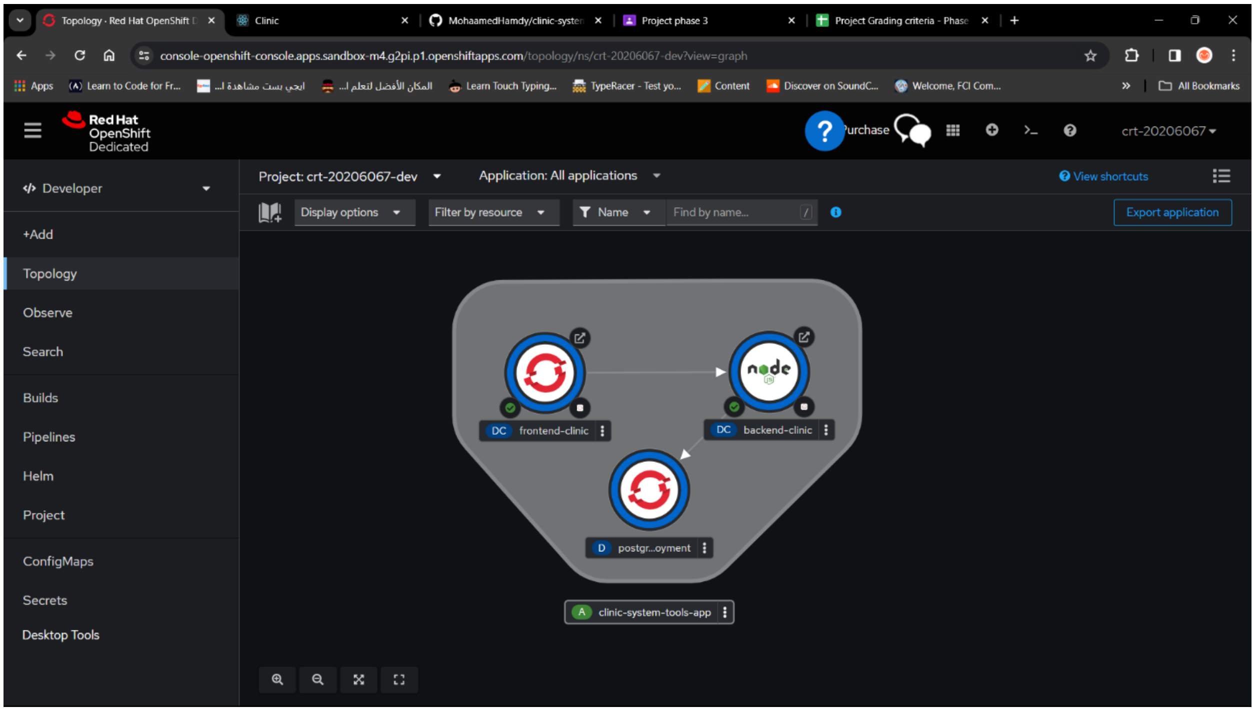
Phase 3

Screenshot of infrastructure and connections between layers

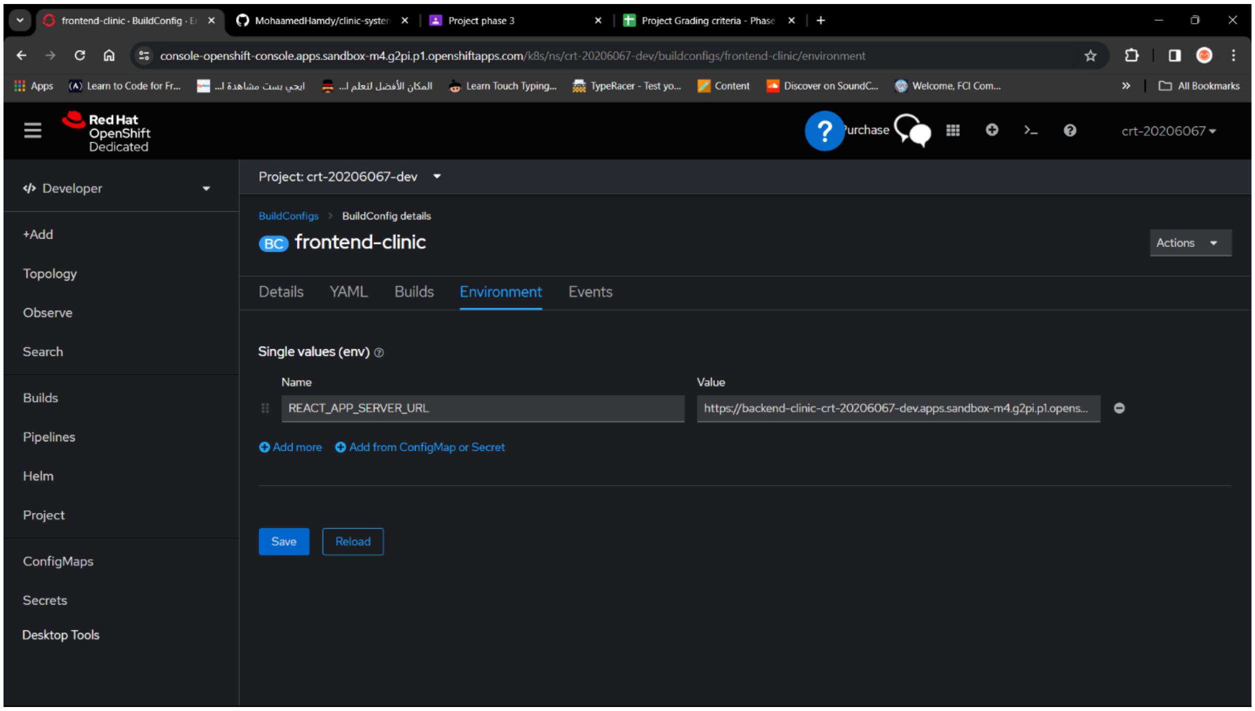


console-openshift-console.apps.sandbox-m4.g2pi.p1.openshiftapps.com/topology/ns/crt-20206067-dev?view=graph

Project: crt-20206067-dev

Application: All applications

Environments inside frontend (URL of backend pod)



console-openshift-console.apps.sandbox-m4.g2pi.p1.openshiftapps.com/k8s/ns/crt-20206067-dev/buildconfigs/frontend-clinic/environment

