

```
PROM mysql:5.7
WORKDIR var/lib/mysql
ENV MYSQL_ROOT_PASSWORD=Senha123
ENV MYSQL_DATABASE=meubanco
ADD sqlscript.sql /docker-entrypoint-initdb.d
EXPOSE 3306
```

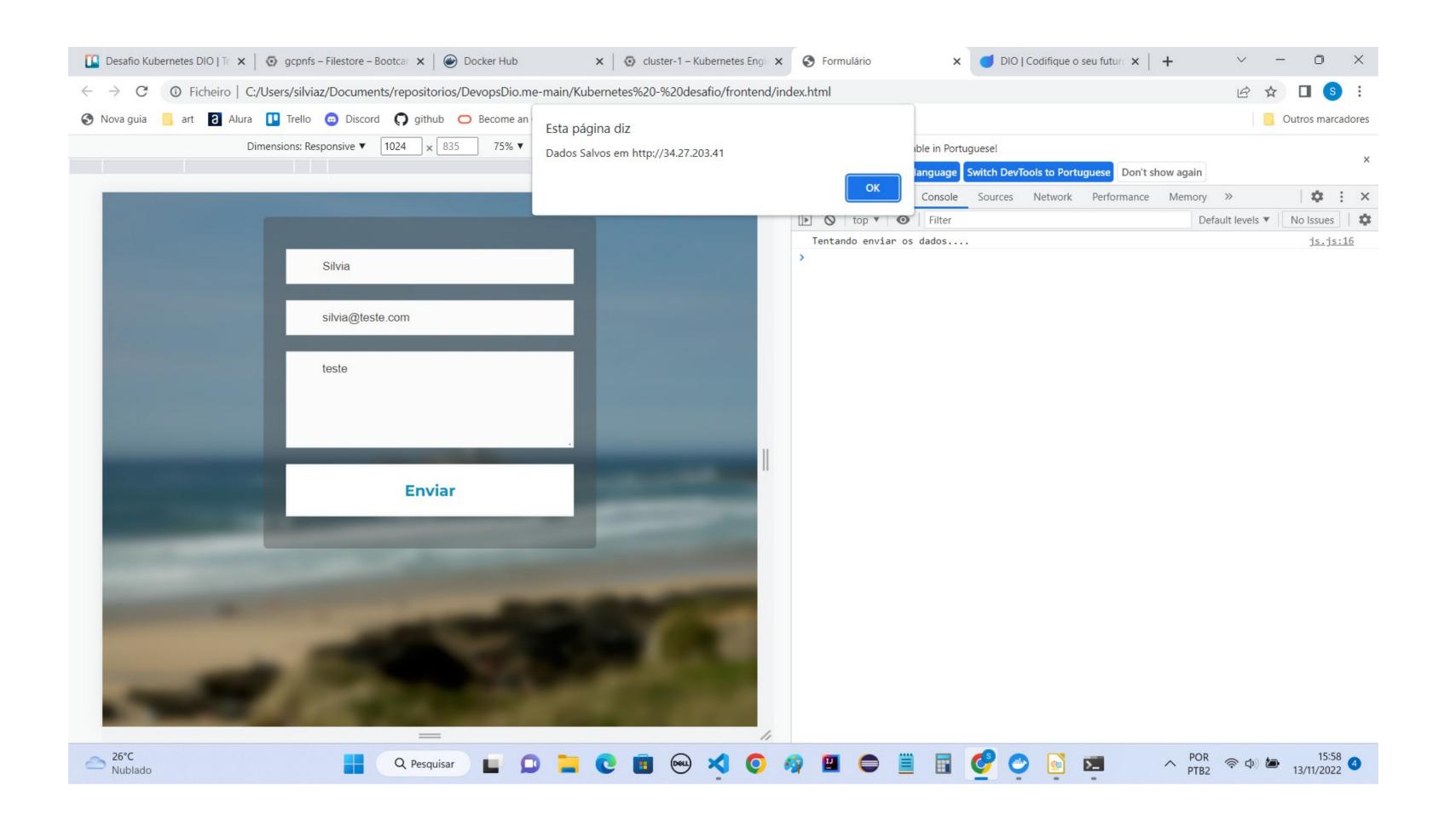
```
CREATE TABLE mensagens (
id int,
nome varchar(50),
email varchar(50),
comentario varchar(100)
);

INSERT INTO mensagens (id, nome, email,
comentario) VALUES (1,"Teste de
usuario","usuario@teste.com","primeiro teste");
```

```
Services.yml:
apiVersion: v1
kind: Service
metadata:
 name: php
spec:
 selector:
  app: php
 ports:
  - port: 80
   targetPort: 80
 type: LoadBalancer
apiVersion: v1
kind: Service
metadata:
 name: mysql-connection
spec:
 ports:
  - port: 3306
 selector:
  app: mysql
 clusterIP: None
```

```
Dbasedeploy.yml:
# Deployment do banco de dados
apiVersion: apps/v1
kind: Deployment
metadata:
 name: mysql
spec:
 selector:
  matchLabels:
   app: mysql
 template:
  metadata:
   labels:
    app: mysql
  spec:
   containers:
   - image: szalbuque/dbase:1.0
    args:
    - "--ignore-db-dir=lost+found"
    imagePullPolicy: Always
    name: mysql
     ports:
     - containerPort: 3306
     name: mysql
    volumeMounts:
    - name: mysql-dados
     mountPath: /var/lib/mysql
   volumes:
   - name: mysql-dados
    persistentVolumeClaim:
     claimName: mysql-dados
```

