MICHIGAN STATE UNIVERSITY

Alpha Presentation

Training Scheduling and Optimization System

The Capstone Experience

Team United Airlines

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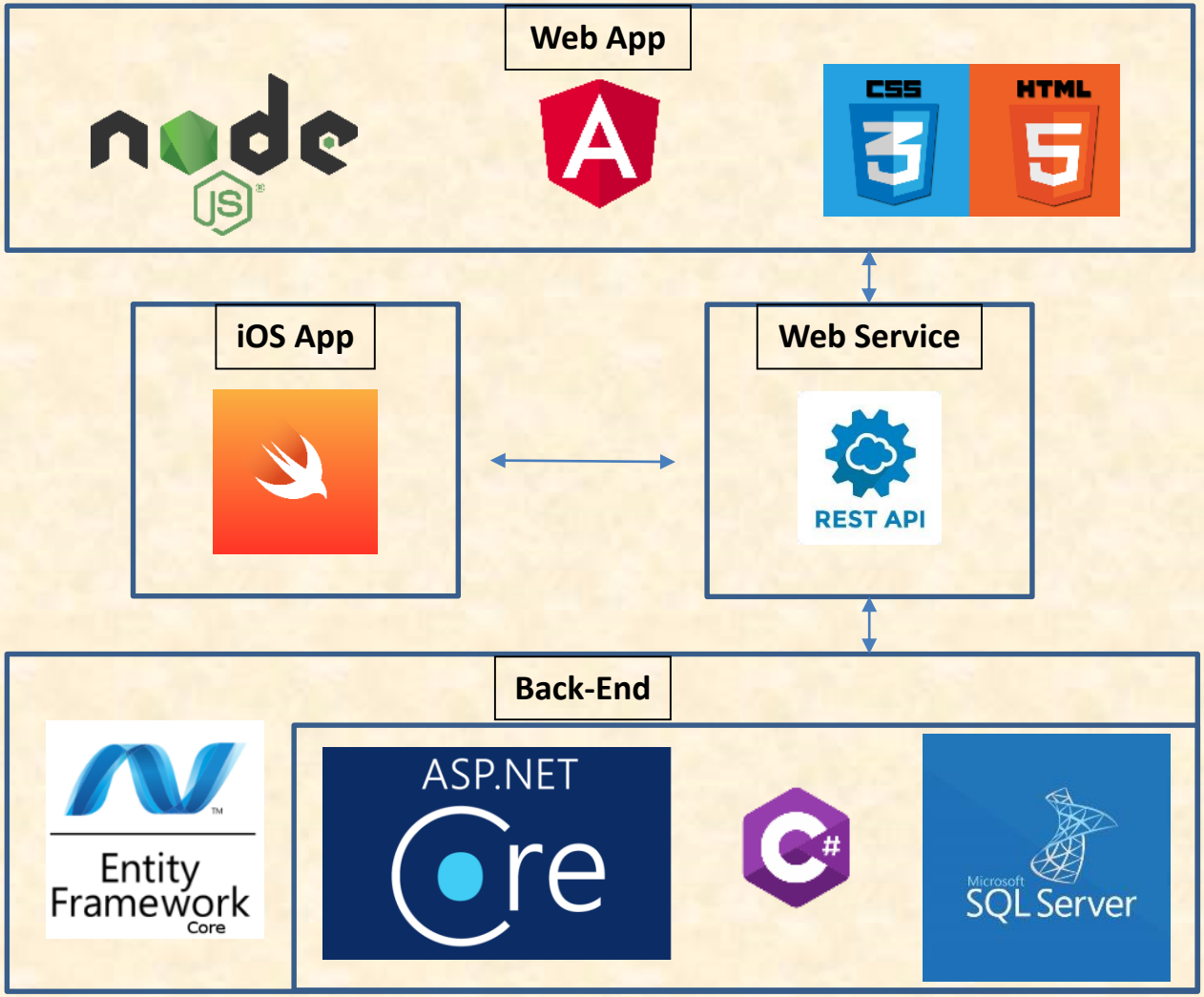
From Students…
…to Professionals