Project: crt-20206067-dev

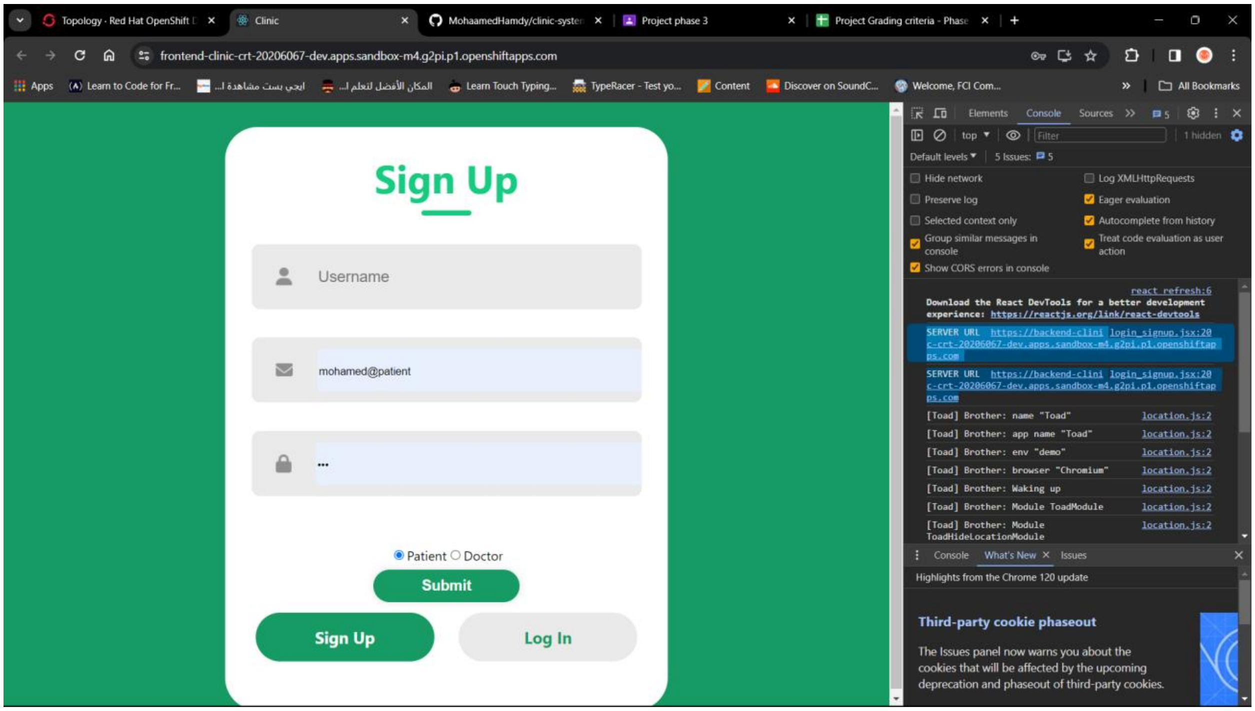
BuildConfigs > BuildConfig details

BC frontend-clinic

Single values (env)

Name	Value
REACT_APP_SERVER_URL	https://backend-clinic-crt-20206067-dev.apps.sandbox-m4.g2pi.p1.opens...

Printing the URL in the console:



frontend-clinic-crt-20206067-dev.apps.sandbox-m4.g2pi.p1.openshiftapps.com

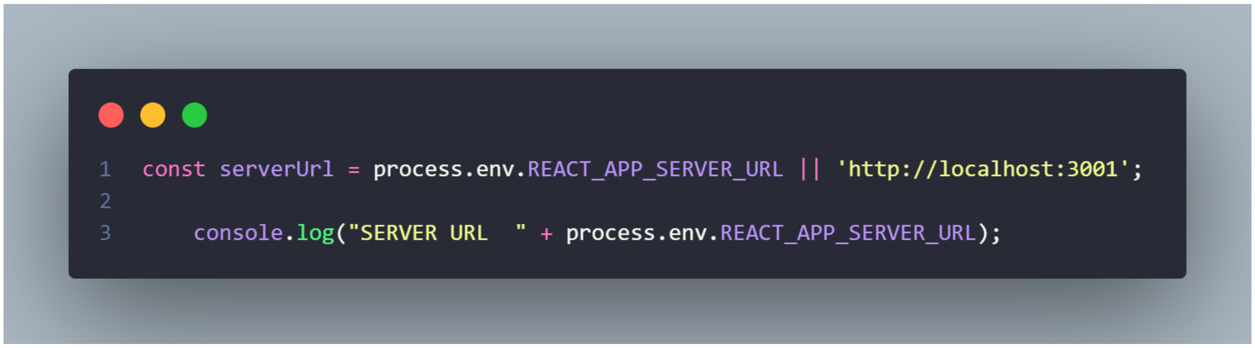
```
Download the React DevTools for a better development      react_refresh:6
experience: https://reactjs.org/link/react-devtools
SERVER URL  https://backend-clinic-crt-20206067-dev.apps.sandbox-m4.g2pi.p1.openshiftapps.com      login_signup.jsx:20
SERVER URL  https://backend-clinic-crt-20206067-dev.apps.sandbox-m4.g2pi.p1.openshiftapps.com      login_signup.jsx:20
[Toad] Brother: name "Toad"                    location.js:2
[Toad] Brother: app name "Toad"                location.js:2
[Toad] Brother: env "demo"                     location.js:2
[Toad] Brother: browser "Chromium"             location.js:2
[Toad] Brother: Waking up                      location.js:2
[Toad] Brother: Module ToadModule              location.js:2
[Toad] Brother: Module                         location.js:2
ToadHideLocationModule
```

□ Hide network
□ Preserve log
□ Selected context only
☑ Group similar messages in console
☑ Show CORS errors in console
□ Log XMLHttpRequests
☑ Eager evaluation
☑ Autocomplete from history
☑ Treat code evaluation as user action

