JOYSON SAMUEL P

JAYAPRAKASH P

JAYASIVAA KRISHNAA B

SHAIKH FIRAAS A

SPRINT-4
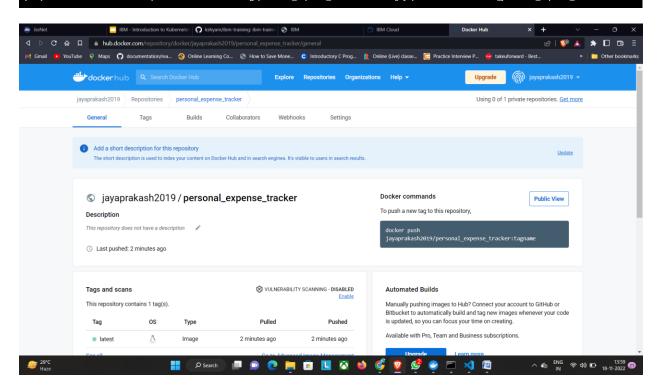
SCREEN SHOTS

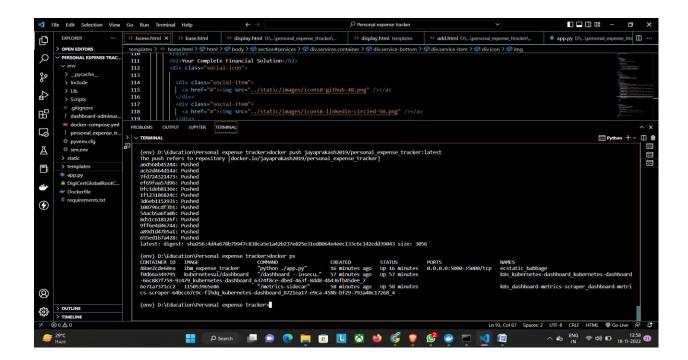1) DEPLOYING FLASK APPLICATION TO DOCKER CONTAINER

STEP-1 -BUILD A DOCKER IMAGE

```
Build an image from a Dockerfile

D:\Education\Personal expense tracker>docker build -t ibm_expense_tracker .
[+] Building 7.0s (11/11) FINISHED
 => [internal] load build definition from Dockerfile                                    0.0s
 => => transferring dockerfile: 187B                                                    0.0s
 => [internal] load .dockerignore                                                       0.0s
 => => transferring context: 2B                                                         0.0s
 => [internal] load metadata for docker.io/library/python:3.10.6                        2.2s
 => [auth] library/python:pull token for registry-1.docker.io                           0.0s
 => [1/5] FROM docker.io/library/python:3.10.6@sha256:745efdfb7e4aac9a8422bd8c62d8bc35a693e8979a240d29677cb03e6aa  0.0s
 => [internal] load build context                                                       0.4s
 => => transferring context: 248.82kB                                                   0.4s
 => CACHED [2/5] WORKDIR /app                                                           0.0s
 => CACHED [3/5] COPY requirements.txt ./                                               0.0s
 => CACHED [4/5] RUN pip install -r requirements.txt                                    0.0s
 => [5/5] COPY . .                                                                      3.6s
 => exporting to image                                                                  0.7s
 => => exporting layers                                                                 0.6s
 => => writing image sha256:f0f6f8b25f135af9f055822ca101a18821bf073c1d86537a7c8d122a6e2146ee  0.0s
 => => naming to docker.io/library/ibm_expense_tracker                                  0.0s
```

STEP-2   PUSH TO DOCKER HUB

```
(env) D:\Education\Personal expense tracker>docker tag personal_expense_tracker:latest jayaprakash291029/docker_personal_expense_tracker:latest
```

STEP-3 RUN THE DOCKER IMAGE

```
(env) D:\Education\Personal expense tracker>docker run -p 3001:3000 jayaprakash291029/docker_personal_expense_tracker
```