MICHIGAN STATE UNIVERSITY

Beta Presentation

Training Scheduling and Optimization System III

The Capstone Experience

Team United Airlines Training

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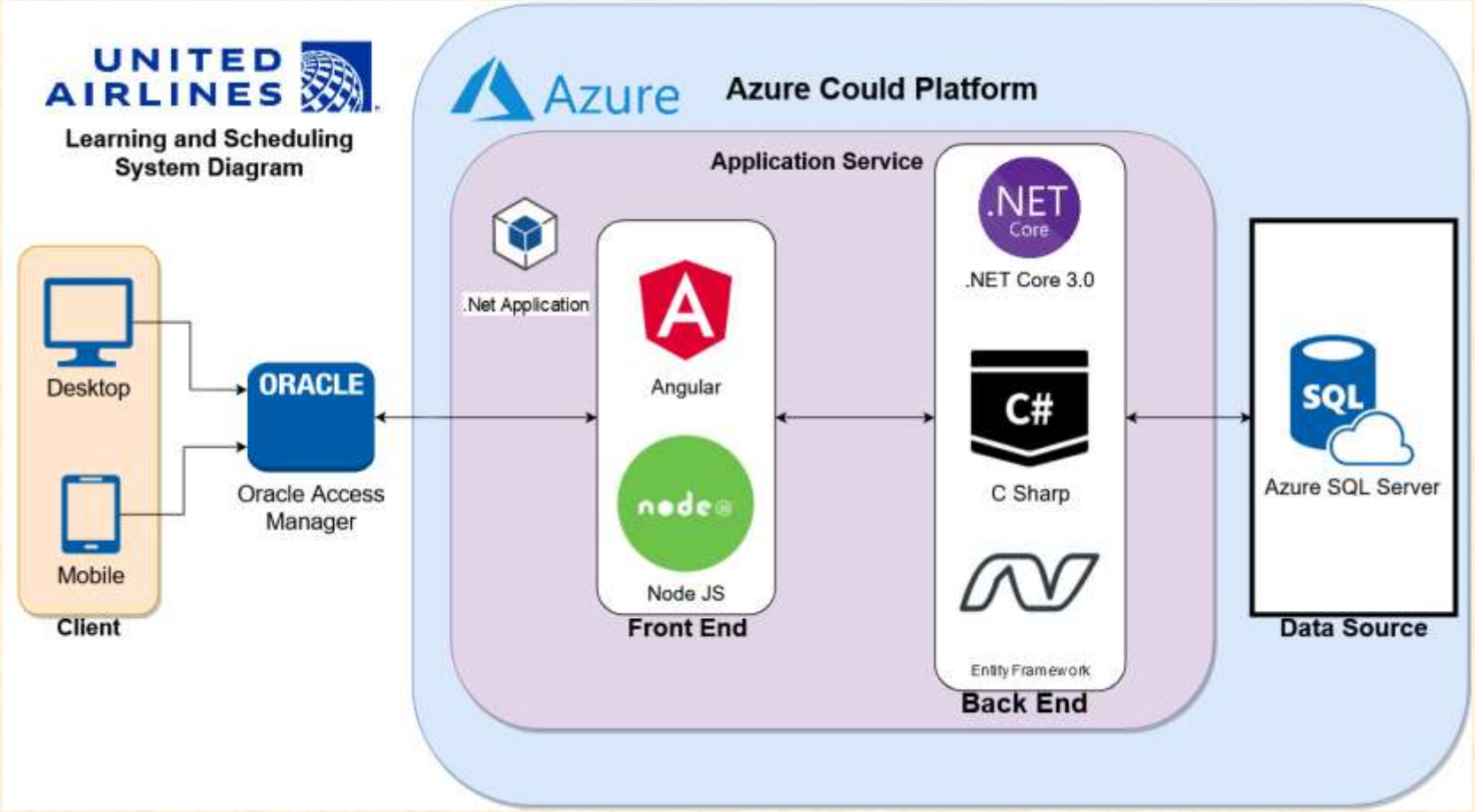
