

SE 491 - sdmay20-58

K8's Checkmate

Week 1 Report

10/13-10/20

Client: Workiva

Faculty Advisor: Julie Rusch

#### Team Members:

Alex Stevenson - Project Leader

Daniel Brink - Delivery Manager/Report Manager

Jacob Cram - Test Engineer

Sean Sailer - Developer & Researcher

John Young - Developer & Researcher

#### Past Week Accomplishments:

- Established Positions -
  - Sat together as a team to determine roles for each member of our group
  - Felt that this meeting was necessary before we started working on developing
- Researched & Learning Go Language -
  - We began our research on the syntax of Go and also Kubernetes
  - We began little experiments with Go in order to understand the language more
  - We also began to research how Kubernetes config files work too
- Selected Agile Work Process
  - We selected the agile work process because of our program will need multiple revisions
  - We felt that Workiva would appreciate multiple demos in order to give helpful and constructive feedback

| Team Member    | Contribution  | Weekly hours | Total Hours |
|----------------|---|--------------|-------------|
| Alex Stevenson | Continues to hold our team accountable on necessary tasks that need to be done.<br>Also communicating with our advisor and director | 8            | 8           |
| Daniel Brink   | Continues to keep report for our team and keep our team up to date on every accomplishment that was made                            | 8            | 8           |
| Jacob Cram     | Continues to research the different ways of testing in Go and also other containerized environment                                  | 8            | 8           |
| Sean Sailer    | Researched more of Go syntax  | 8            | 8           |
| John Young     | Researched more of Go syntax  | 8            | 8           |

#### Future Plans:

- Continue to Research for the Go language
- Start defining uml diagrams for potential prototypes
- Get forms like NDA figured out and signed