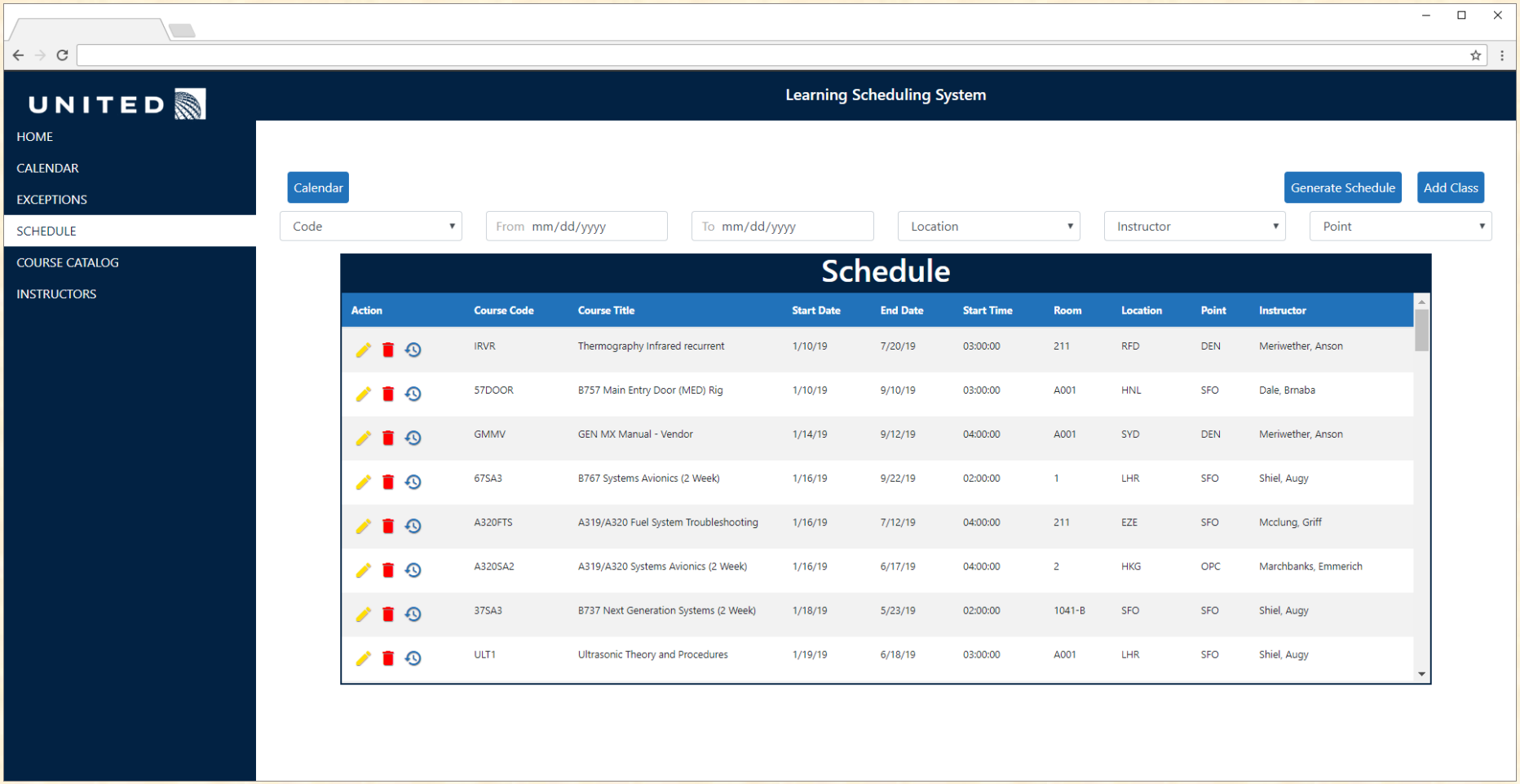
Project Overview

- Course scheduling system for maintenance training
- Instructor time tracking
- Rosters and attendance tracking
- Optimizer that suggests the best schedule based on inputted attributes

