SIT323/SIT737- Cloud Native Application Development Interacting with Kubernetes

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Overview
Part I- for both SIT323/737

In this task you will continue your 7.1P task in a way to interact more with your created cluster through the Kubernetes dashboard.

The required tools for doing this task are as follows:
- Git (https://github.com)
- Visual Studio (https://code.visualstudio.com/)
- Node.js (https://nodejs.org/en/download/)
- Docker
- Kubernetes // a computing platform to host your microservice
- Kubectl   // the command-line tool for interacting with Kubernetes cluster

Instructions
Interact with the Deployed Application:
- Verify that the application is running by running kubectl get pods and kubectl get services
- Use the kubectl port-forward command to forward traffic from a local port to the Kubernetes service
- Access the application in a web browser by navigating to localhost:<local port>

Submission Details
- You can share your deliverables for this task through a GitHub repository, which can include the Dockerfile, Kubernetes deployment and service configuration files, and any other necessary files (https://github.com/username/ sit323/737-2024-t1-prac7c).
- Ensure that detailed documentation is included with your code, offering step-by-step instructions that explain the process undertaken for this part. Failure to provide this documentation will result in an incomplete mark for the task.