

Project Name: "To-Do List Manager"

Description:

Create a web application that allows users to manage their to-do lists. Users should be able to register an account, log in, and then create, update, and delete their to-do items. Each to-do item should have a title, description, and status (e.g., completed or not completed).

Requirements:

User Registration and Authentication:

Users should be able to register an account with a username and password.

Implement authentication and authorization to allow only logged-in users to access the to-do list functionality.

To-Do List Functionality:

Once logged in, users should be able to create new to-do items with a title, description, and initial status (not completed).

Users should be able to view their existing to-do items in a list.

Implement functionality to update the status of a to-do item (e.g., mark as completed or not completed).

Allow users to edit the title and description of their to-do items.

Users should be able to delete a to-do item.

User Interface:

Design a user-friendly interface for the web application using HTML, CSS, and Bootstrap (or any other front-end framework of your choice).

Display appropriate messages to users for successful operations (e.g., item created, item updated, item deleted).

Deployment:

Deploy your Django project on a hosting platform like Heroku or PythonAnywhere.

This project will help you practice Django's core concepts, such as models, views, templates, forms, authentication, and database operations. It will also provide hands-on experience with user registration, authentication, and basic CRUD operations.

Remember to break down the project into smaller tasks, create a virtual environment, and follow Django's best practices for project structure and code organization. Happy coding!