From Students…
…to Professionals

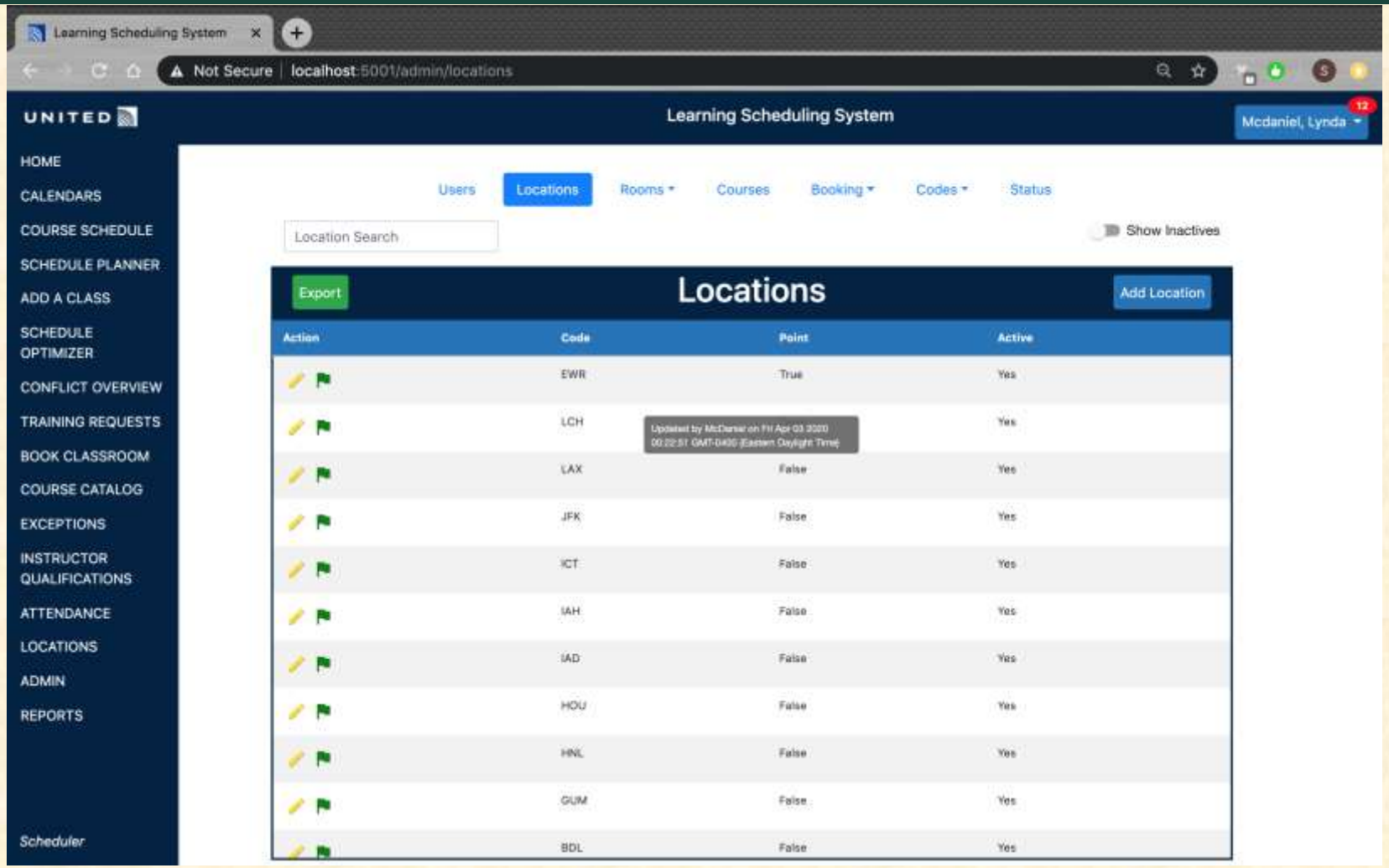
Project Overview

- Improved upon the Learning Scheduling System from the 2 previous capstone teams