Highlights from the Chrome 120 update

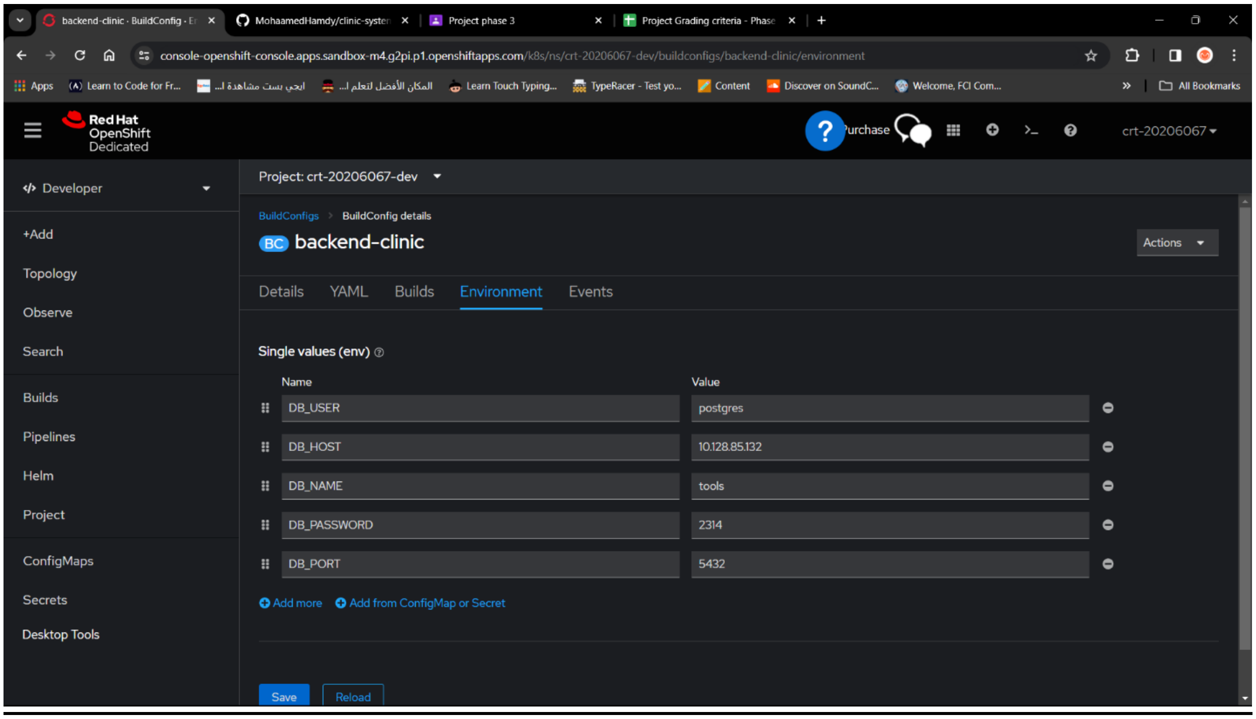
Third-party cookie phaseout

The Issues panel now warns you about the cookies that will be affected by the upcoming deprecation and phaseout of third-party cookies.



```
const serverUrl = process.env.REACT_APP_SERVER_URL || 'http://localhost:3001';

    console.log("SERVER URL  " + process.env.REACT_APP_SERVER_URL);
```

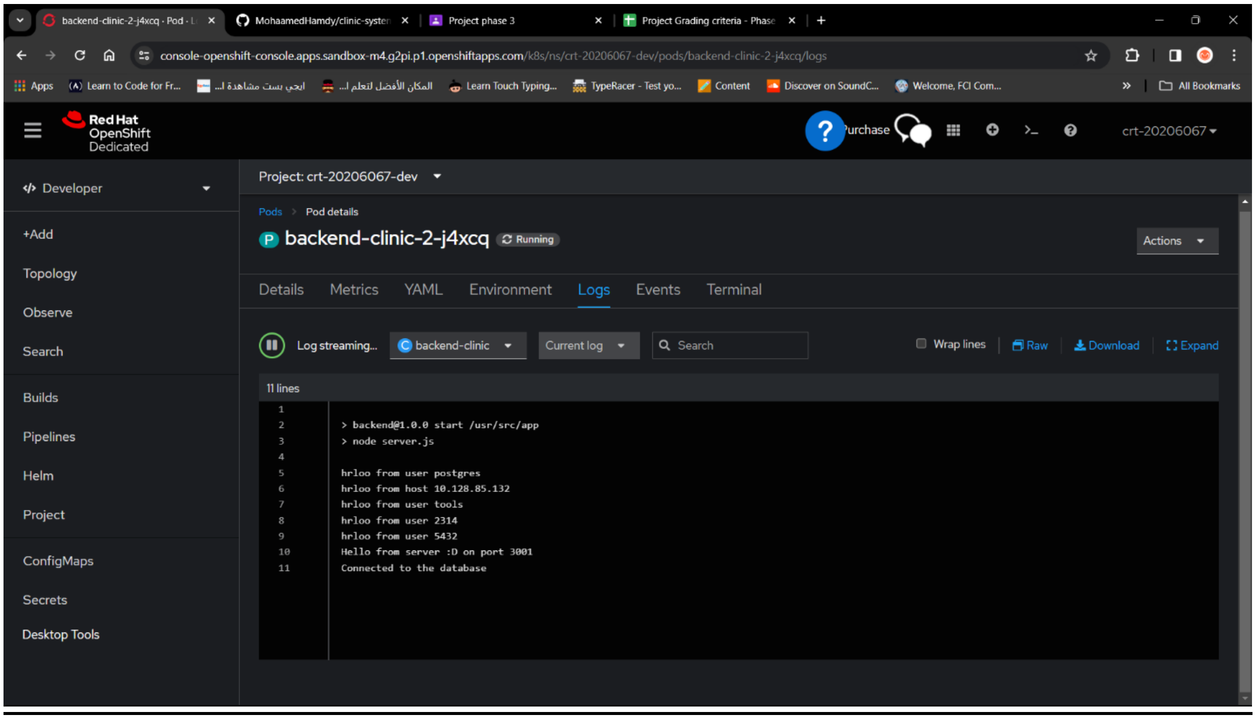
Environments inside backend (DB_HOST is database pod Ip address)


console-openshift-console.apps.sandbox-m4.g2pi.p1.openshiftapps.com/k8s/ns/crt-20206067-dev/buildconfigs/backend-clinic/environment
Red Hat OpenShift Dedicated
Developer
+Add
Topology
Observe
Search
Builds
Pipelines
Helm
Project
ConfigMaps
Secrets
Desktop Tools
Project: crt-20206067-dev
BuildConfigs > BuildConfig details
BC backend-clinic
Actions
Details
YAML
Builds
Environment
Events
Add more
Add from ConfigMap or Secret
Save
Reload

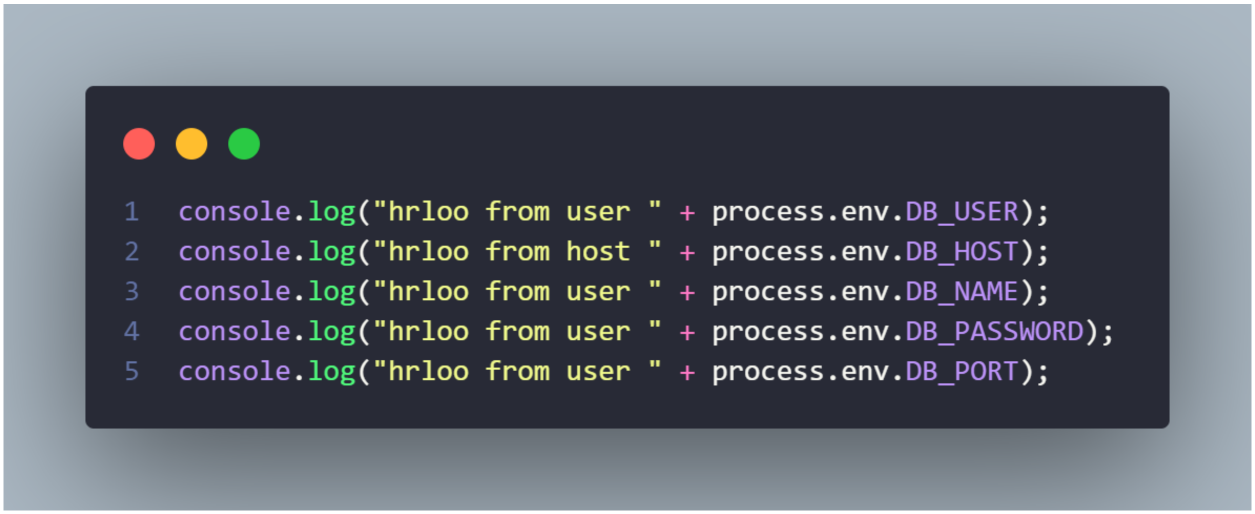
Single values (env)

