

Module # Report | CSE 310 – Applied Programming

Name	Date	Teacher
Jacob Emhoff	4/5/2025	Brother Porter McGary

Project Repository Link

[Firebase Github Repository Link](#) [Project Database Link](#)

Module

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

Module	Language	
Cloud Databases	X	Java
Data Analysis		Kotlin
Game Framework		R
GIS Mapping		Erlang
Mobile App		JavaScript
Networking		C#
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?	No	As described in the readME(s) I did not complete the assignment.
Did you write at least 100 lines of code in your software and include useful comments?	Yes*	I made some of the Javascript from ChatGPT and other projects, but it was mostly provided from the tutorials.

Question	Your Response	Comments
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	
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

No 😞

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	11
Team Project	4

Retrospective

- **What learning strategies worked well in this module?** I had a ton of previous experience with Firebase, and access to tons of tutorials and past working projects. The first part of this module, setting up Firebase, initializing a new app, creating a database, and then connecting it to a project in VS code. Previous experience came *heavily* in handy.
- **What strategies (or lack of strategy) did not work well?** I depended way too heavily on my tutorials. In my defense, the tutorial with authentication *did* work when I created it back in the day. I poured through documentation, ran bad code through ChatGPT, hypothetically, I should've been able to complete it. I didn't ask anyone for help with anything, and that was my failed strategy. I didn't rely on anything that could personally help me, and that was where everything went wrong.
- **How can you improve in the next module?** Ask for help, simple as that. I thought I knew enough to complete this project without too much additional help, and I do know Firebase very well. This was a very frustrating project as nothing I've done before worked. Asking for external help is something I really need to work on.