- Reimagined scheduling workflow with notification and calendar upgrades
- Build in future scalability for data with administrative pages
- Improve visibility into instructor time usage with reports

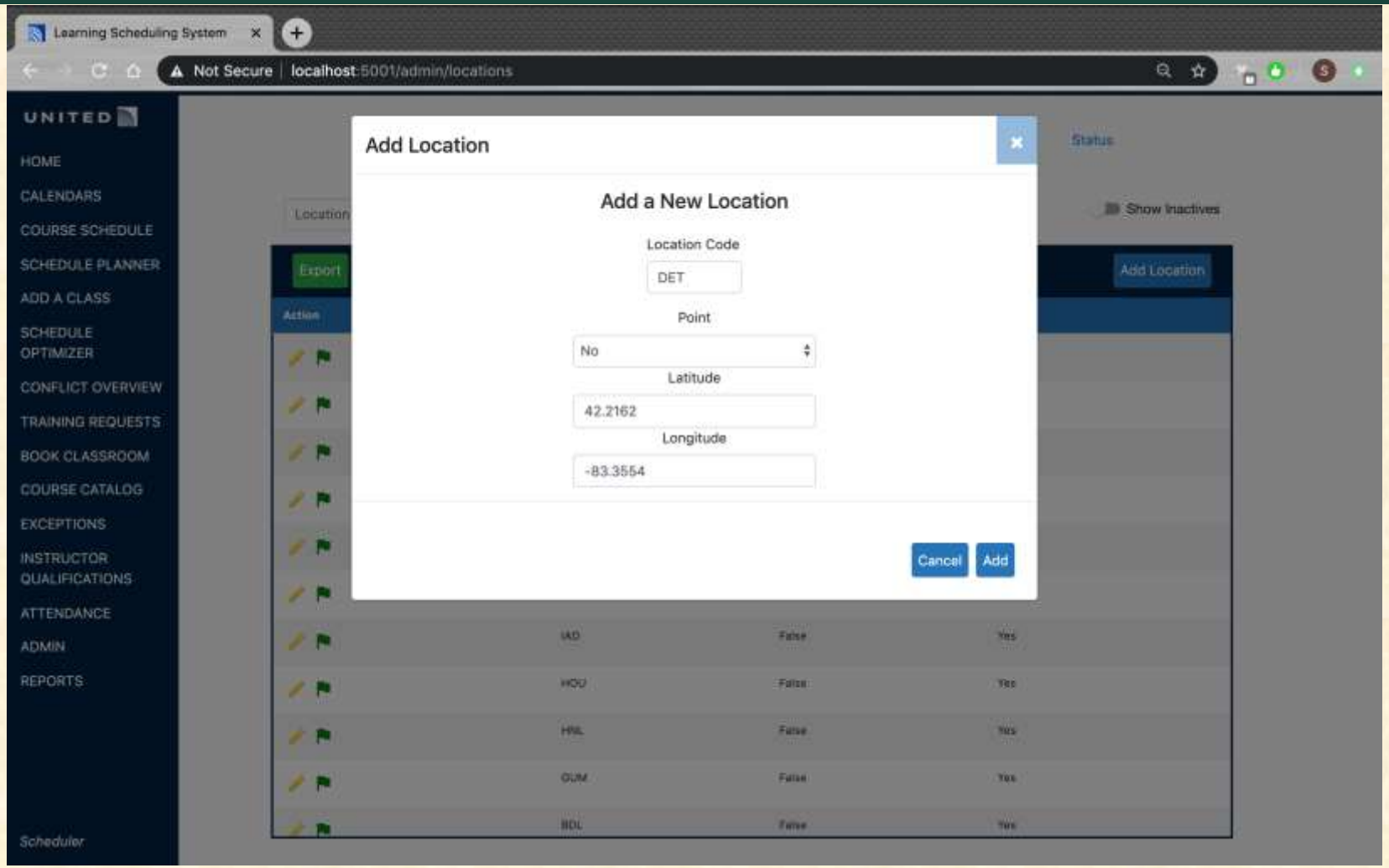