Name	Value
DB_USER	postgres
DB_HOST	10.128.85.132
DB_NAME	tools
DB_PASSWORD	2314
DB_PORT	5432

Printing the environment variables in console



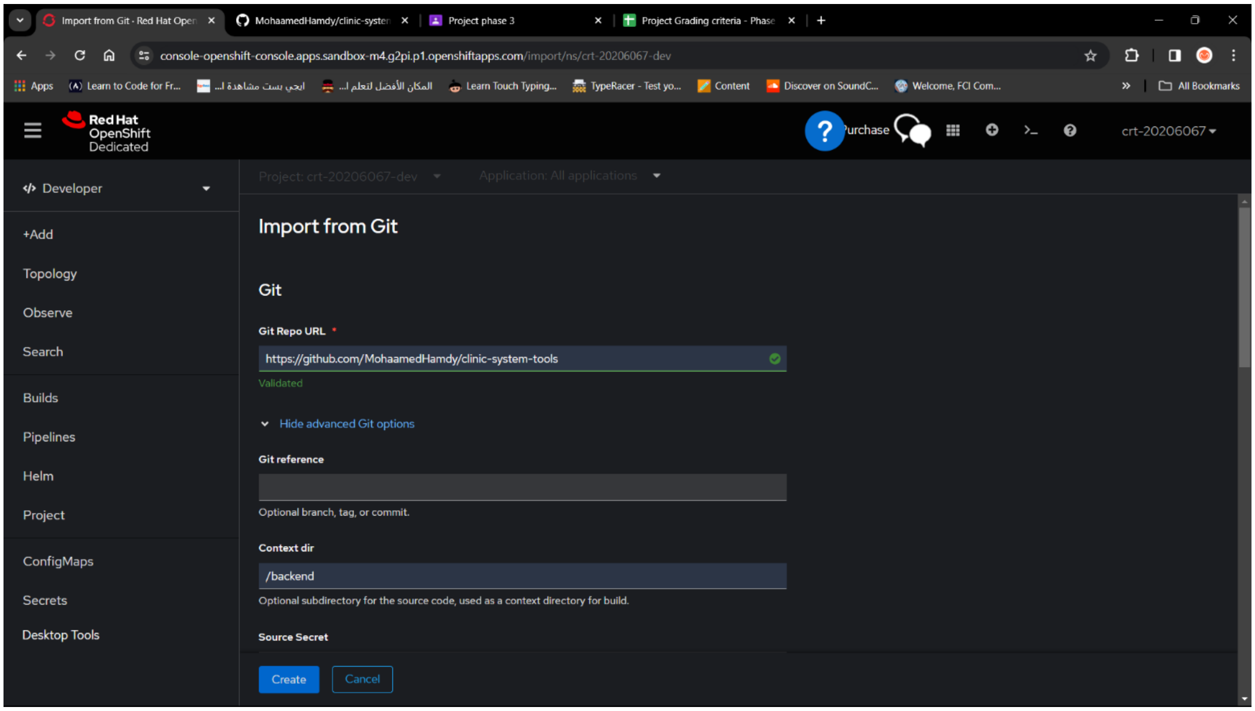
```

> backend@1.0.0 start /usr/src/app
> node server.js

hrloo from user postgres
hrloo from host 10.128.85.132
hrloo from user tools
hrloo from user 2314
hrloo from user 5432
Hello from server :D on port 3001
Connected to the database
```



```
console.log("hrloo from user " + process.env.DB_USER);
console.log("hrloo from host " + process.env.DB_HOST);
console.log("hrloo from user " + process.env.DB_NAME);
console.log("hrloo from user " + process.env.DB_PASSWORD);
console.log("hrloo from user " + process.env.DB_PORT);
```

Full screen shot of OpenShift website that shows the GitHub repo URL used in deployment:

(backend):



console-openshift-console.apps.sandbox-m4.g2pi.p1.openshiftapps.com/import/ns/crt-20206067-dev

Project: crt-20206067-dev

Application: All applications

Import from Git

Git

Git Repo URL *

https://github.com/MohaamedHamdy/clinic-system-tools

Validated

Git reference

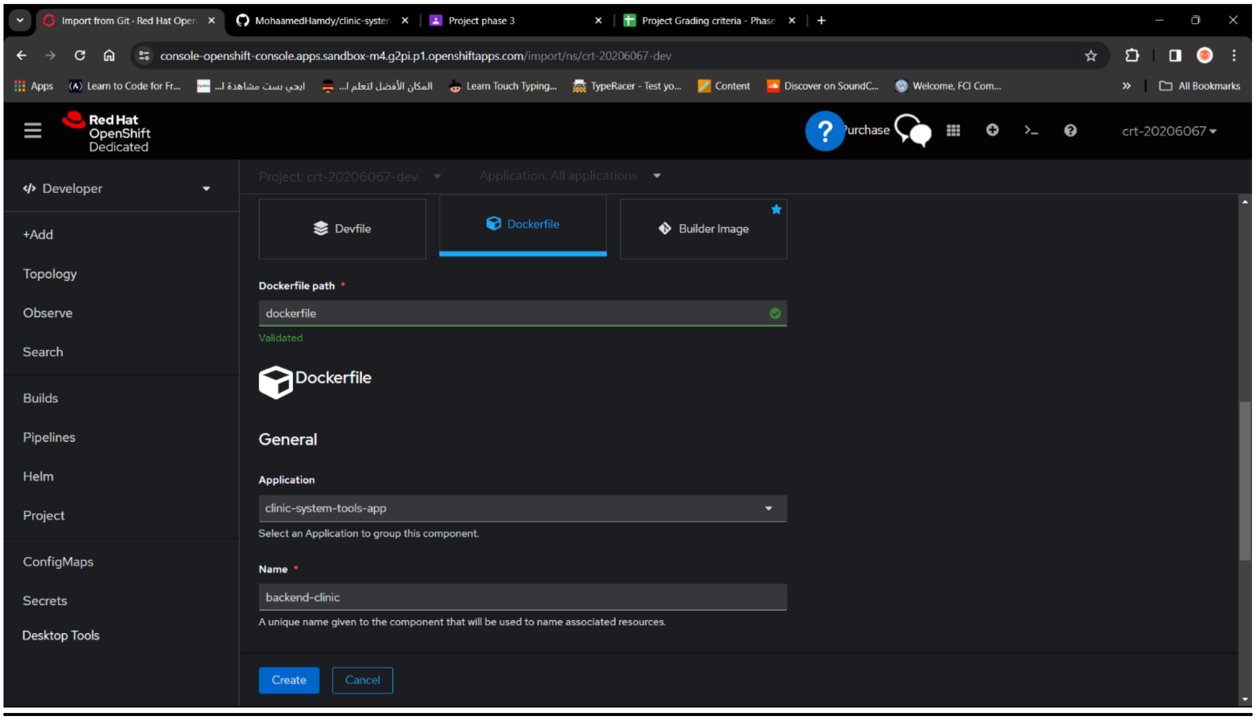
Optional branch, tag, or commit.

