Name Space
sre-challenge

Chaos Engineering

- Kill 1 pod randomly every 5 minutes, document results

Deliverables

- Git Repo
- Document of setup and challenges faced
- Screenshots of dashboard

Health Check

Redis Cache Service

- Biggest unknown as I have not setup a Redis Cache in k8s before, will require research

Services must be able to talk to each other

Auto scaling based on CPU usage, can test with "stress" command

Health Check

Node API Service

- Simple Node API with one or two "hello world" endpoints
- Prometheus Client Lib

Services must be able to talk to each other

Health Check

Prometheus Monitoring Service

- Custom metric to collect API response times

Grafana Dashboard