System Architecture



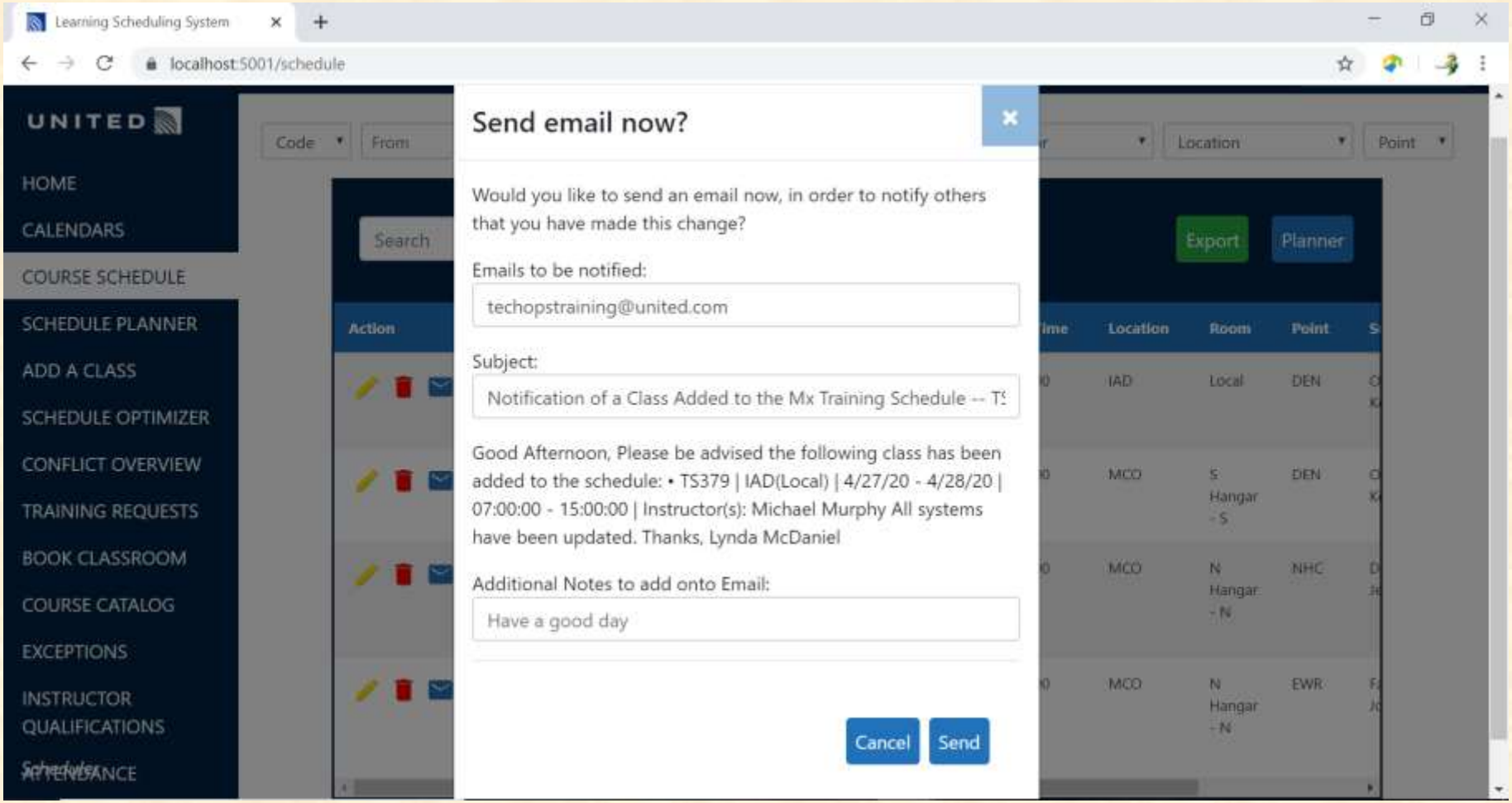
Admin Pages


Learning Scheduling System
Not Secure | localhost:5001/admin/locations
UNITED
Learning Scheduling System
Mcdaniel, Lynda
