

Author

Ayush Verma

21f3000500

21f3000500@ds.study.iitm.ac.in

Description

Grocery Store app from which users can easily search and buy products through a user friendly interface.

Technologies used

HTML

CSS

FLask

Jinja2

BootStrap5

Sqlite database

DB Schema Design

Database consists of 6 tables namely:

- admin: consists of admin's username & passwords
- users: consists user's username & passwords
- cart: holds various products added to cart by user
- categories : consists various product categories
- products: contains product details such as price, quantity etc
- user_orders: contains all the purchase history of a user

Architecture and Features:

Project structure-

3 Folders:

ROUTES

STATIC

TEMPLATES

Database: database.db which contains all tables

Main file: **app.py**, which serves as the main file to initialise the project.

Readme.md: It has basic instructions to use the app

ROUTES: Consists of various python files which have separate routes for authentication, user's function and admin's function. Routes were used to organise code more efficiently.

STATIC: This folder has all necessary images and css file so that stylings can be controlled.

TEMPLATES: This folder has all html files required for the project.

ADDITIONAL FEATURES

This app has other additional features like removing products from cart.

Navigation Bar- for easy navigation through pages.

Search Option- To search various products through different attributes like price, name etc.

Video-

https://drive.google.com/file/d/1mLsCcl2sU9uc216tbT9-V4YSGsKN8NdC/view?usp=drive_link
[Video presentation of app](#)