

WEBD 5201 WEB DEVELOPMENT FRAMEWORKS

Assignment 4

2023

Assignment Question:

Enhance a CRUD Application with GitHub Integration

Assignment Description:

Instructions:

1. Start by following the tutorial to create a simple CRUD application. The tutorial is available at this GitHub repository: [CRUD-RubyOnRails] (<https://github.com/spkdroid/CRUD-RubyOnRails>).
2. Once you have successfully implemented the CRUD application, your task is to introduce a new feature of your choice to the application. The new feature should be relevant and provide additional functionality or enhance the user experience.
3. You have the creative freedom to choose the feature you want to add. Some ideas include implementing user authentication, adding image uploads, enhancing the UI/UX, or integrating external APIs.
4. After implementing the new feature, thoroughly test and debug your code to ensure it functions correctly.
5. Next, you will set up GitHub CLI to manage your codebase effectively. If this is your first-time using GitHub CLI, refer to the [GitHub CLI documentation] (<https://cli.github.com/>) for installation and usage instructions.
6. Create a new repository on your GitHub account to host your CRUD application. Use GitHub CLI to commit, push, and manage your codebase. Make sure to maintain a clean and well-organized repository.
7. Create a detailed README file for your GitHub repository, providing information about your project, how to run it, and any additional details you think are necessary. Make sure to include a section describing the new feature you implemented.

Requirements:

- Complete the CRUD application following the provided tutorial.
- Implement one additional feature of your choice that is relevant to the application.
- Thoroughly test and debug your code to ensure it works as expected.
- Set up GitHub CLI and create a repository for your CRUD application.
- Maintain a clean and well-documented GitHub repository.

Evaluation Criteria:

Your assignment will be evaluated based on the following criteria:

- Successful implementation of the CRUD application as per the tutorial. (25 Points)
- Creativity, functionality, and relevance of the additional feature. (45 points)
- Proper setup and use of GitHub CLI. (15 points)
- Quality and organization of the GitHub repository and README file. (15 points)

The total marks for this assignment will be converted into a 10-point scale based on your score of 100.

Submission:

- Submit the link to your GitHub repository and the deployed application (if applicable).
- Ensure your repository is public and accessible to your instructor for evaluation.

Additional Resources:

- You can refer to the GitHub CLI documentation for guidance on using GitHub CLI effectively.
- Reach out to your instructor for any questions or concerns about the assignment.

Deadline: Nov 10th, 2023

This assignment is designed to encourage creativity and exploration, and you are welcome to start with a simple feature. Have fun implementing your new feature and enhancing the CRUD application!