Cloud Computing and Big Data Systems - Fall 2023 Assignment 2

Part 2: Containerizing the Application on Docker:



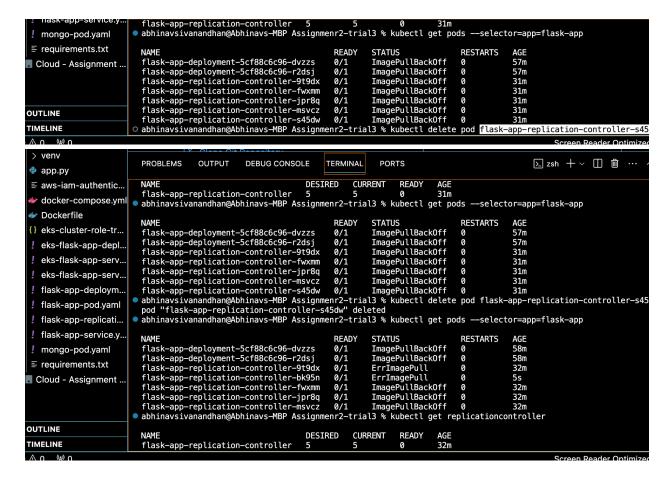
Part 3: Deploying the Application on Minikube:



Part 4: Deploying the Application on AWS EK

Part 5: Replication controller feature:





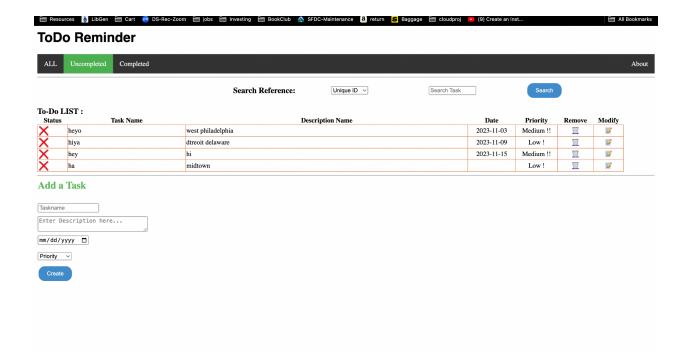
Part 6: Rolling update strategy:



Part 7: Health monitoring:



Step 8: Alerting (Extra Credit 20 Points):



Submission Requirements

- Dockerfile for the application this is the file that defines the Docker image for the application.
- Kubernetes configuration files for the application deployment and service
 these files specify how the application should be deployed and made available on Kubernetes.

•	Document explaining the steps followed to complete the assignment - this should include screenshots of the application running on Minikube and AWS EKS					

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