SE 491 - sdmay20-58

K8's Checkmate

Week 5 Report

11/16-11/23

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 5 Accomplishments

Team:

- Team did a planning meeting to get on the same page and reorganize tasks
- A few members set up Minikube and Helm to play with the charts
- Doing a lot of research on how Helm charts work and formatted
- Looked at though some of the Helm source code - complex, not exactly intuitive
- YAML parsing was difficult, switched the parser to use the lib created by Kubernetes-sig
- Created a program that parses the Helm `hello-world` charts and extracts some of the data from it still needs work done on it

This next week our goal is to start setting up minikube and working with Helm charts. Also start working with parsing.

Contributions

Team Member	Contributions
Alex Stevenson	Worked with parsing files and getting POC running.
Daniel Brink	Helped with out planning on reorganizing tasks
Jacob Cram	Helped with out planning on reorganizing tasks
Sean Sailer	Worked with John on Minikube
John Young	Played around with helm charts and Mini kube