Context dir

/backend

Optional subdirectory for the source code, used as a context directory for build.

Source Secret



Dockerfile path *

dockerfile

Validated

Dockerfile

General

Application

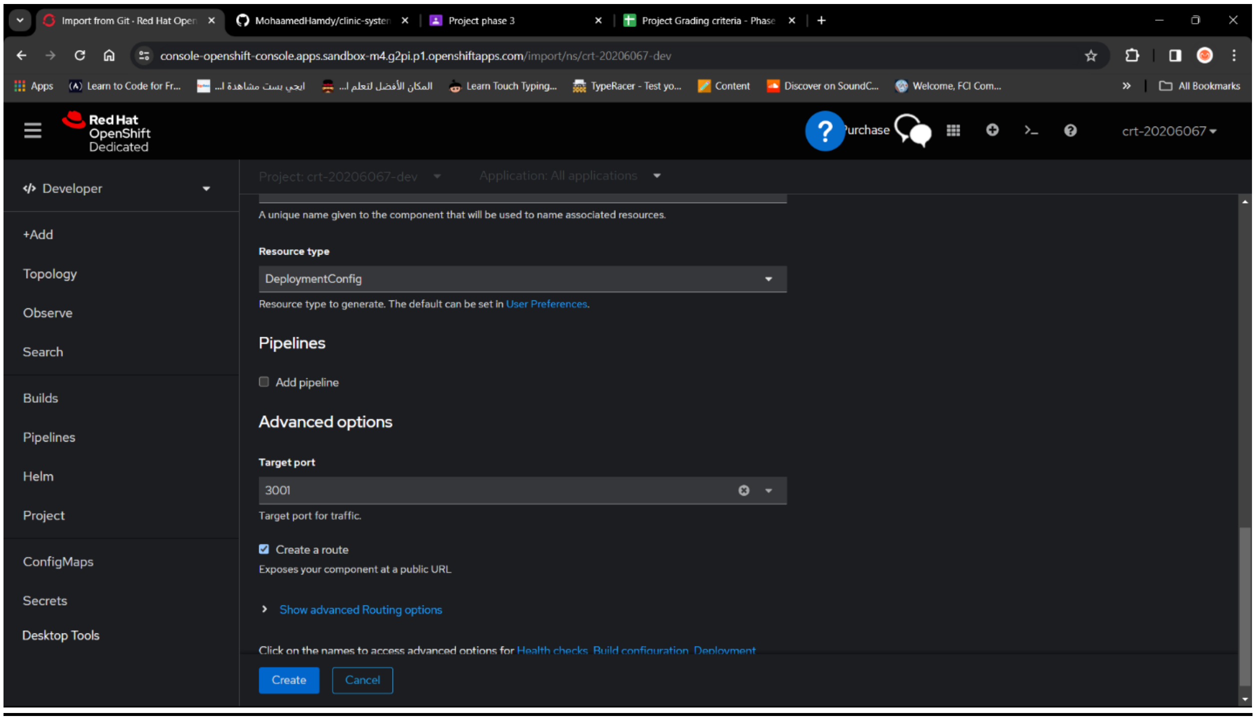
clinic-system-tools-app

Select an Application to group this component.

Name *

backend-clinic

A unique name given to the component that will be used to name associated resources.



A unique name given to the component that will be used to name associated resources.

Resource type

DeploymentConfig

Resource type to generate. The default can be set in User Preferences.

Pipelines

☐ Add pipeline

Advanced options

Target port

3001

Target port for traffic.

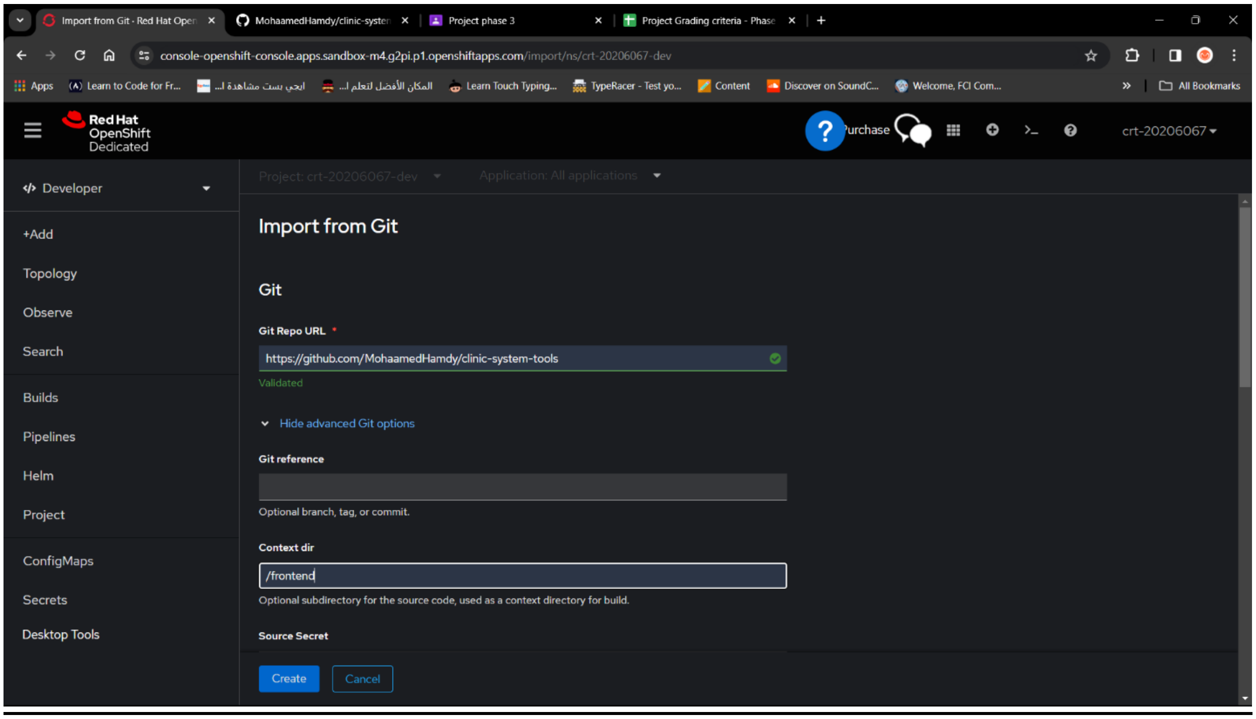
☑ Create a route

Exposes your component at a public URL

› Show advanced Routing options

Click on the names to access advanced options for Health checks, Build configuration, Deployment

