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Project Description: It's an multi-user app where you can register as store or user and sell your sell or buy products respectively. multiple stores can be registered and users can buy from multiple shops and with this app you can also track the revenue and top selling products and categories and some other statistics to help and manage your store. As store manager, you add / edit / delete products, categories, and units as per your needs, and you will be able to export product data in CSV and schedule Jobs

Tech Stack :

- Python

- Flask

- JWT Login

- redis / celery

- Bootstrap

- SQLite database Schema:

    1. users : A table used to store user data

    2. cartVsUsers : Used to map user to carts (one to one relationship)

    3. usersVsPassword : A table separately stores encrypted user password

    4. carts :A table to store carts and items relationship (one to many)

    5. Items A table used to store product information per store

    6. categories : A table used to store a list of categories mapped with store

    7. units: A table used to store a list of Units mapped with store

8. stores : A table used to store shop data

9. soldData : contains all product sold data to compute stats Schema

10. Notifications / NotificationvsUsers : will store all notification

Design - ([here](#))

Project Demo Video -([here](#))

How to Run (Flask In Powershell) :

Execute the following commands from the root folder (where app.py resides):

1. python -m venv venv

2. venv\Scripts\activate

3. pip install -r requirements.txt

4. python app.py

How to Run (vue In Powershell) :

1. go to project_root_folder/front_end

2. run the following cmdlets in powershell

note: npm should be installed

1. npm install

2. vue serve

How to Run (celery In Powershell) :

      1. go to flask root folder where app.py resides and execute following commands in powershell

            1. celery -A app.celery_instance worker -l info -P solo

How to Run (celery beat In Powershell) :

      1. go to flask root folder where app.py resides and execute following commands in powershell

            1. celery -A app.celery_instance beat --max-interval 1 -l info

How to Run redis(in Linux)

      Note : I hope there is a redis server running in port 6379

open your wsl shell and run the following command

      1.sudo service redis-server start

Run all those in separate instances and finally visit

http://localhost:8080