CONTAINERIZE THE APP

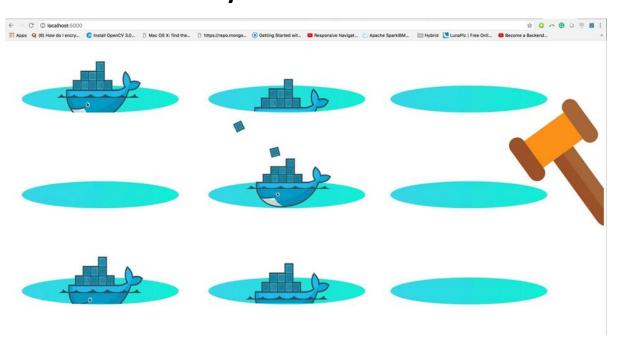
Team ID	PNT2022TMID33435
Project Name	Personal Expense Tracker
	Application

Build an Image from the Dockerfile:

COMMAND: docker build -t <image_name>:<tag>

```
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Run container locally and test:



Creating docker image for flask app:

```
from flask import Flask
app = Flask(__name__)

@app.route('/')
def hello():
return "welcome to the flask tutorials"

if __name__ == "__main___":
app.run(host ='0.0.0.0', port = 5001, debug = True)
```

Creating a docker image of the Project:

```
rgunkar@rgunkarInspiron.3551:-/Desktop/flask_docker_demo

File Edit View Search Terminal Help

Collecting 31nja2>-2.10.1 (from flask>-r requirements. txt (line 1))

Dominoduting https://files.pythonhosted.org/packages/65/e0/e0359702802015cabiccee04e8a277b03fid8e53da3ec3106882ec42558b/Jinja2-2.10.3-py2.py3
-none-any.whl (125k8)

Collecting itsdamperous-=0.24 (from flask>-r requirements. txt (line 1))

Downloading https://files.pythonhosted.org/packages/76/ae/f4b03b253d6fade317f32c24d108b3b35c2239807040a4c953c7b89fa49e/itsdamperous-1.1.0-py

2.py3-none-any.whl (215k8)

Collecting citck=5.1 (from flask>-r requirements. txt (line 1))

Downloading https://files.pythonhosted.org/packages/f6/ae/f4b03b253d6fade317f32c24d108b3b35c2239807040a4c953c7b89fa49e/itsdamperous-1.1.0-py

2.py3-none-any.whl (81k8)

Collecting Citck=5.1 (from flask>-r requirements.txt (line 1))

Downloading https://files.pythonhosted.org/packages/f9/2e/64d092e53b86efccfaes71321f597fa2e1b2bd3853d8ce658508f7a13094/Markup5afe-1.1.1.tar.g

grading whele for collected packages: Narkup3afe, 31nja2-2.10.1-ylask-ylasy-1.1.1.tar.g

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Run the Docker Image:

```
rgunkar@rgunkar-Inspiron-3551: ~/Desktop/flask_docker_demo

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(base) rgunkar@rgunkar-Inspiron-3551: ~/Desktop/flask_docker_demo$ python demo.py

* Serving Flask app "demo" (lazy loading)

* Environment: production

WARNING: This is a development server. Bo not use it in a production deployment.

Use a production WSGI server instead.

* Debug mode: on

* Running on http://0.0.0.0:5001/ (Press CTRL+C to quit)

* Restarting with stat

* Debugger is active!

* Debugger PIN: 263-282-424
```