(Frontend):


Import from Git · Red Hat Open
MohaamedHamdy/clinic-system
Project phase 3
Project Grading criteria - Phase
console-openshift-console.apps.sandbox-m4.g2pi.p1.openshiftapps.com/import/ns/crt-20206067-dev
Red Hat OpenShift Dedicated
Purchase
crt-20206067
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ConfigMaps
Secrets
Desktop Tools
Project: crt-20206067-dev
Application: All applications

Import from Git

Git

Git Repo URL *

https://github.com/MohaamedHamdy/clinic-system-tools

Validated

Hide advanced Git options

Git reference

Optional branch, tag, or commit.

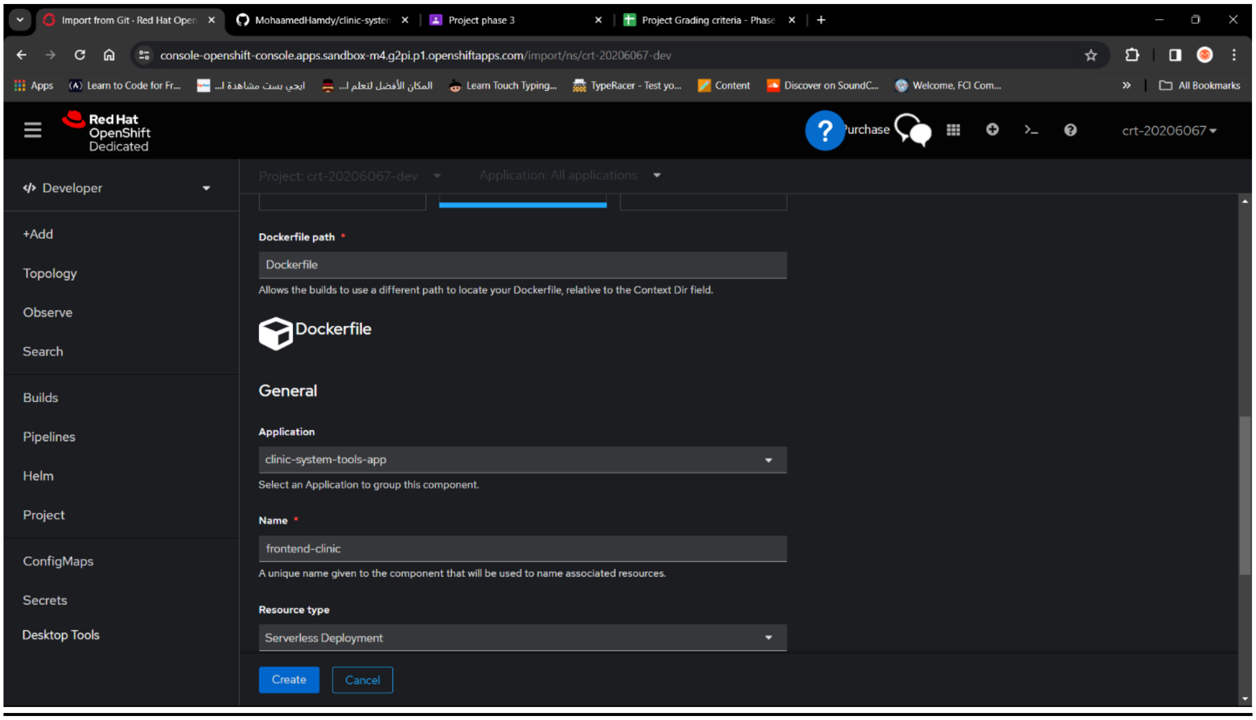
Context dir

/frontend

Optional subdirectory for the source code, used as a context directory for build.

Source Secret

Create Cancel


Import from Git · Red Hat Open
MohaamedHamdy/clinic-system
Project phase 3
Project Grading criteria - Phase
console-openshift-console.apps.sandbox-m4.g2pi.p1.openshiftapps.com/import/ns/crt-20206067-dev
Red Hat OpenShift Dedicated
Purchase
crt-20206067
Developer
+Add
Topology
Observe
Search
Builds
Pipelines
Helm
Project
ConfigMaps
Secrets
Desktop Tools
Project: crt-20206067-dev
Application: All applications

Dockerfile path *

Dockerfile

Allows the builds to use a different path to locate your Dockerfile, relative to the Context Dir field.

Dockerfile

General

Application

clinic-system-tools-app

Select an Application to group this component.

Name *

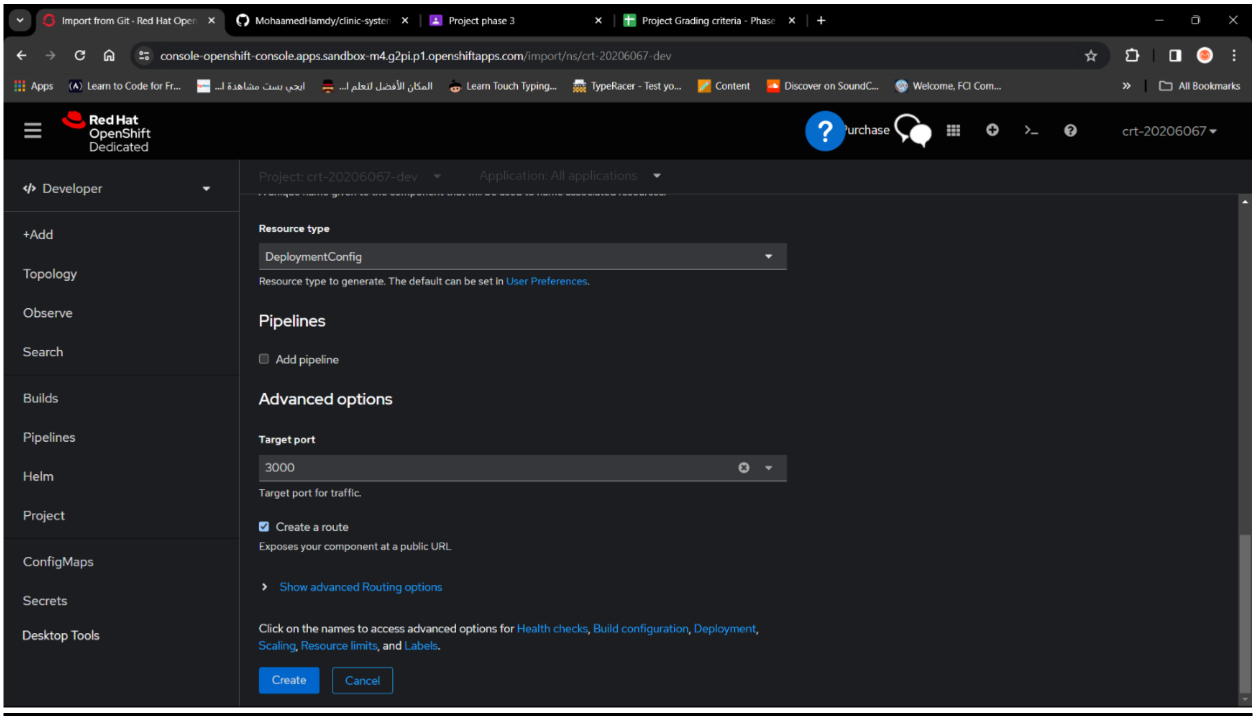
frontend-clinic

A unique name given to the component that will be used to name associated resources.