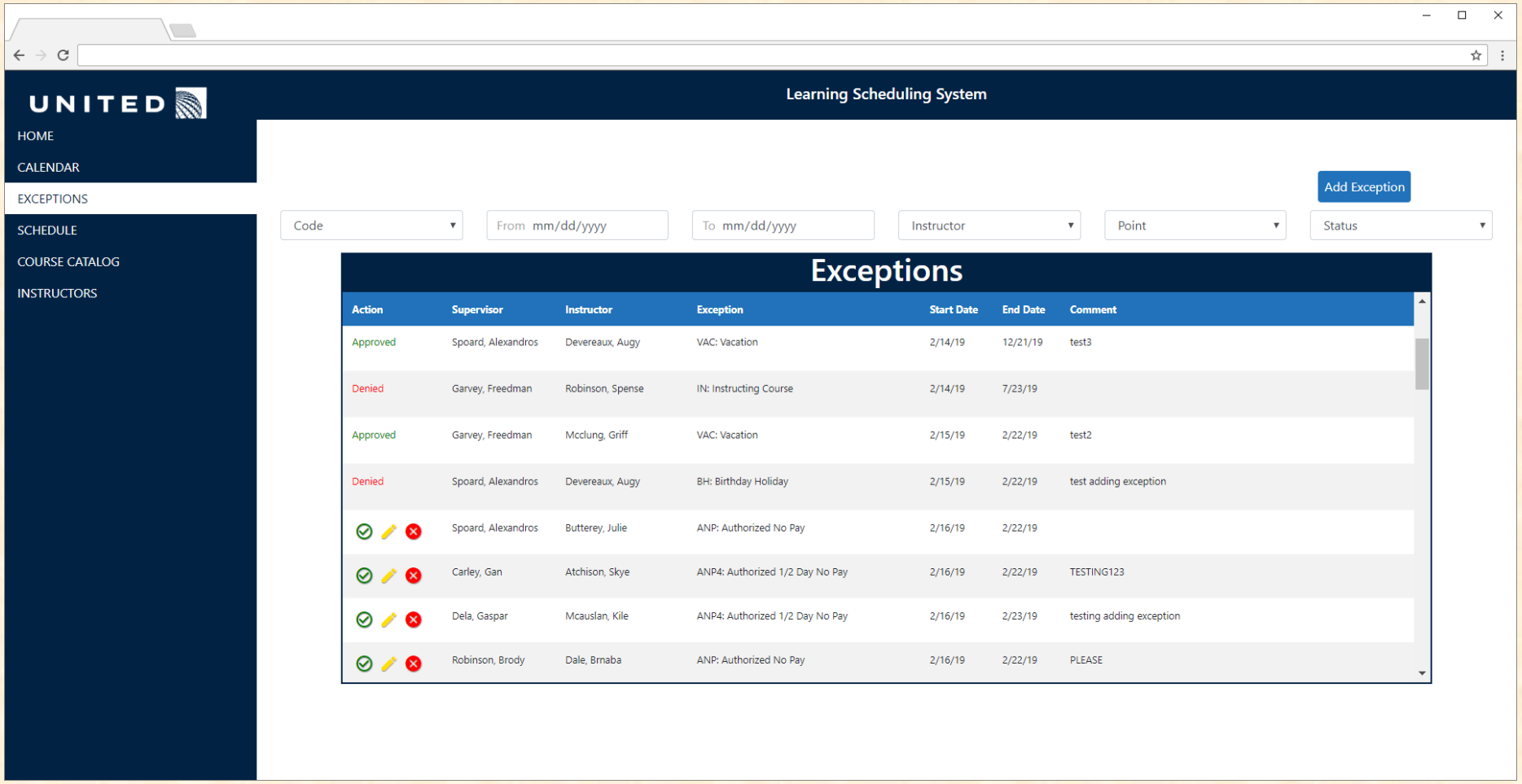
System Architecture



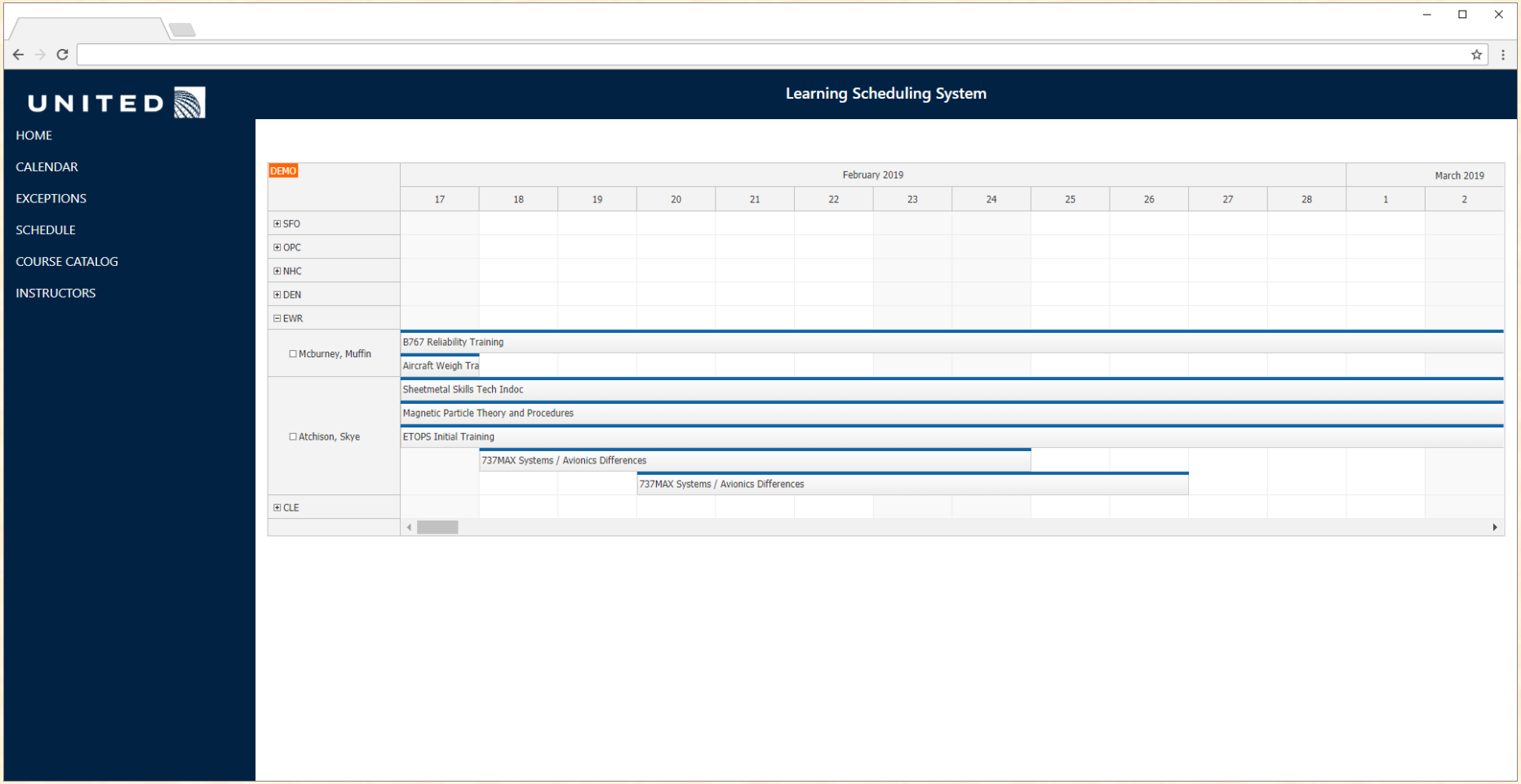
Schedule Page



