

Deploymnet of App in IBM Cloud Containerize of App

Date	11 November 2022
Team ID	PNT2022TMID05821
Project Name	Plasma Donor ApplicationPersonal expense tracker application

Create a Docker



Code

```
FROM python:2.7
LABEL maintainer="vidhya D, vidhya D@ibm.com" RUN aptget
FROM python:3.8
    update RUN mkdir /app
    WORKDIR /app
    ADD app.py .COPY . /app
    RUN pip install -r requirements.txt
    EXPOSE 5000
    RUN pip install click colorama flask itsdangerous jinja2 markupsafe werkzeug ibm-db flask
    bcryptENTRYPOINT [ "python" ] CMD
    [ "app.py" ]
```

EXPOSE 5050

CMD ["python", "./app.py", "127.0.0.1:5050"]

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```
Windows PowerShell
>>> sha256-928a75165ee5962a807af2c3ap5e8589adfc08e36cc329d86c35celdac1728ec 8.58kB / 8.58kB
>>> sha256-c83a0be79bfba389d1f05dc40b407aa83bd84591531fed1e7e12e0be63483a5 10.88MB / 10.88MB
>>> sha256-a8ca11514fce00d9177da2d7e307bdc06df77faeb04519755c648ac4886192ed1 55.80MB / 55.80MB
>>> sha256-e4e40804aba2e62ba7c75965e4aa33ec856ee1b1074dda8b470181c577b63abd 5.16MB / 5.16MB
>>> sha256-195ea6a88c87a18477965a8e6a8623112bde82c5b588a29c56ce4581bde8695 54.50MB / 54.50MB
>>> sha256-157f16ed8a8c119e5015d22f95fd158b49e85654011b870b79cca1987442940b 196.27MB / 196.27MB
>>> sha256-884b1048ec186b456b1cd694cc46a9c07c3619b1b84069c4ec575fe213e94a7e 6.29MB / 6.29MB
>>> sha256-8f3927ba7df36ffbf6ba123c20b4987a61c8cab7f43c4486247550e6cc978652 17.40MB / 17.40MB
>>> sha256-f53d27e44a90817298b4dcfdce7272a830e15c28c37a75768643c9731a34218 2338 / 2338
>>> sha256-8883f689470d84de69c8e5a88862317d33a26f4286da830bf483aa338776dc06 2.89MB / 2.89MB
>>> extracting sha256-a8ca11514fce00d9177da2d7e307bdc06df77faeb04519755c648ac4886192ed1 3.9s
>>> extracting sha256-e4e40804aba2e62ba7c75965e4aa33ec856ee1b1074dda8b470181c577b63abd 0.6s
>>> extracting sha256-c83a0be79bfba389d1f05dc40b407aa83bd84591531fed1e7e12e0be63483a5 0.5s
>>> extracting sha256-195ea6a88c87a18477965a8e6a8623112bde82c5b588a29c56ce4581bde8695 4.7s
>>> extracting sha256-157f16ed8a8c119e5015d22f95fd158b49e85654011b870b79cca1987442940b 13.5s
>>> extracting sha256-884b1048ec186b456b1cd694cc46a9c07c3619b1b84069c4ec575fe213e94a7e 0.4s
>>> extracting sha256-8f3927ba7df36ffbf6ba123c20b4987a61c8cab7f43c4486247550e6cc978652 0.7s
>>> extracting sha256-f53d27e44a90817298b4dcfdce7272a830e15c28c37a75768643c9731a34218 0.0s
>>> extracting sha256-8883f689470d84de69c8e5a88862317d33a26f4286da830bf483aa338776dc06 0.1s
>>> [internal] load build context
>>> transferring context: 7.00kB
>>> [2/3] ADD app.py
>>> [3/3] RUN pip install click colorama flask itsdangerous jinja2 markupsafe werkzeug lbw-db Flask bcrypt
>>> exporting to image
>>> exporting layers
>>> writing image sha256:0d3373215d43f2076c21145e426789655d79729c6b3075f69e8a12500a1b98c
>>> naming to docker.io/library/app

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them
PS C:\Users\kisho\Desktop\Docke\Sprint4> sn
```

```
30 memory: "64Mi"
31 cpu: "50m"
32 limits:
```