HOME
CALENDARS
COURSE SCHEDULE
SCHEDULE PLANNER
ADD A CLASS
SCHEDULE OPTIMIZER
CONFLICT OVERVIEW
TRAINING REQUESTS
BOOK CLASSROOM
COURSE CATALOG
EXCEPTIONS
INSTRUCTOR QUALIFICATIONS
ATTENDANCE
LOCATIONS
ADMIN
REPORTS
Scheduler
Users
Locations
Rooms
Courses
Booking
Codes
Status
Location Search
Show Inactives
Export
Locations
Add Location
Action
Code
Point
Active
EWR
True
Yes
LCH
Updated by McDaniel on Fri Apr 03 2020 00:22:51 GMT-0400 (Eastern Daylight Time)
Yes
LAX
False
Yes
JFK
False
Yes
ICT
False
Yes
IAH
False
Yes
IAD
False
Yes
HOU
False
Yes
HNL
False
Yes
GUM
False
Yes
BDL
False
Yes

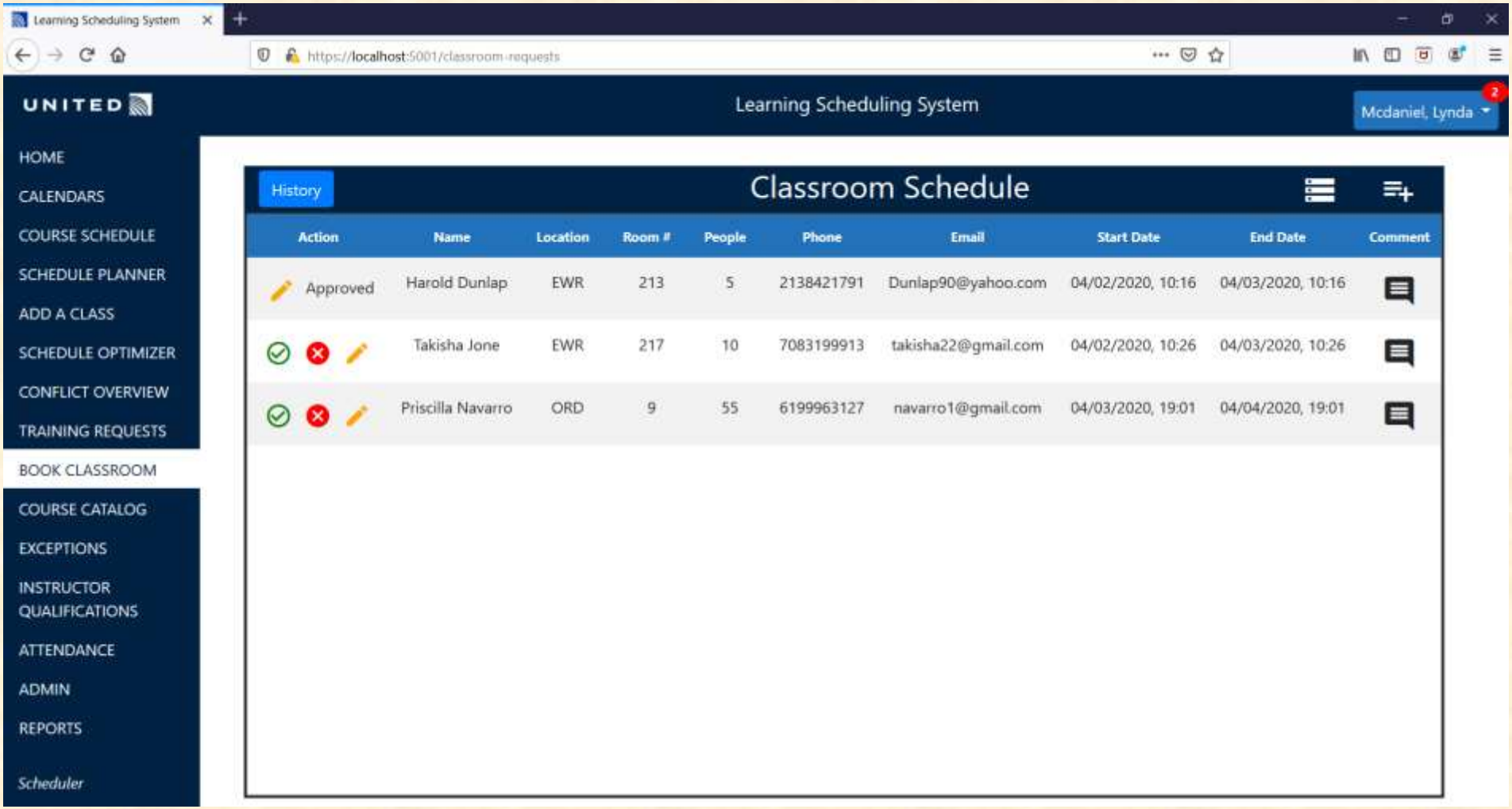
