CS 1632 Software Quality Assurance

Supplementary Exercise 4

Member 1 Name:

Member 2 Name:

Team Name:

- **Part 1: CI/CD Pipelines**

I have inserted example screenshots of what is expected for each section. Please replace with your own screenshots for credit. You are required to Part A. Part B is optional contingent on your ability to run a CI/CD pipeline on GitLab which may require you to provide credit card information.

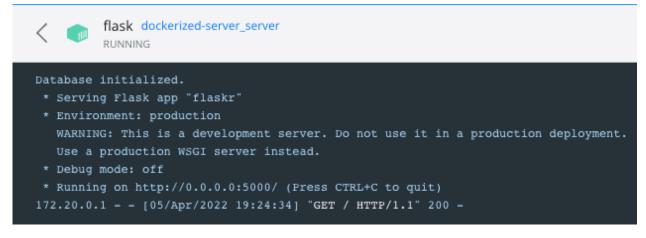   A.   A screenshot of your package registered on test.pypi.org **[Required]**

    B.   A screenshot of the pipeline having run to completion. **[Optional]**

- **Part 2: Dockers**

Again, replace with your own screenshots for credit. Part A is required, and Part B is optional.

A. A screenshot of the flask app running on docker launched by "**docker-compose build**". Make sure that the log shows at least one successful GET request of the root / URL that gets printed when you access http://localhost:80/ on your web browser. **[Required]**


```
                flask  dockerized-server_server
                RUNNING

Database initialized.
 * Serving Flask app "flaskr"
 * Environment: production
   WARNING: This is a development server. Do not use it in a production deployment.
   Use a production WSGI server instead.
 * Debug mode: off
 * Running on http://0.0.0.0:5000/ (Press CTRL+C to quit)
172.20.0.1 - - [05/Apr/2022 19:24:34] "GET / HTTP/1.1" 200 -
```

B. A screenshot of the flask app running on docker launched by "**docker-compose -f docker-compose-using-registry.yaml up**". Make sure that the log shows at least one successful GET request of the root / URL that gets printed when you access http://localhost:80/ on your web browser. **[Optional]**


```
                flask-from-registry  registry.gitlab.com/wonsun.ahn/dockerized-server/simple-strop-server:6ac0ec88
                RUNNING

Database initialized.
 * Serving Flask app "flaskr"
 * Environment: production
   WARNING: This is a development server. Do not use it in a production deployment.
   Use a production WSGI server instead.
 * Debug mode: off
 * Running on http://0.0.0.0:5000/ (Press CTRL+C to quit)
172.19.0.1 - - [05/Apr/2022 19:16:52] "GET / HTTP/1.1" 200 -
```