Resource type

Serverless Deployment

Create Cancel


Import from Git · Red Hat Open
MohaamedHamdy/clinic-system
Project phase 3
Project Grading criteria - Phase
console-openshift-console.apps.sandbox-m4.g2pi.p1.openshiftapps.com/import/ns/crt-20206067-dev
Red Hat OpenShift Dedicated
Purchase
crt-20206067
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Helm
Project
ConfigMaps
Secrets
Desktop Tools
Project: crt-20206067-dev
Application: All applications

A unique name given to the component that will be used to name associated resources.

Resource type

DeploymentConfig

Resource type to generate. The default can be set in User Preferences.

Pipelines

□ Add pipeline

Advanced options

Target port

3000

Target port for traffic.

☑ Create a route

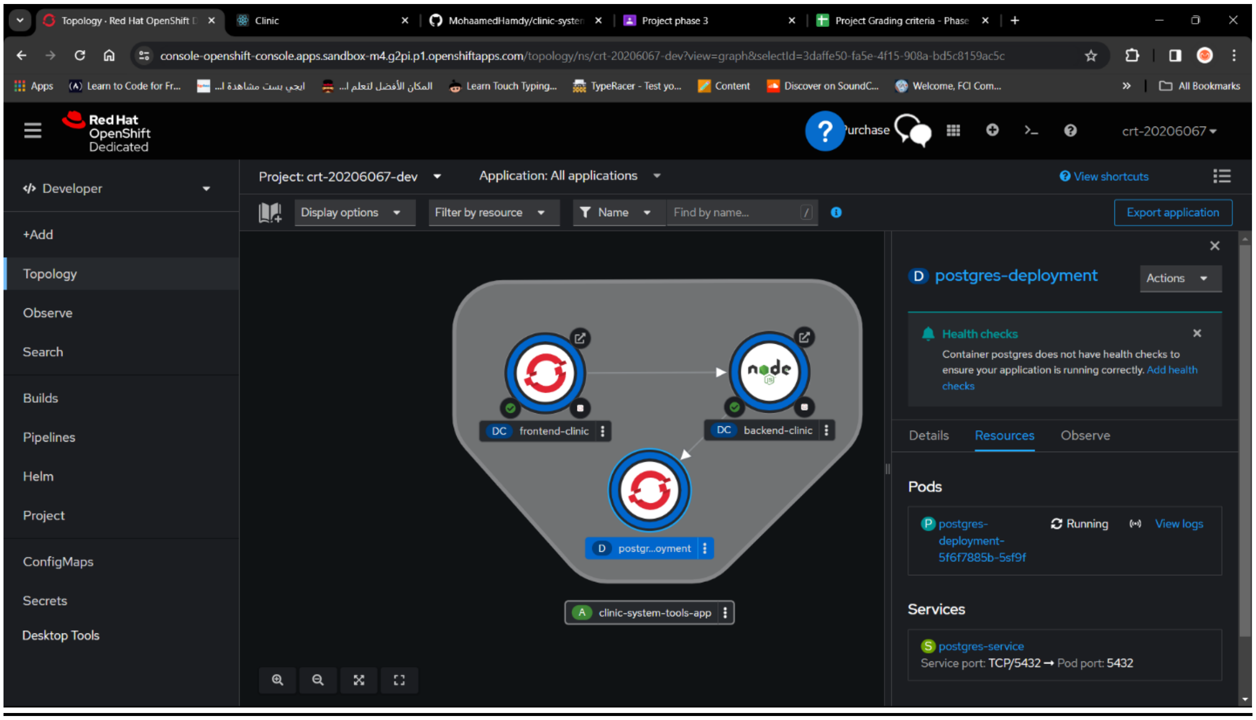
Exposes your component at a public URL

Show advanced Routing options

Click on the names to access advanced options for Health checks, Build configuration, Deployment, Scaling, Resource limits, and Labels.

Create Cancel

(Database => done by openshift-cli after making image for it and pushing it into dockerhub then oc apply the yaml file):


Topology · Red Hat OpenShift D
Clinic
MohaamedHamdy/clinic-system
Project phase 3
Project Grading criteria - Phase
console-openshift-console.apps.sandbox-m4.g2pi.p1.openshiftapps.com/topology/ns/crt-20206067-dev?view=graph&selectId=3daffe50-fa5e-4f15-908a-bd5c8159ac5c
Red Hat OpenShift Dedicated
Purchase
crt-20206067
Developer
+Add
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Search
Builds
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Helm
Project
ConfigMaps
Secrets
Desktop Tools
Project: crt-20206067-dev
Application: All applications
View shortcuts
Display options
Filter by resource
Name
Find by name...
Export application
DC frontend-clinic
DC backend-clinic
D postgr...oyment
A clinic-system-tools-app
Actions
Details
Resources
Observe

D postgres-deployment

Health checks

Container postgres does not have health checks to ensure your application is running correctly. Add health checks

