MICHIGAN STATE UNIVERSITY

Beta Presentation
DRIVEN-4 Connect Application

The Capstone Experience

Team DRIVEN-4

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From Students…
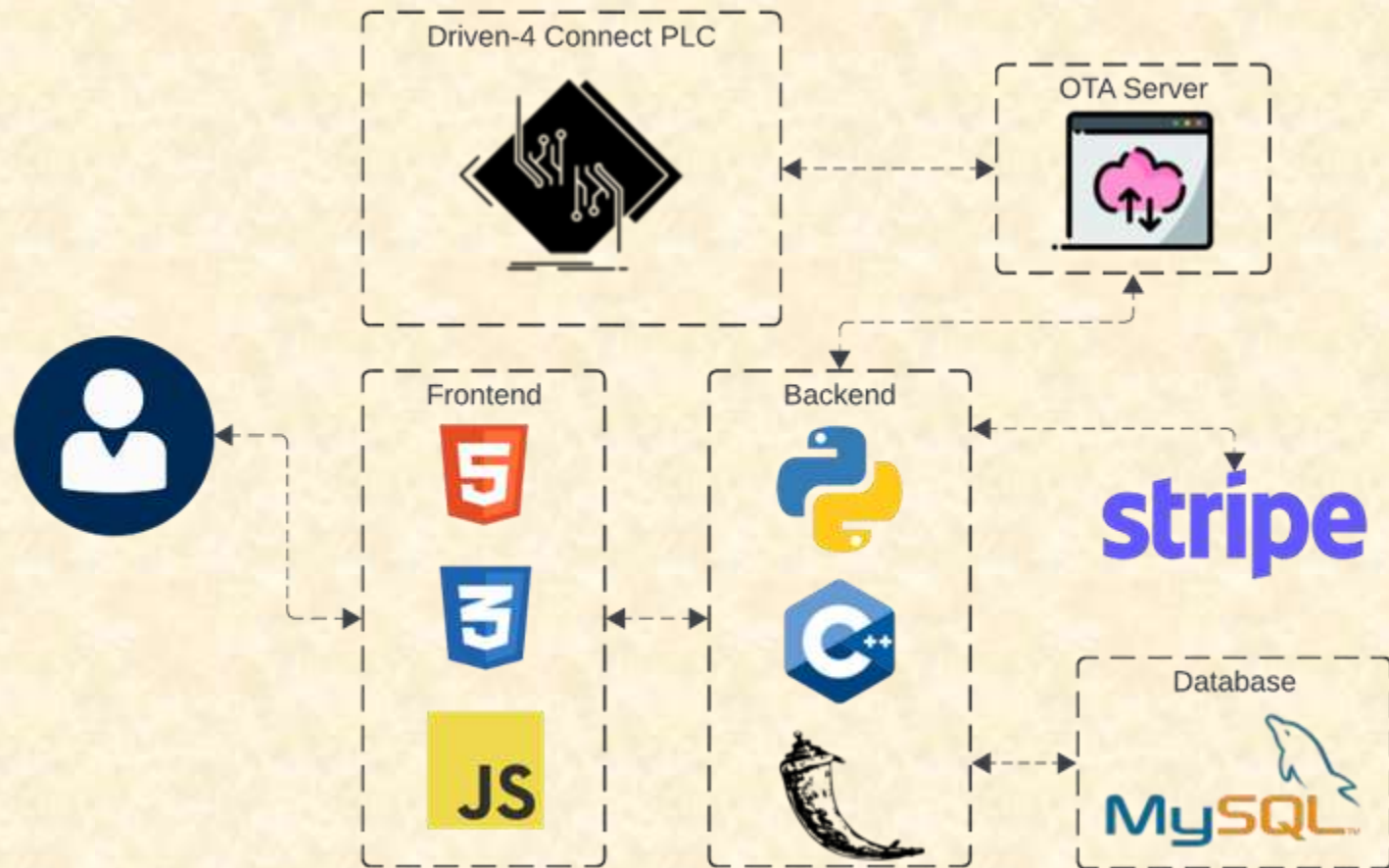*…to Professionals*

Project Overview

DRIVEN-4 clients receive a programmable logic component (Module)

Our DRIVEN-4 Connect web application:

- Enables custom database creation

- Provides database endpoints and can submit external API calls

- Allows data queries and visualizations

- Monitors usage and charges customers

System Architecture

Database Creation

Endpoint Configuration

Data Querying

Payments Processing

What's left to do?

- Features

- Stretch Goals
  - Interpreter save status indicator
  - UI ability to publish module firmware upgrade
  - DRIVEN-4 admin account management
- Other Tasks
  - Dashboard UI improvements
  - Site-wide testing
  - Latest app deployment & latency testing
  - Documentation

Questions?

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