From Students…
…to Professionals

Beta Presentation
QA Audit Center

The Capstone Experience

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Project Overview

- Auditors will be able to maintain optimal business operations by conducting audit reports and completing checklists on the application.
- Application will make reports easily accessible.
- United Airlines Compliance Team will be able to ensure audits conform to the Federal Aviation Association (FAA) regulations and policies.
System Architecture

Mobile application can fill in audit logs, generate a PDF locally and connect to the Google Firebase Cloud.

The back-end infrastructure for our application consists of both the Google Firebase platform and the MSU server.
Dashboard
Audit In-Process Sheet
## Table Data

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Search for a Pending Audit
What’s left to do?

• Stretch Goals
  ▪ Expand web scraping to include more regulation documents
  ▪ Allow auditors to add custom checklists using Excel documents on the mobile
  ▪ Take a photo within the application

• Other Tasks
  ▪ Add comments to checklist entries
  ▪ Refine UI of mobile app and regulation website
  ▪ Refine formatting of audit log PDF document
  ▪ Optimize speed for loading and saving to the database
Questions?