Online Book shopping website via python flask

Muhammad Anwar Abdalla
Mohammed Esmat

MATHEMATICS and CS department

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Online Book Shopping Website

The website has books in a home page. User has account page, can put books in his cart and order, so, can view details of orders and a content of the books and its details. Admin has the features of user, moreover, can edit details of books, add books and see some "legal"(i.e., name, image file and e-mail) details of users and books.

Component-based software engineering in project

Flask-Login provides user session management for Flask. It handles the common tasks of logging in, logging out, and remembering your users' sessions over extended periods of time.
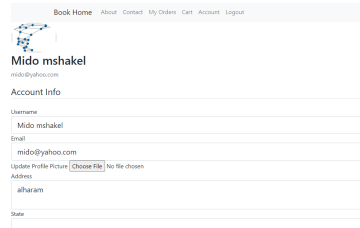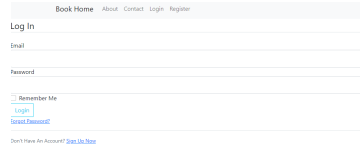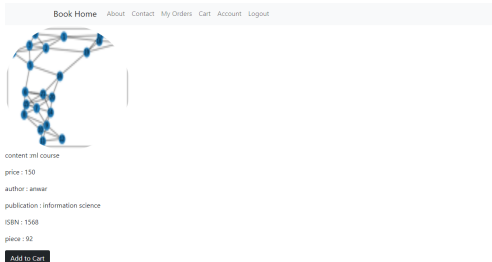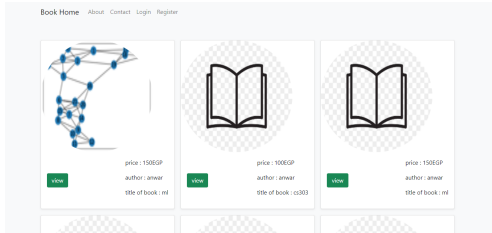
Flask-Bcrypt is a Flask extension that provides bcrypt hashing utilities for your application.

SQLAlchemy is the Python SQL toolkit and Object Relational Mapper that gives application developers the full power and flexibility of SQL. It provides a full suite of well known enterprise-level persistence patterns, designed for efficient and high-performing database access, adapted into a simple and Pythonic domain language.

flask wtf is simple integration of Flask and WTForms, including CSRF, file upload.

Agile process in project

Prototype with backend and frontend.

cont...

Book Home About Contact My Orders Cart Account Logout

Your orders:

total : 100

data: 2021-05-22

total : 200

data: 2021-05-26

Book Home About Contact My Orders Cart Account Logout
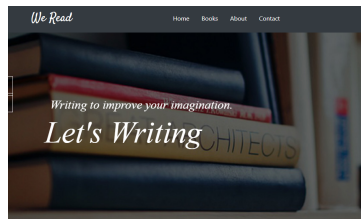
title : cs303 price: 100

Book Home About Contact My Orders Cart Account Logout

Contact Us !

Book Home About Contact My Orders Cart Account Logout

Book Home is online website which has alot of books in different fields. Enjoy!!

cont...

prototype with frontend Only!!
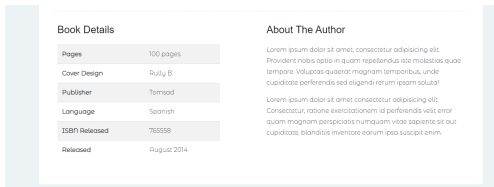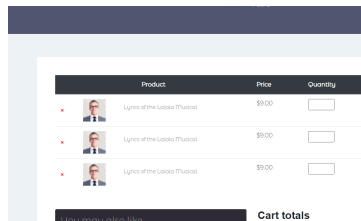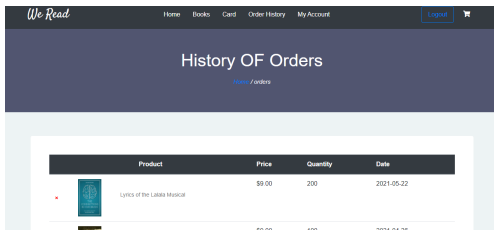
MVC in project

Model
The central component of the pattern. It is the application's dynamic data structure, independent of the user interface. It directly manages the data, logic and rules of the application.

View
Any representation of information such as a chart, diagram or table. Multiple views of the same information are possible, such as a bar chart for management and a tabular view for accountants.

Controller
Accepts input and converts it to commands for the model or view. In addition to dividing the application into these components, the model–view–controller design defines the interactions between them.

MVC in one slide
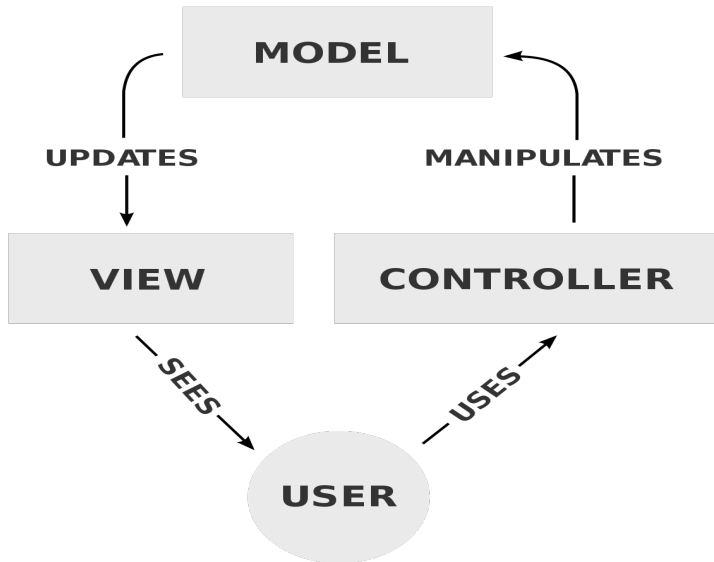
Thank You !!

https://github.com/2019mohamed/
Online-book-shopping-Demo-website