## MONOLITHIC ARCHITECTURE

## LAB - 1

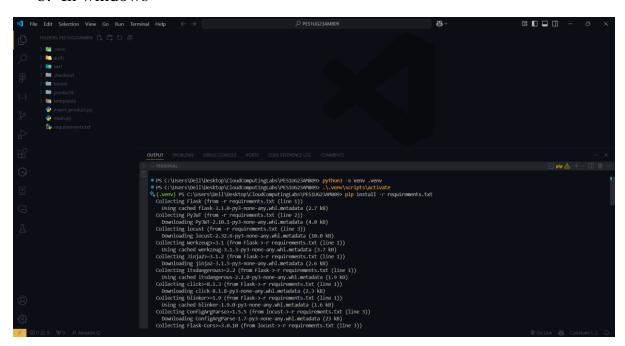
## STEP-1

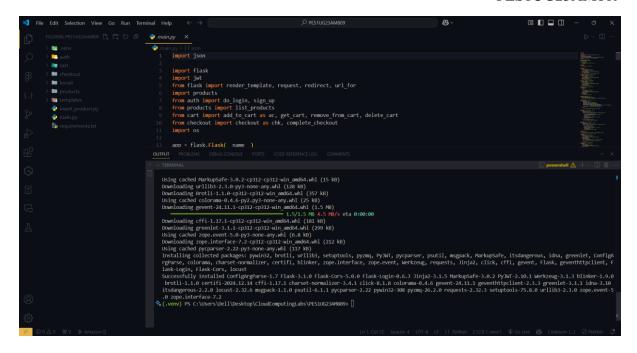
Creating the directory my SRN PES1UG23AM809 and Unzipping the monolithic architecture folder.

#### STEP - 2 and 3

Now we will run the code

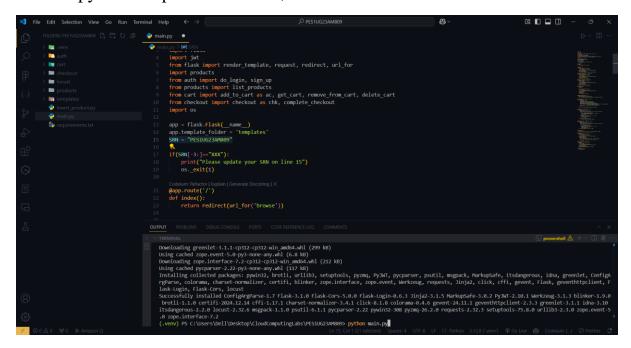
- a. We will setup python virtual environment so that there is no collision between module versions
- b. In windows





