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I am from Tripura, Northeast of India. Currently I am diploma level at IITM BS Data Science of Application.

Description:

When you click the local host URL, you'll see products grouped by categories. Users need to register before logging in, while admins can directly log in. After logging in, users can add items to their cart, purchase if they're in stock. Admins manage products and categories, adding, editing, and deleting as necessary. Everything adjusts automatically based on what Admin do.

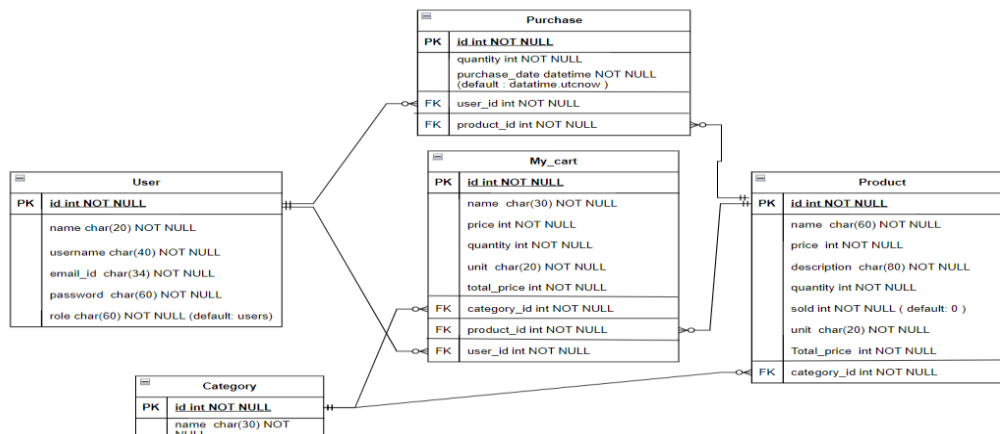
Technologies Used:

- Flask, Render_Template, Session, Redirect, url_for and Flash
- Flask_sqlalchemy
- Matplotlib
- Datetime
- Bootstrap and CSS

In Flask, there are key tools like `render_template` that help show dynamic content using special templates like jinja2 template. The `session` feature lets us create safe login sessions. `flash` allows quick message display, `redirect` helps smoothly change web addresses, and `url_for` creates web links easily. Moreover, there's `flask_sqlalchemy` to set up databases and relationships. Outside Flask, `matplotlib` draws graphs, and `datetime` helps save time info for product buying records. Bootstrap is used for html and CSS. CSS is used for do some kind of styling.

Database Design:

Database has 5 tables this five table names and relationship between them given below



Architecture and Features:

In application folder, I've organized static and templates folders along with key files: controllers.py, database.py, model.py, and __init__.py. This __init__.py file initializes the app. Outside this folder, the app runs using app.py.

Video:

My Project video : [Click here to see demo video](#)