Report

10/31-11/7

Client: Workiva

Faculty Advisor: Julie Rusch

Team Members

| Project Leader | Delivery/Report Manager | Test Engineer | Developer & Researcher |
|-----------------------|--------------------------------|----------------------|-----------------------------------|
| Alex Stevenson | Daniel Brink | Jacob Cram | Sean Sailer John young |

Week 3 Accomplishments

Team:

In coming up with the project, we researched what tech is already out there

Found scout2 and cfn_check

- We decided to take a second look and see if there were any related implementations that we could use for a guide.

We only found AquaSecurity, which a bit out of scope of what we need/of what is useful. Because the project is open source we could possibly integrate it as a plugin after the project is done with in terms of Senior Design.

- Continuing the meetings every week after class to discuss any possible issues
- Met with Julie and came up with a deadline for the minimum deliverables
- Team brainstormed possible methods for developing GUI

Came up with the idea to use a local server like Jupyter Lab does

- Stevenson met with Workiva advisor, outlined the idea for GUI, explained thought process and why

Eric thought it was a good idea and readily agreed to it.

This next week our goal is to discuss different data structures for our project. Also our goal is to keep up the constant researching and experimenting with the languages that we are using

Contributions

| Team Member | Contributions |
|--------------------|---|
| Alex Stevenson | Communicated with Julie about deadlines. Came up with ideas to streamline implementation. Met with Workiva advisor to discuss progress and ideas. |
| Daniel Brink | Kept team up to date on assignments and researched |
| Jacob Cram | Worked with testing for Go |
| Sean Sailer | Worked with different possible ways of GUI |
| John Young | Worked with Sean on different possible ways of GUI |