## STEP-4

In main.py I have updated the SRN, on line number 15

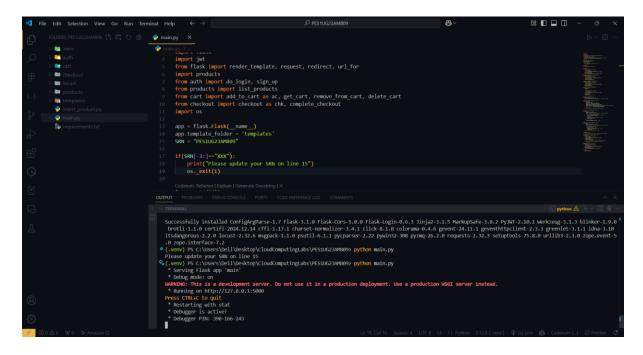


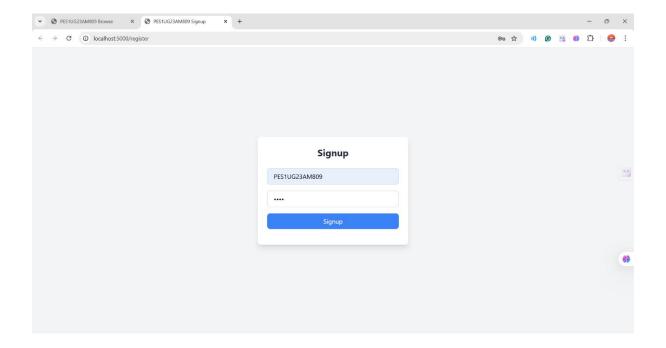
# STEP-5

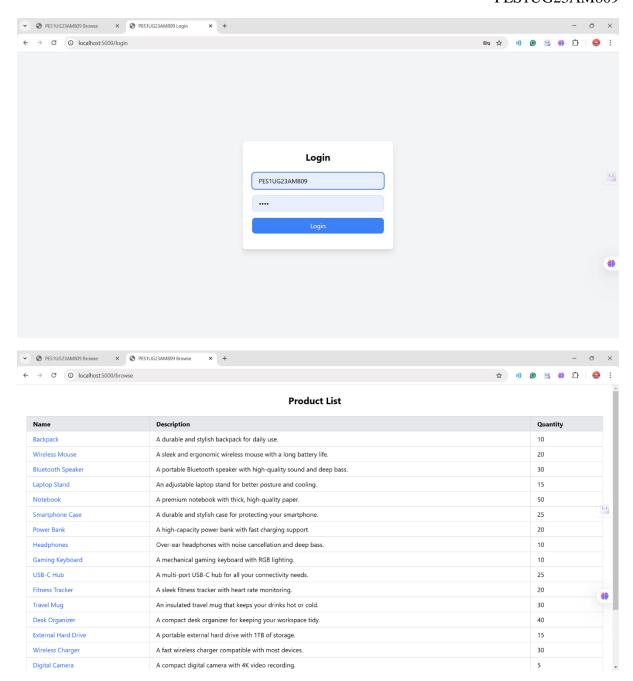
Visit the site (note if localhost didn't work try with 127.0.0.1)

- a. <a href="http://localhost:5000/register">http://localhost:5000/register</a> to register a user
- b. http://localhost:5000/login to login

- c. http://localhost:5000/browse to browse for stuff
  - d. When you are done adding to the cart, you can check out. <a href="http://localhost:5000/cart">http://localhost:5000/cart</a>



