**PE08: Programming Exercise**

In this Programming exercise, we used Minikube to create a virtual environment on the local laptop with a single node. We investigated how to set up Kubernetes local development with some configurations, such as setting the namespace, nodes, pods, services, and pipeline. We used our own docker image.

Screenshots

* Update PE config to match requirements including the app port and namespace

A screenshot of a computer program

Description automatically generated

* Launch the app in the docker

A screenshot of a computer

Description automatically generated

* Push the image to the docker

A screenshot of a computer

Description automatically generated

* Launch the app with Kubernetes

A screenshot of a web browser

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* Look at the dashboard pods usage with the configured namespace

A screenshot of a computer

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