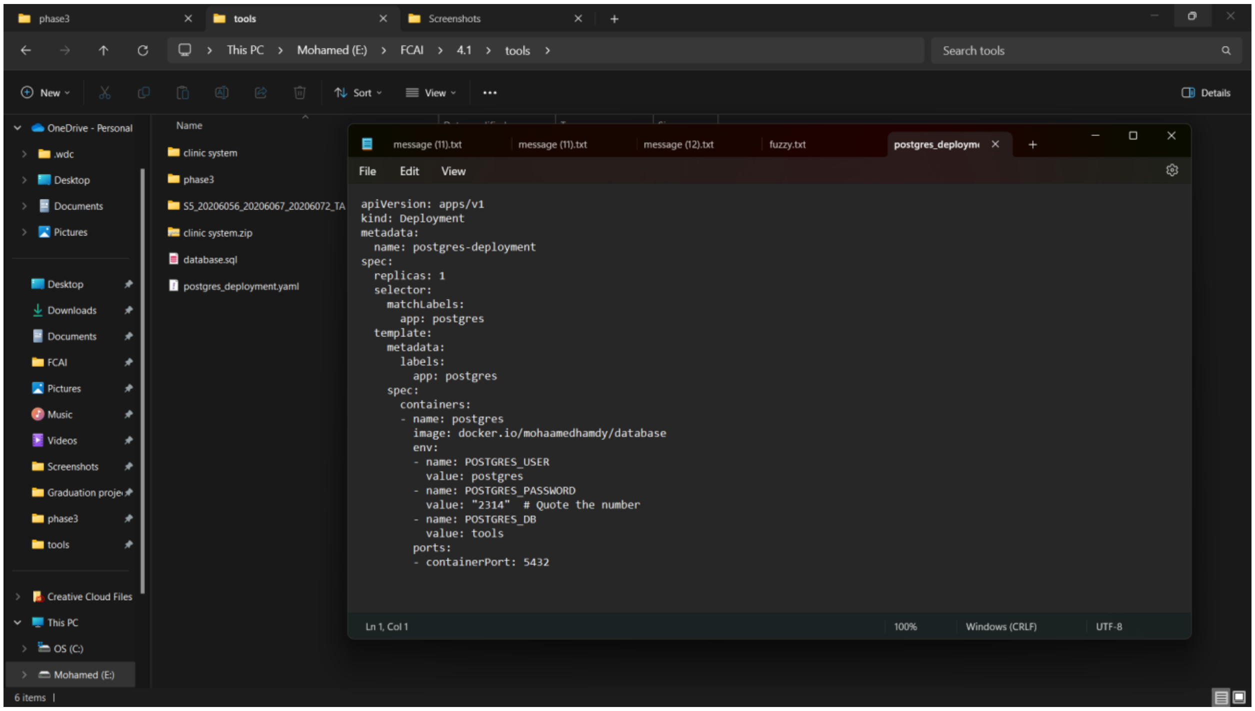
Pods

P postgres-deployment-5f6f7885b-5sf9f Running View logs

Services

S postgres-service

Service port: TCP/5432 → Pod port: 5432



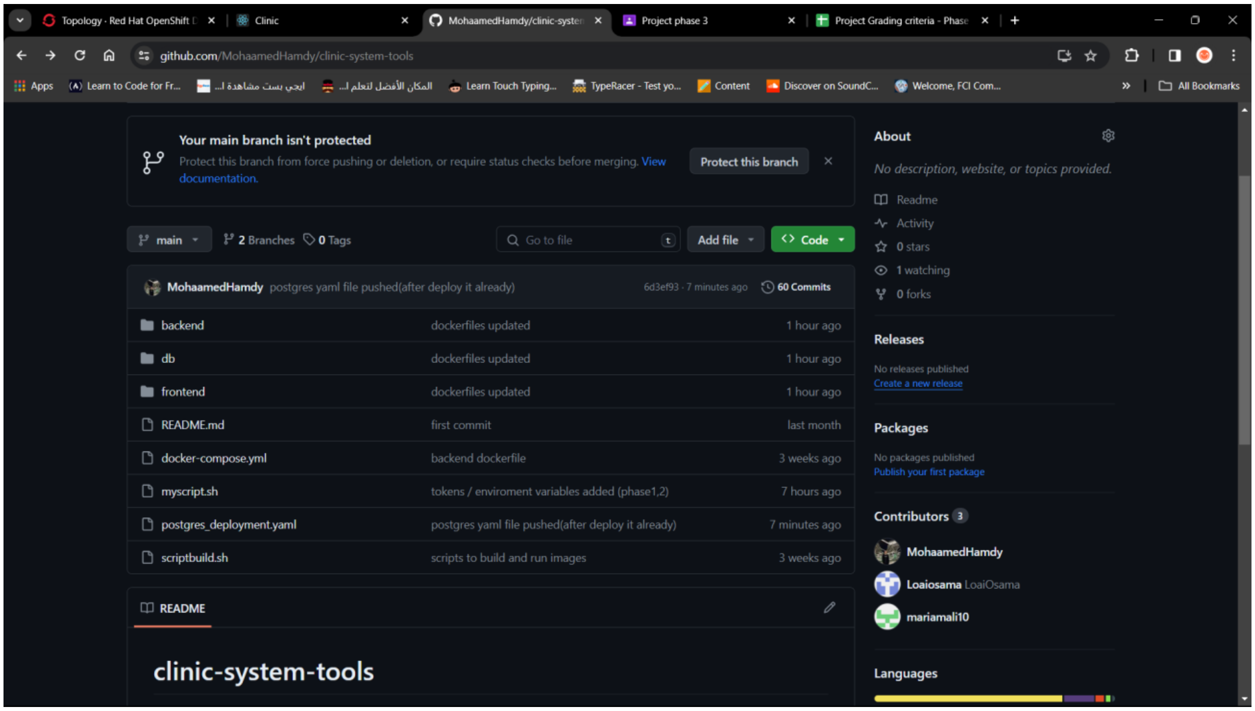
clinic system
phase3
S5_20206056_20206067_20206072_TA
clinic system.zip
database.sql
postgres_deployment.yaml

```
apiVersion: apps/v1
kind: Deployment
metadata:
  name: postgres-deployment
spec:
  replicas: 1
  selector:
    matchLabels:
      app: postgres
  template:
    metadata:
      labels:
        app: postgres
    spec:
      containers:
      - name: postgres
        image: docker.io/mohaamedhamdy/database
        env:
        - name: POSTGRES_USER
          value: postgres
        - name: POSTGRES_PASSWORD
          value: "2314"  # Quote the number
        - name: POSTGRES_DB
          value: tools
        ports:
        - containerPort: 5432
```

Ln 1, Col 1   100%   Windows (CRLF)   UTF-8

(GitHub):

https://github.com/MohaamedHamdy/clinic-system-tools



Your main branch isn't protected

Protect this branch from force pushing or deletion, or require status checks before merging. View documentation.

MohaamedHamdy postgres yaml file pushed(after deploy it already) 6d3ef93 · 7 minutes ago 60 Commits

backend	dockerfiles updated	1 hour ago
db	dockerfiles updated	1 hour ago
frontend	dockerfiles updated	1 hour ago
README.md	first commit	last month
docker-compose.yml	backend dockerfile	3 weeks ago
myscript.sh	tokens / enviroment variables added (phase1,2)	7 hours ago
postgres_deployment.yaml	postgres yaml file pushed(after deploy it already)	7 minutes ago
scriptbuild.sh	scripts to build and run images	3 weeks ago

clinic-system-tools

About

No description, website, or topics provided.

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Activity
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1 watching
0 forks

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No releases published
Create a new release

Packages

No packages published
Publish your first package

Contributors 3

MohaamedHamdy
Loaiosama LoaiOsama
mariamali10

Languages