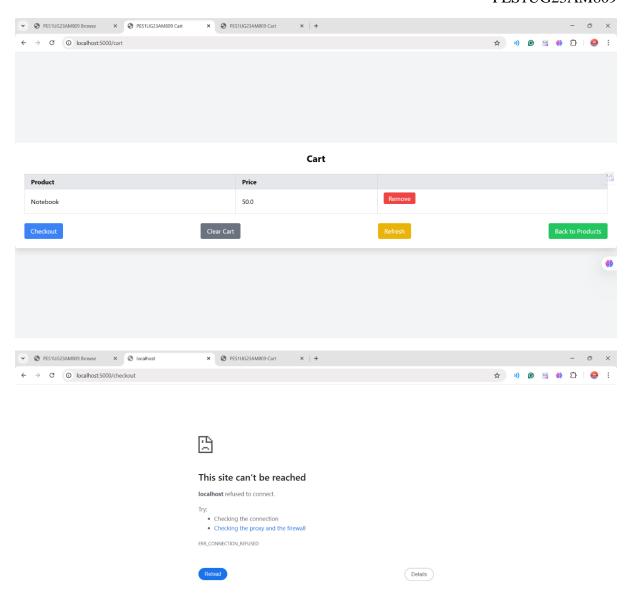


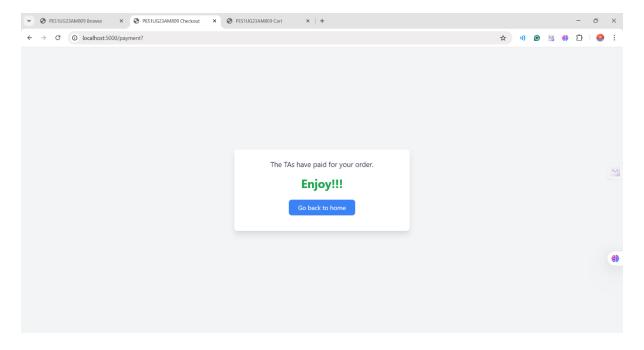


#### STEP-6

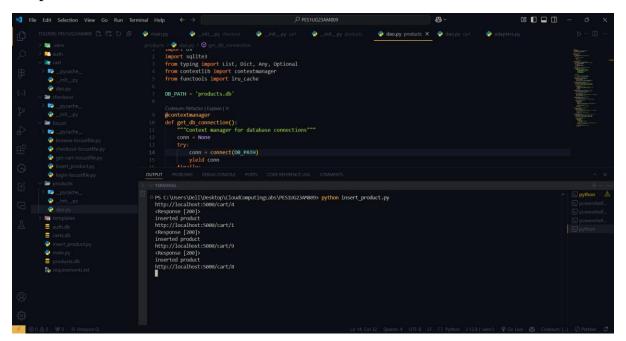
When you are done adding to the cart, you can checkout. <a href="http://localhost:5000/cart">http://localhost:5000/cart</a>

## NINGAPPA B PES1UG23AM809

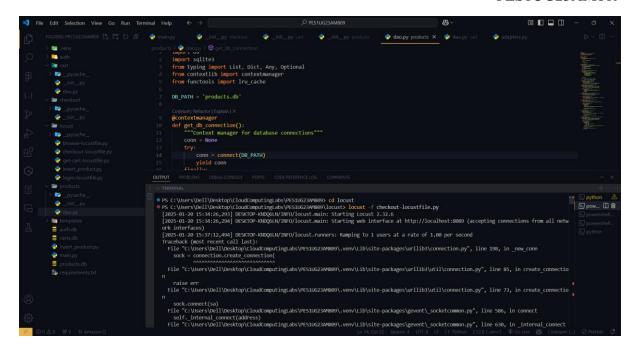




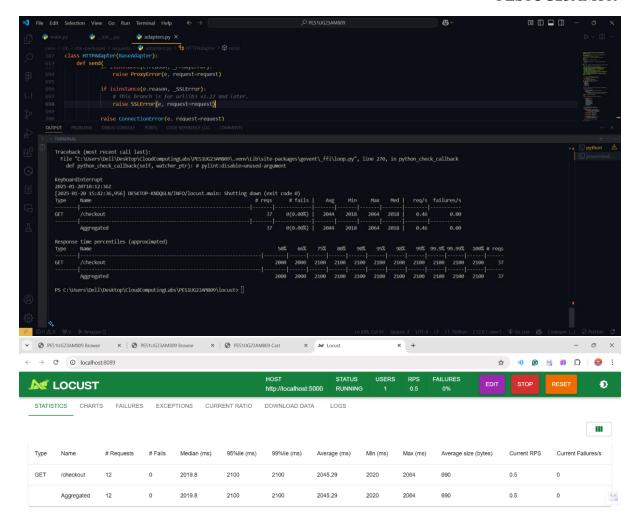
**Locust** - A load-testing tool, where you can define a test and run it on your endpoints.



