Module #2 Report | CSE 310 – Applied Programming

Name	Date	Teacher
Nathan Luckock		Bro McGary

Project Repository Link

Copy the link to your Github Repository

Module

Mark an **X** next to the module you completed

Module		Language
Cloud Databases		Java
Data Analysis		Kotlin
Game Framework		R
GIS Mapping		Erlang
Mobile App		JavaScript
Networking	x	python
Web Apps		TypeScript
Language – C++		Rust
SQL Relational Databases		Choose Your Own Adventure

Fill Out the Checklist

Complete the following checklist to make sure you completed all parts of the module. Mark your response with **Yes** or **No**. If the answer is **No** then additionally describe what was preventing you from completing this step.

Question	Your Response	Comments
Did you implement the entire set of unique requirements as described in the Module Description document in I-Learn?	Yes	Built a complete web application with Flask backend and HTML/CSS/JS frontend
Did you write at least 100 lines of code in your software and include useful comments?	Yes	Over 400 lines of code across Python, HTML, CSS, and JavaScript files

Question	Your Response	Comments
Did you use the correct README.md template from the Module Description document in I-Learn?	Yes	Used the template and filled out all required sections
Did you completely populate the README.md template?	Yes	All sections completed with project details and links
Did you create the video, publish it on YouTube, and reference it in the README.md file?	Yes	Video published on Loom and linked in README
Did you publish the code with the README.md (in the top-level folder) into a public GitHub repository?	Yes	Code published to GitHub repository

Did you complete a Stretch Challenge

If you completed a stretch challenge, describe what you completed.

Yes I created the frontend that interacts and works with the backend.

Record your time

How many hours did you spend on this module and the team project this Sprint?
Include all time including planning, researching, implementation, troubleshooting, documentation, video production, and publishing.

	Hours
Individual Module	4
Team Project	6

Retrospective

- What learning strategies worked well in this module? Following online tutorials and documentation worked well for learning Flask and web development concepts.
- What strategies (or lack of strategy) did not work well? Not planning the project structure beforehand led to some reorganization of files during development.
- How can you improve in the next module? I will create a detailed project plan before starting development and break down tasks into smaller, manageable pieces.