**IT&C 350-001: Database Principles + Application**

Milestone 5: Build the Website and Webserver

Due: Apr 16, 2024 at 11:59pm

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| **Details** |  | Rationale  This part of the project aims to translate your database Views into an actual website. You will do this using a provided template with some examples. You will also make sure to use best practices for securing your website and webserver.  Related Course Learning Outcomes   * Use conceptual and data models to design and implement distributed database access applications applying current languages, system technologies, and tools. * Integrate, deploy, and demonstrate operational applications on database system infrastructure. Includes use of DDL, DML, programming interfaces, and UI implementation. [first part of this outcome] * Learn to collaborate on a project using a content repository.   Procedures   * Go to <https://github.com/jordanbw1/itc350-template> and clone the project on to your device. It would be best practice to clone into a separate folder and then copy the contents (make sure no git files are copied) into the folder that is connected to your own database repository. The README.md file contains hint and information that will help you with the lab. * DO NOT clone this repository as a child of another git repo as this will cause you many issues. * The code in the GitHub is a template for you to modify and fill out. It has some core functionality established so that you have a reference. * This portion of the project will be more flexible than other projects. You can customize the appearance as much as you want, so long as it meets your vision for the system. Don't worry about the look and feel as much as the core functionality. * Make sure you use GitHub while working on your code. All students on a team should be making changes. * Document your code in the Final Report Template. * Document everything in the Final Report Template. Make sure to accurately explain the security of the system (e.g., how it handles SQL injection).   Sample Reference Project   * A sample Python Flask project is available here: <https://github.com/jordanbw1/itc350-template> |