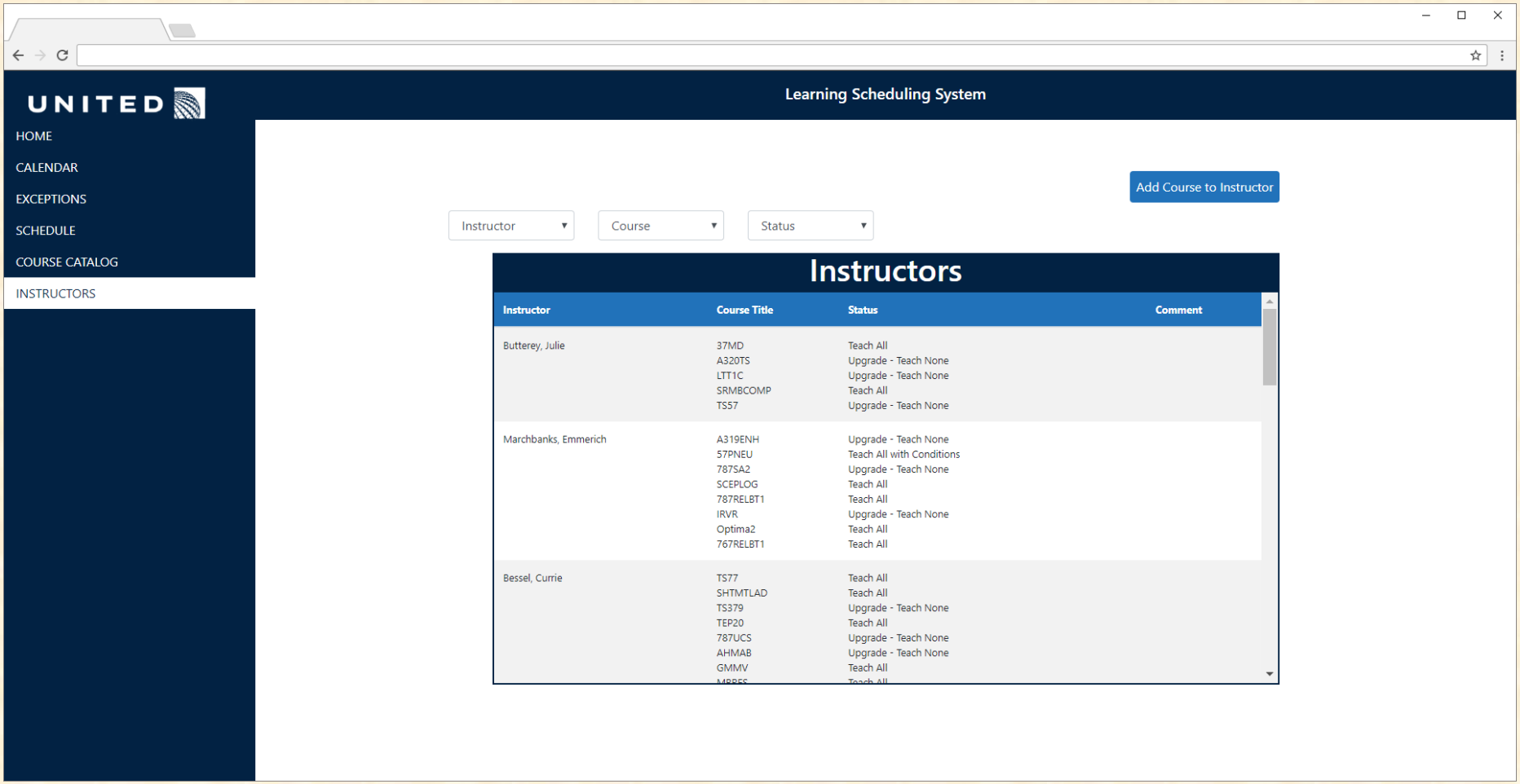
Exceptions Page



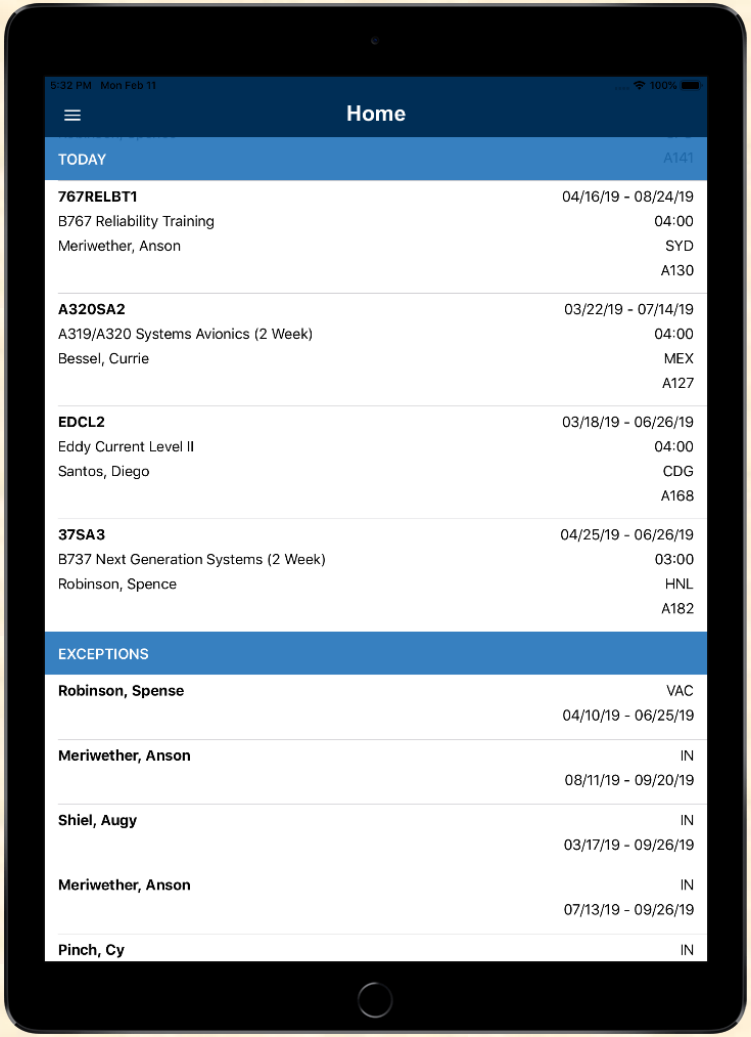
Calendar Page

