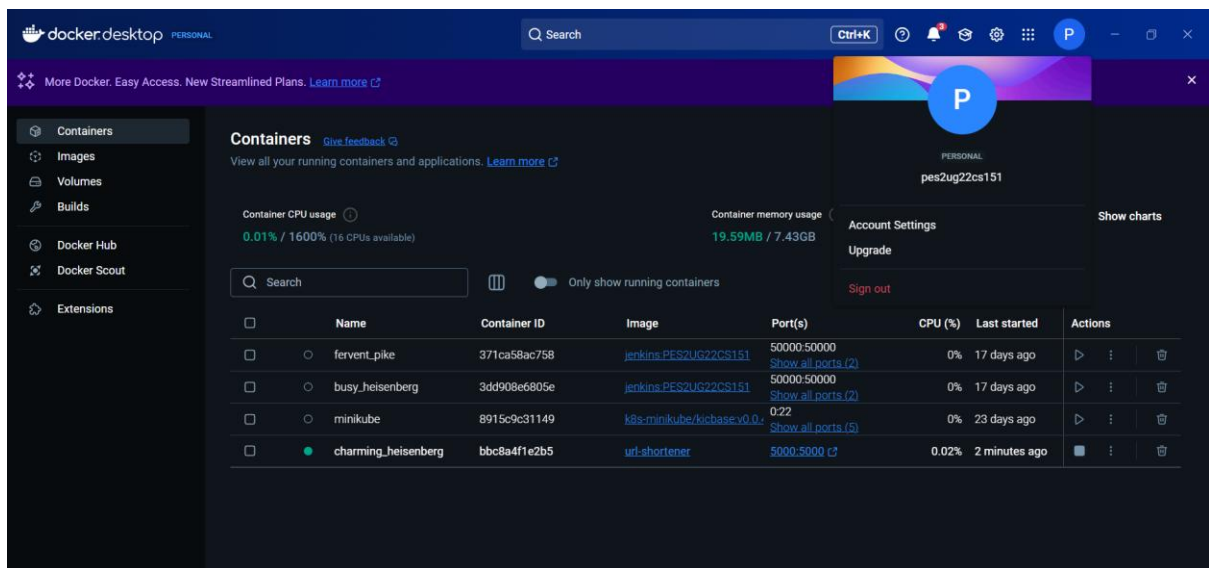


Name: Chirag Sathish

SRN: PES2UG22CS151

SEC: 'C'

```
PS D:\> git clone https://github.com/BhoomiBiradar/131-134-151-171-Load-Balanced-URL-Shortener-using-Docker-Kubernetes
Cloning into '131-134-151-171-Load-Balanced-URL-Shortener-using-Docker-Kubernetes'...
info: please complete authentication in your browser...
remote: Enumerating objects: 11, done.
remote: Counting objects: 100% (11/11), done.
remote: Compressing objects: 100% (10/10), done.
remote: Total 11 (delta 1), reused 5 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (11/11), done.
Resolving deltas: 100% (1/1), done.
```



```
^C(base) chirag@DESKTOP-4AKUJ80:/mnt/d/131-134-151-171-Load-Balanced-URL-Shortener-using-Docker-Kubernetes$ docker build -t url-shortener .
[+] Building 2.2s (10/10) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 282B
=> [internal] load metadata for docker.io/library/python:3.9
=> [auth] library/python:pull token for registry-1.docker.io
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [1/4] FROM docker.io/library/python:3.9@sha256:bc2e05bca883473858fc3b7c134c28ab822be73126balce29517d9e8b7f3783b
=> [internal] load build context
=> => transferring context: 2.04kB
=> CACHED [2/4] WORKDIR /app
=> CACHED [3/4] COPY . .
=> CACHED [4/4] RUN pip install flask
=> exporting to image
=> => exporting layers
=> => writing image sha256:3f5a413fcb8b7288982f1742500233e0310c4525b9d3a8ec16abfb7c97b37
=> => naming to docker.io/library/url-shortener
(base) chirag@DESKTOP-4AKUJ80:/mnt/d/131-134-151-171-Load-Balanced-URL-Shortener-using-Docker-Kubernetes$
```

```
(base) chirag@DESKTOP-4AKUJ80:/mnt/d/131-134-151-171-Load-Balanced-URL-Shortener-using-Docker-Kubernetes$ docker run -p 5000:5000 url-shortener
* Serving Flask app 'app'
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:5000
* Running on http://172.17.0.2:5000
Press CTRL+C to quit
```

```
(base) chirag@DESKTOP-4AKUJ80:/mnt/c/Users/chirag$ curl -X POST http://localhost:5000/shorten -H "Content-Type: application/json" -d '{"long_url": "https://example.com"}'
{"short_url": "http://localhost:5000/pVxe7L"}
(base) chirag@DESKTOP-4AKUJ80:/mnt/c/Users/chirag$
```