

PROJECT REPORT

GROCERY STORE V2

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This project is the continuation of the Grocery Store App V1.

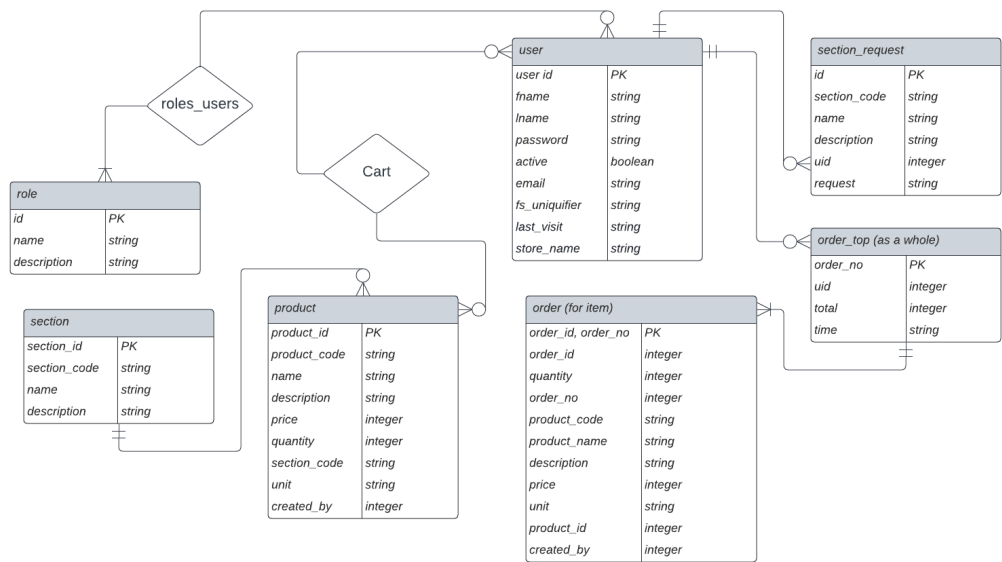
Description

- We need to develop a Grocery Store App using VueJS and Python.
- It is a multi-user app supporting Admin, Store Managers and Users
- Admin has the capabilities of approving new Store Managers, CRUD on category, and accepting requests by Store Managers.
- Store Managers can add and sell products or request for addition/updation of category
- users should be able to search, cart, and buy products.

Technologies Used

Python - Creating the app	VueJS - Creating the Front end
Flak-Security - Authentication	SQLite - Database
Celery - Scheduled & Async Jobs	Redis - Caching and Job processing

Database Schema



API Design

- Flask - Restful has been used to implement API for the app

API URL	For
“/api/section“ , “/api/section/<string:section_code>“	CRUD on Section
“/api/product“, “/api/product/<string:product_code>“	CRUD on Products
“/api/register”	Register User
“/api/checkuser“	Check Duplicate User
“/api/admin_managers”	View all Managers
“/api/current_user”	Current user details
“/api/manager_reapply”	Reapply for Manager
“/api/requests”	Requests by Managers
“/api/approve_request”	Approve Requests
“/api/cart”	Add to Cart
“/api/buy”	Buy Products
“/api/orders”	View Orders
“/api/search”	Search Functionality
“/api/export”	Export for Managers

Video Demo Link

<https://drive.google.com/file/d/1OllgrQwsxrIM-TdWfNYlc-n-DKNA2DRS/view?usp=sharing>