Module #4 Report | CSE 310 – Applied Programming

|Alejo Alegre Bustos|11/15/2025|Teacher:Bro McGary|

Project Repository Link

[Github Repository](#)

Module

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

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

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	
Did you write at least 100 lines of code in your software and include useful comments?	Yes	
Did you use the correct README.md template from the Module Description document in I-Learn?	Yes	
Did you completely populate the README.md template?	Yes	

Question	Your Response	Comments
Did you create the video, publish it on YouTube, and reference it in the README.md file?	Yes	
Did you publish the code with the README.md (in the top-level folder) into a public GitHub repository?	Yes	

Did you complete a Stretch Challenge

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

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	10
Team Project	5

Retrospective

- What learning strategies worked well in this module? I had to replan how the website/app is going to use the ML model, so I try many things, but the FastApi was the one that fits better with my idea
- What strategies (or lack of strategy) did not work well? by reviewing my plan I found out that my target was not right on my ML model, so I reviewed the data set documentation and change my focus on it, it stills working pretty accurate
- How can you improve in the next module? probably talk with bro McGary or someone else to have a clear image of what is next

[Yout Tube video](#)