C:\Users\silviaz\AppData\Local\Google\Cloud SDK>kubectl get pv NAME CAPACITY ACCESS MODES RECLAIM POLICY STATUS CLAIM STORAGECLASS REASON AGE fileserver 1T Bound default/mysql-dados RWX Retain 126m C:\Users\silviaz\AppData\Local\Google\Cloud SDK>kubectl get pvc STATUS VOLUME CAPACITY ACCESS MODES STORAGECLASS AGE mysql-dados Bound fileserver 1T RWX 121m C:\Users\silviaz\AppData\Local\Google\Cloud SDK>kubectl get service NAME CLUSTER-IP EXTERNAL-IP PORT(S) TYPE AGE ClusterIP 10.8.0.1 <none> 443/TCP kubernetes 4h39m mysql-connection ClusterIP None 3306/TCP <none> 43m LoadBalancer 10.8.3.70 34.27.203.41 80:32196/TCP 43m php C:\Users\silviaz\AppData\Local\Google\Cloud SDK>kubectl get pods NAME READY STATUS RESTARTS AGE mysql-66c98c47d-4dm7p 1/1 Running 0 42m php-5f849ff668-5wqbn 1/1 Running 0 41m php-5f849ff668-cbmrt 1/1 Running 0 41m php-5f849ff668-rrss7 1/1 Running 0 41m php-5f849ff668-vf822 1/1 Running 0 41m php-5f849ff668-w9wc8 1/1 Running 0 41m php-5f849ff668-zlll9 1/1 Running 0 41m



C:\Users\silviaz\AppData\Local\Google\Cloud SDK>kubectl exec --tty --stdin mysql-66c98c47d-4dm7p /bin/bash kubectl exec [POD] [COMMAND] is DEPRECATED and will be removed in a future version. Use kubectl exec [POD] -- [COMMAND] instead. bash-4.2# mysql -u root -p Enter password: Welcome to the MySQL monitor. Commands end with; or \g. Your MySQL connection id is 4 Server version: 5.7.40 MySQL Community Server (GPL) Copyright (c) 2000, 2022, Oracle and/or its affiliates. Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners. Type 'help;' or '\h' for help. Type '\c' to clear the current input statement. mysql> use meubanco; Reading table information for completion of table and column names You can turn off this feature to get a quicker startup with -A Database changed mysql> select \* from mensagens; | email id | nome | comentario Só mostra o registro inicial que criei com o script 1 | Teste de usuario | usuario@teste.com | primeiro teste | de criação do banco de dados. +----+

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