## NINGAPPA B PES1UG23AM809



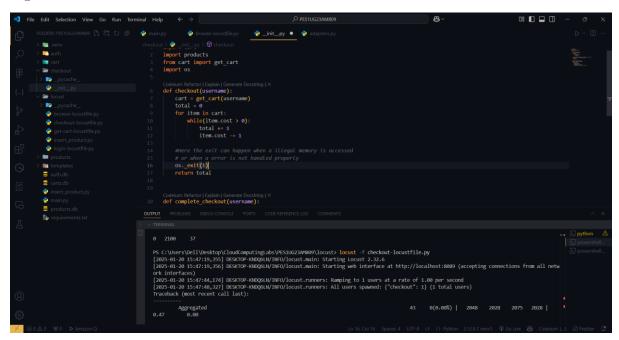
#### NINGAPPA B PES1UG23AM809

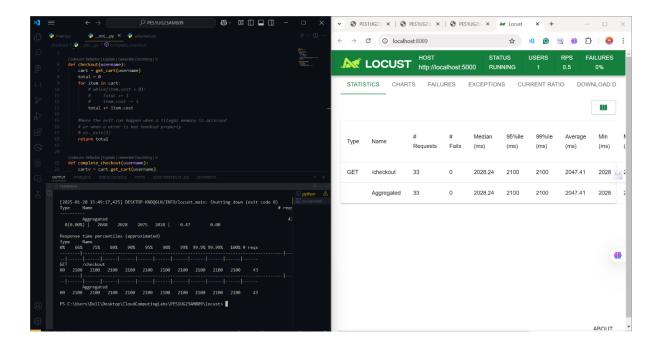




ABOUT

# **Optimise the route /checkout**

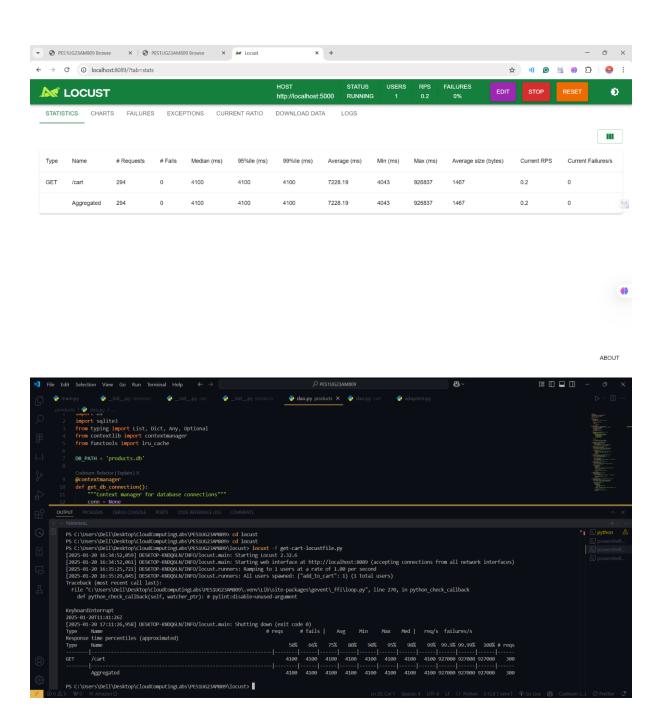




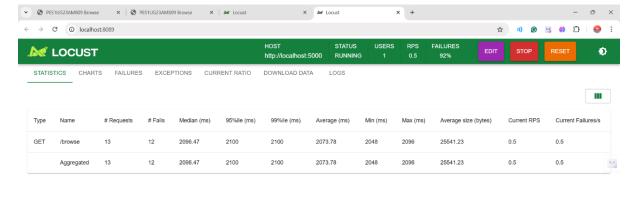
## **STEP - 7**

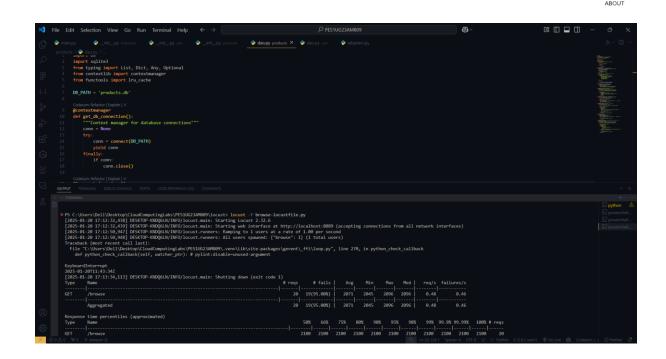
Optimizing the browse and cart locust files from the cart/ and products/ folder.

/cart/\_\_init\_\_.py



# /products/\_\_init\_\_.py





## STEP - 8

# GitHub Link to the Optimized code and folder of the Monolithic Architecture

#### Link:

 $\underline{git@github.com:tgo460/PES1UG23AM809\_CC\_MONOLITHIC\_ARC\_LA}\\\underline{B3\_.git}$