

Release notes – Sprint 5

Sprint goals

- Finish K8s container orchestration of my microservices (high priority, slow execution)
- Setup load balancing (high priority, slow execution)
- Setup automatic horizontal scaling (high priority, slow execution)
- Run a performance test on the APIs to test scalability and stability.(high priority, quick execution)
- Add Cypress end-to-end testing (low priority, quick execution)
- Add OWASP ZAP security scanning and/or do manual pentests (low priority, quick execution)
- Configure safe secret handling into Kubernetes. (high priority, quick execution)
- Include Cypress and OWASP ZAP automation in the pipeline (low priority, quick execution)
- Automate the deployment of the application in the ci/cd pipeline or at least deploy it manually (high priority, quick execution)
- Handle monitoring of the Kubernetes cluster (high priority quick execution)
- Alerting in Google Cloud
- Add “delete account” capability. (high priority, quick execution)
- Add “terms of service” page (high priority, quick execution)

Sprint achievements

- Finish K8s container orchestration of my microservices (high priority, slow execution)
- Setup load balancing (high priority, slow execution)
- Setup automatic horizontal scaling (high priority, slow execution)
- Run a performance test on the APIs to test scalability and stability.(high priority, quick execution)
- Add OWASP ZAP security scanning and/or do manual pentests (low priority, quick execution)
- Configure safe secret handling into Kubernetes. (high priority, quick execution)
- Include OWASP ZAP automation in the pipeline (low priority, quick execution)
- Automate the deployment of the application in the ci/cd pipeline (high priority, quick execution)
- Handle monitoring of the Kubernetes cluster (high priority quick execution)
- Alerting in Google Cloud

Link to project management tool

[Trello board](#)

Code repositories

<https://github.com/canko97/woa-app> - public GitHub repository

Sprint Retrospective

- Despite this sprint being only 2 weeks it was the most proactive sprint I've had when it comes to the personal project.
- Wish I had left myself more time to document everything better.