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Description:

A grocery ordering platform, such as a Grocery Store, is a multi-user app that allows users to browse, select, and order groceries. The platform typically includes a database of user, admin, category, product, cart and order as well as features for searching for available groceries based on various criteria such as category type, product price, product name etc .

Technologies Used:

1. Flask: Web Framework
2. Jinja 2: Template Engine 3. Bootstrap: Layout/Styling 4. SQLite: Database
5. SQLAlchemy: ORM
6. HTML/CSS: Obvious
7. Python: Language

DB Schema Design:

- ### Admin Table
  Store details about admin registration. **admin_id:** Unique id of the admin. **admin_name:** Admin name of the admin.**email_id:** Email of the admin. **password:** Password of the admin

- ### User Table
  Store details about the user registered. **user_id:** Unique id of the User. **user_name:** name of the user. **email_id:** Email of the user. **password:** Password of the user.

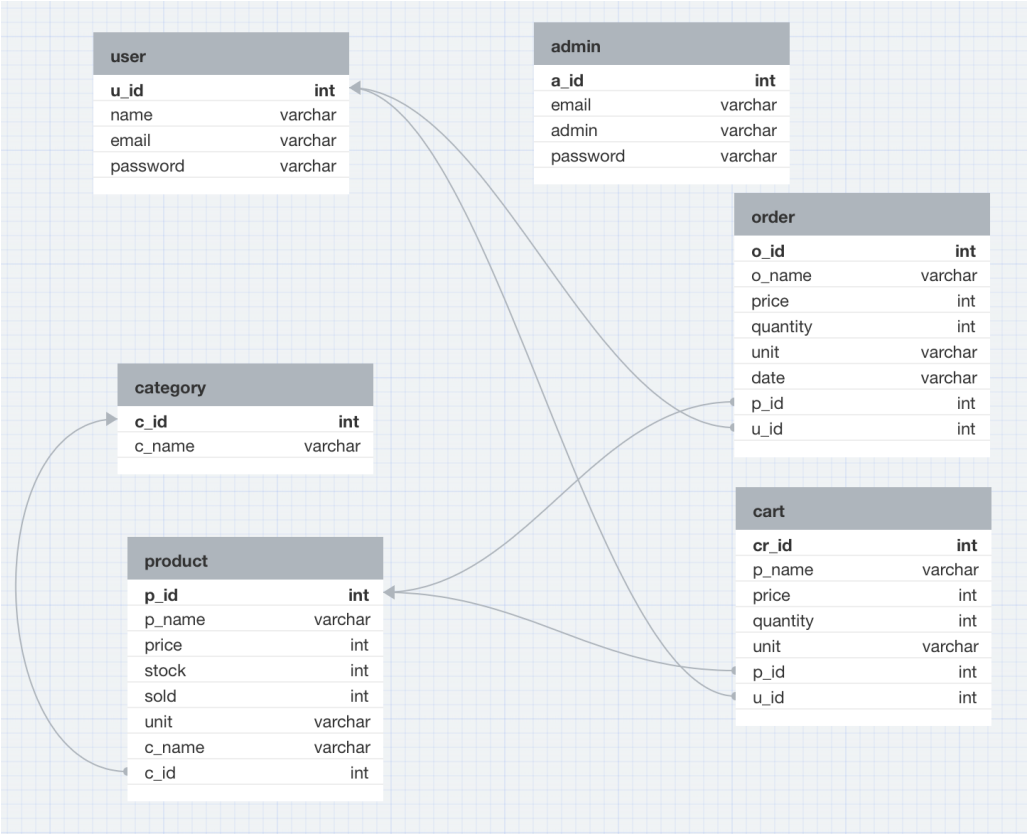
- ### Product Table
  Store details about the products. **p_id:** Unique id of the product.**p_name:** name of the product. **price:** price of the product. **stock:** Quantity of the product available. **sold:** units of the product that are sold. **unit:** specifies the type of unit(kg,L etc).

- ## Category Table
  Store details about all the shows. **c_id:** category id of the grocery . **c_name:** category name of the grocery.

- ## Cart Table
  Shows all the items that a user has in the cart at that moment. **cr_id:** Unique id of the category. **p_name:** name of the product. **price:** price of the product. **quantity:** quantity of a particular product. **unit:** type of unit. **p_id:** Unique id of the product. **c_id:** unique id of the category.**u_id:** unique id of the user.

- ## Order Table
  Store details about the order placed. **o_id:** Unique id of the order. **o_name:** name of the order.**price:** price of the product. **quantity:** Quantity of the product available.**unit:** type of unit**. date:** date of purchase. **p_id:** Unique id of the product..**u_id:** unique id of the user.

DB DESIGN OF DATABASE



Architecture and features:

There are 2 folders,
1. static: It contains some CSS files,
2. templates: It contains all HTML templates used in Project.

- User and admin sign-in / sign-up system: Here user and admin can fill in all details for creating a new account and after that, both will be able to do a sign-in.
- Admin Dashboard: This page has all categories and products where you can add multiple categories, products, stock and can edit and delete categories and products.
- User Dashboard: This page has all the categories and products available in the grocery store.
- Functionality of Admin: Here admin will be able to create, delete and update categories,stock and products. They can create, edit, and delete the availability of products and categories.
- Functionality of User: Here the user can search products based on categories, price, name etc.

GOOGLE DRIVE LINK :
https://drive.google.com/file/d/1M3iCoSEu_ZwWLpj57VIIAujP8RHA_htJ/view?usp=sharing