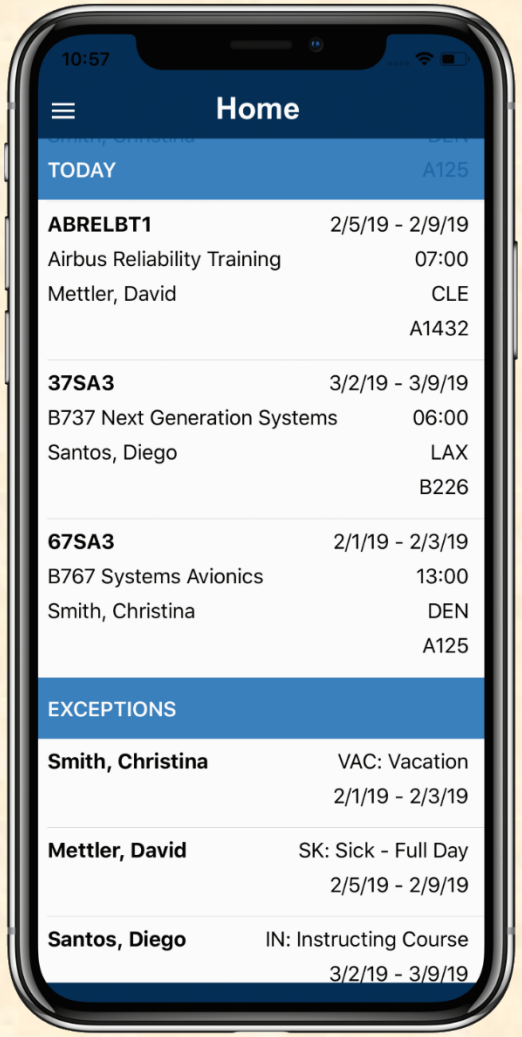


Instructors Page

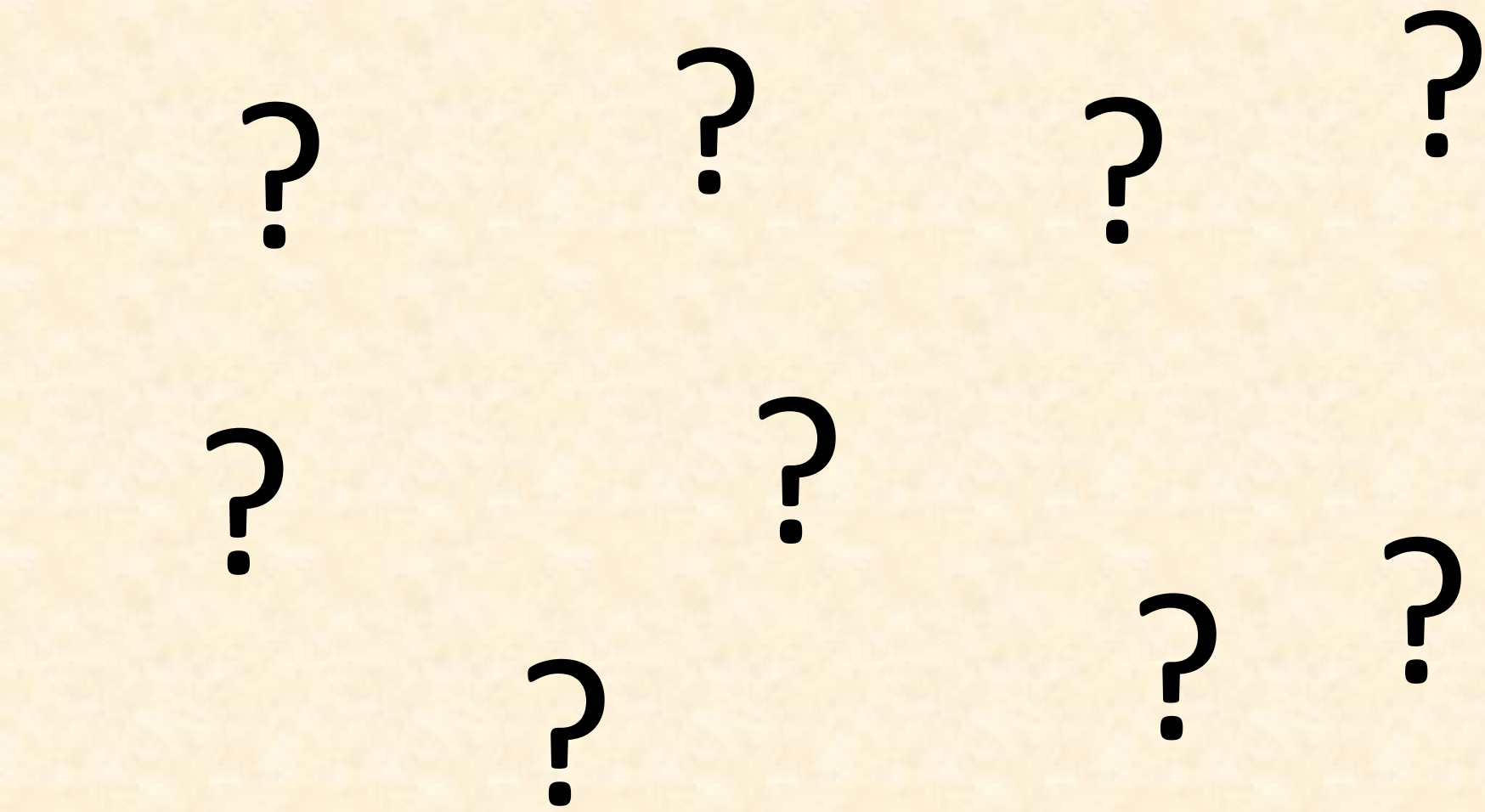


iOS Application





What's left to do?

- Complete and integrate Optimizer
- Implement roles / access levels
- Implement requesting a course
- Finish development of calendars
- Add attendance tracking and roster completion functionality

Questions?