### Author

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Greetings! I’m pursuing MCA at VIT Vellore and have been doing this degree since my

undergraduate studies started. I’m an introvert-extrovert kind of person and someone who

tries to do everything to perfection.

### Description

In this project, an online grocery shopping application is the problem statement. The users

will be able to add, remove and update cart entries to purchase grocery products. The users

can also search for products and categories.

### Technologies used

This project includes usage of HTML, bootstrap, CSS, and Flask with extensions like SQLAlchemy, redirect, url\_for, and render\_template. HTML was used to display the frontend of the website styled by CSS and Bootstrap.

### DB Schema Design

A diagram of a product

Description automatically generated with medium confidence

### API Design

Not done.

### Architecture and Features

This application includes an application, db\_directory, static, and template directories. Config,

database, controllers, and model files are present in the application directory. All the html

files are added in template directory. Static library includes the images used in this

application.

In this application:

1. Admin’s and user’s can login through separate portals
2. Admin can easily add, remove, update, and delete categories.
3. Admin can easily add, remove, update, and delete products.
4. Users can buy products from one or multiple categories.
5. Users can search for Category/Product

### Video

https://drive.google.com/file/d/12nttevNREY61hSD5E\_7UHb4Q6H0aQKLk/view?usp=sharing