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Description

Grocery Store is an ecommerce website where users can buy the daily necessities, lifestyle products for their needs. They need to create an account to buy the products. And also admins are used to sell their products on the website.

Technologies used

Flask - used for application
SQLite and Sqlalchemy used for data storage and manipulation
HTML, Jinja2 templates, Bootstrap for structure and style of website

DB Schema Design

Five models are created for storing the data related to the website. They are : user, admin, orders, category and product.
User stores information such as id, username, password
Admin stores information about admin_id, username, password
Orders stores information about order_id, order_value, order_quantity, order_total, order_name
Product stores information about product_id, name, dates, stock, price
Category stores information about id and name of categories

Architecture and Features

Users can buy the products which they want by applying filters, view the orders they placed in past, and view the cart they made. They will do all these things after registering their account in the database, after registration they can login and buy the products they desire.

Admin used to manage the website based on the demand of the products. They can add the products, categories and view those products and categories. They can modify the products and categories features they mentioned in the website. They are the managers of the website.

Video

https://drive.google.com/file/d/14lFSm28XfOyybHOqanECi93glBAw3FXX/view?usp=sharing