MICHIGAN STATE UNIVERSITY

Alpha Presentation DRIVEN-4 Web Application

The Capstone Experience

Team DRIVEN-4

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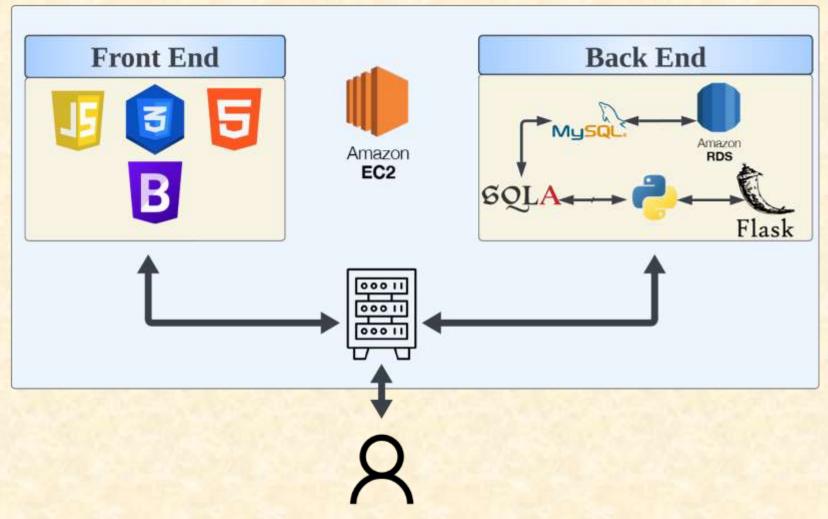
Spring 2024



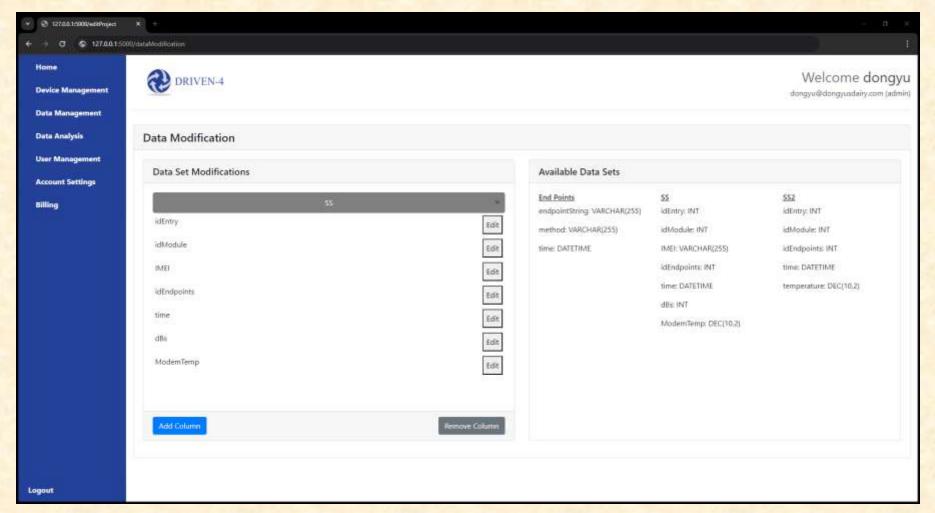
Project Overview

- Facilitate connections to DRIVEN-4 Connect modules through custom endpoints
- Enhance data analysis of data collected from modules
- Custom dashboard to view data and control modules

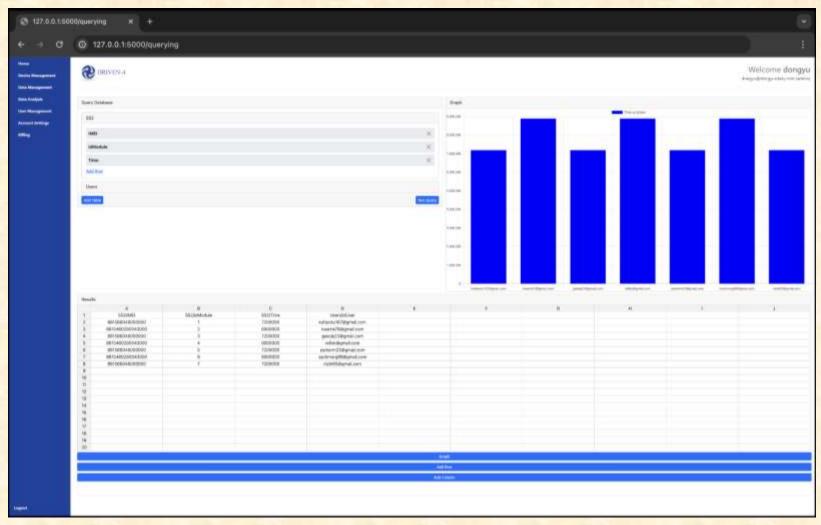
System Architecture



Data Modifications Page

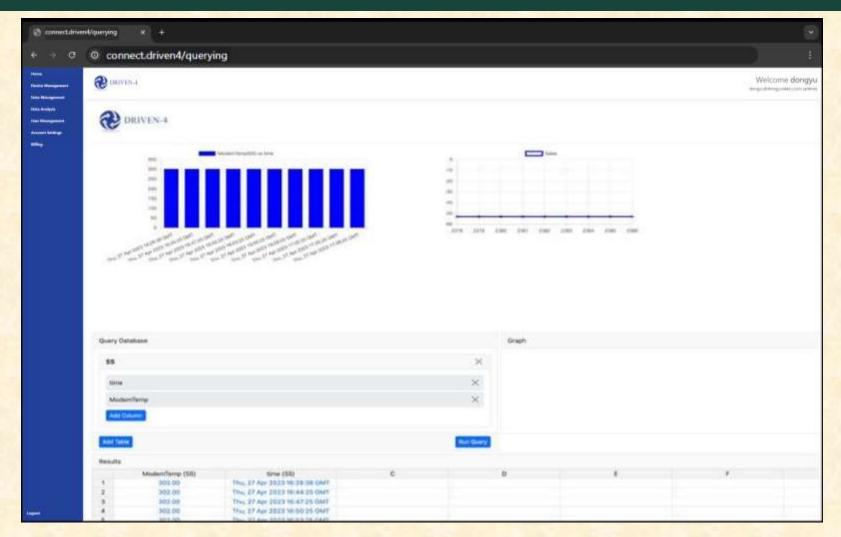


Querying Page





Custom Dashboard Page



What's left to do?

- Merge everything from raw SQL to SQLAlchemy Model
- Finish implementing Custom Dashboard
- Complete Data Modifications page
- Update Data Creation page
- Combine Scripting and Querying pages

Questions?

