Python Flask CRUD Application Test Assignment

Description

You are tasked with creating a basic Flask CRUD application for managing a list of persons. The application should allow users to perform the following operations:

- Create: Add a new person to the list
- Read: View the list of persons
- Update: Edit an existing person on the list
- Delete: Remove an existing person from the list

Requirements

- Use Flask for the application
- Use GitPod.io for the development environment
- Use a SQLite database for storing the list of persons
- Use models to define the database schema
- Use controllers and routes to handle the CRUD operations
- Use templates to display the list of persons and forms for creating/editing persons
- Use Bootstrap for styling the application
- Use Git for version control, and commit changes as you work on the application

Deliverables

- A link to a public Git repository containing the Flask application code
- A README file in the repository that explains how to set up and run the application

Bonus points

- Use Flask-SQLAlchemy to interact with the database
- Use Flask-WTF to handle form validation
- Implement pagination for the list of persons
- Implement search functionality for the list of persons

Evaluation

The assignment will be evaluated based on the following criteria:

- Completion of the CRUD functionality
- Code quality and organization
- Proper use of Flask conventions and best practices
- Proper use of Git for version control
- Ability to follow the provided requirements and instructions

Good luck with the assignment, and don't hesitate to ask if you have any questions or need any help!