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DevOps Project

PHASE 3 | Task 2

**Kubernetes Deployment Report**

# **Requirements**

* A running Kubernetes cluster.
* Helm installed on your local machine.

# **Project Organization**

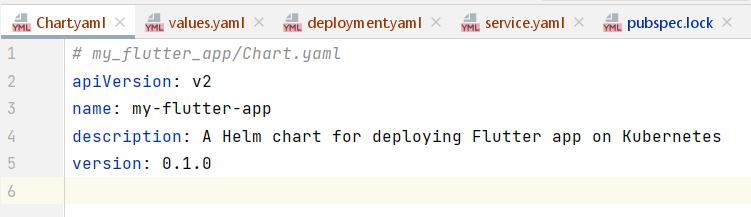
Organized my Flutter project and Helm chart directory in the following way:

A screenshot of a computer

Description automatically generated

# **Helm Chart Setup**

Created a Chart.yaml file for metadata.



**Values.yaml**

**A screenshot of a computer program

Description automatically generated**

# **Deployment and Service Definition**

Created a deployment.yaml file.



**Service.yaml file**

**A screenshot of a computer

Description automatically generated**

# **Install Helm Chart**

Installed the helm chart by using following command:

‘helm install my-flutter-app .’

# Verify Deployment

I used following commands to verify deployment:

‘kubectl get pods’

‘kubectl get services’