Admin Pages Continued



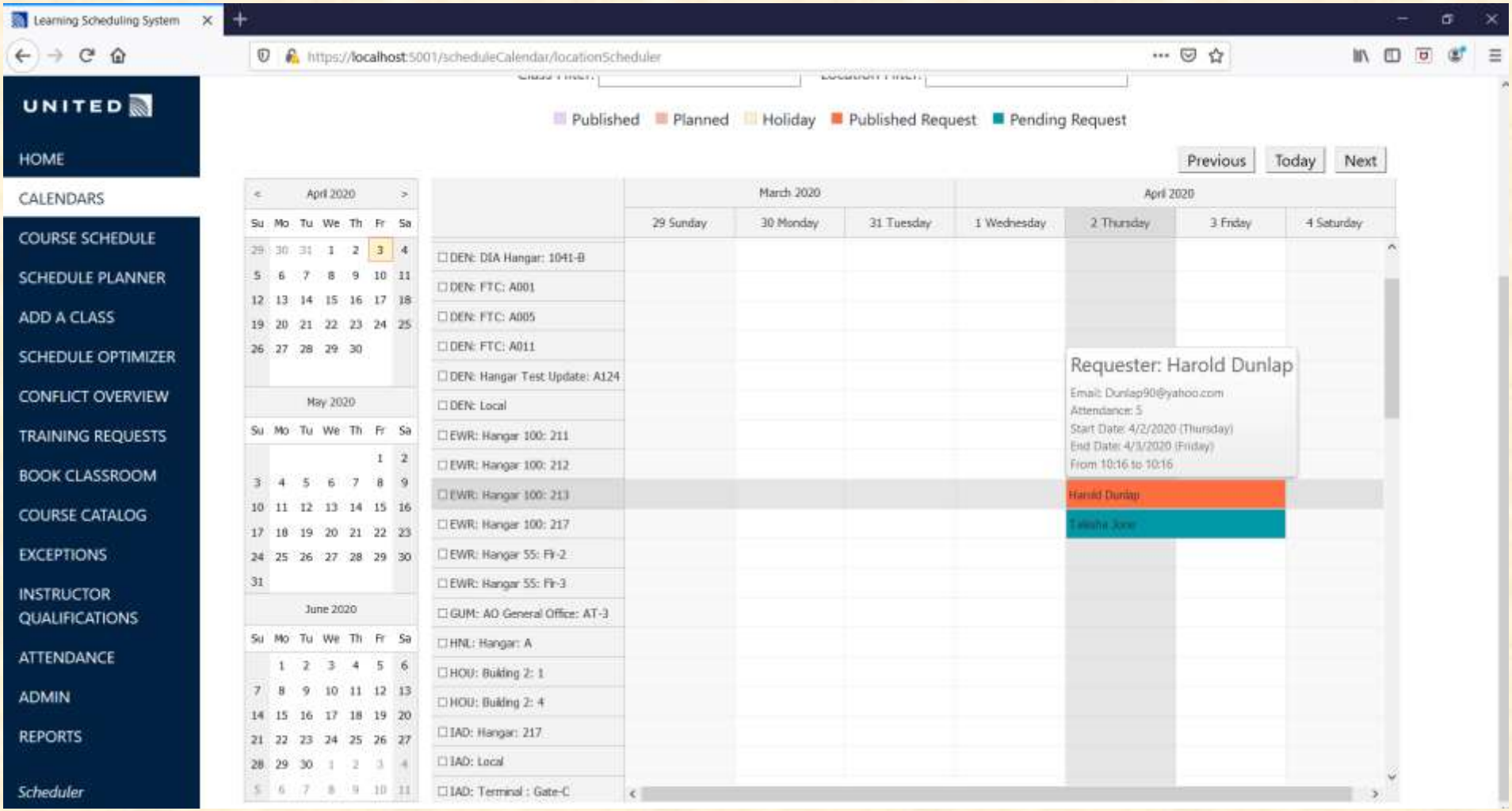
Email Notifications



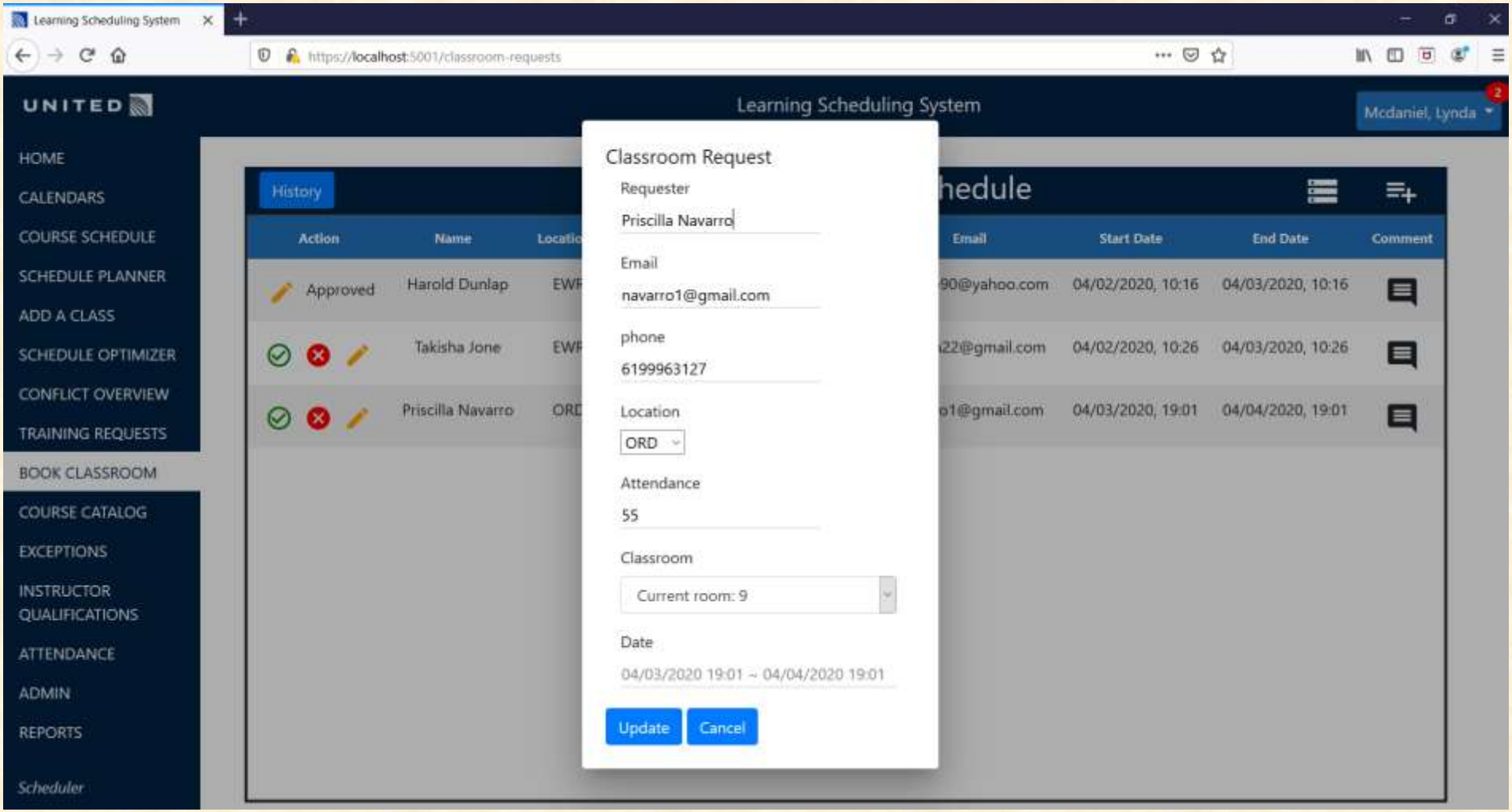
Confirm Classroom Request



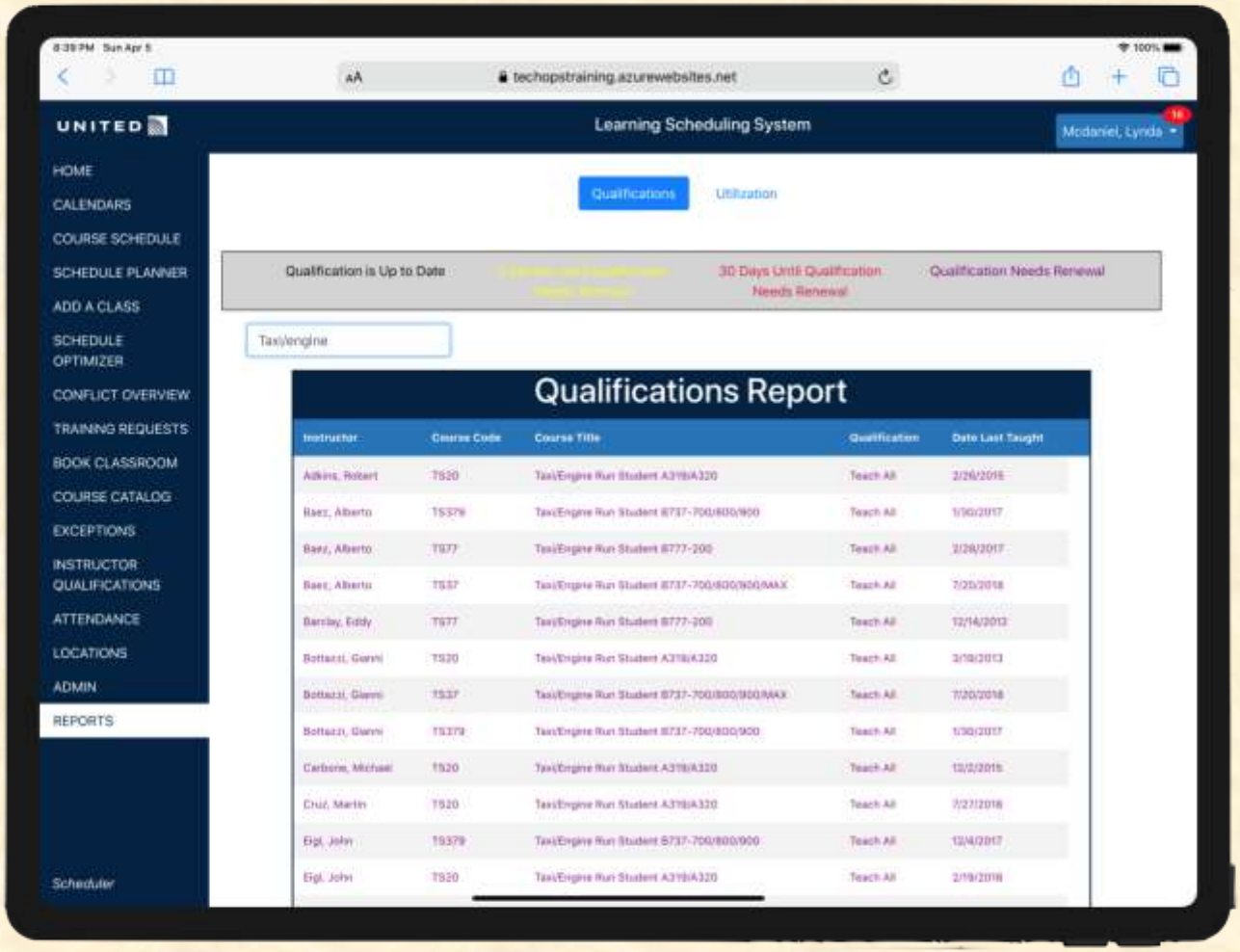
Location Calendar



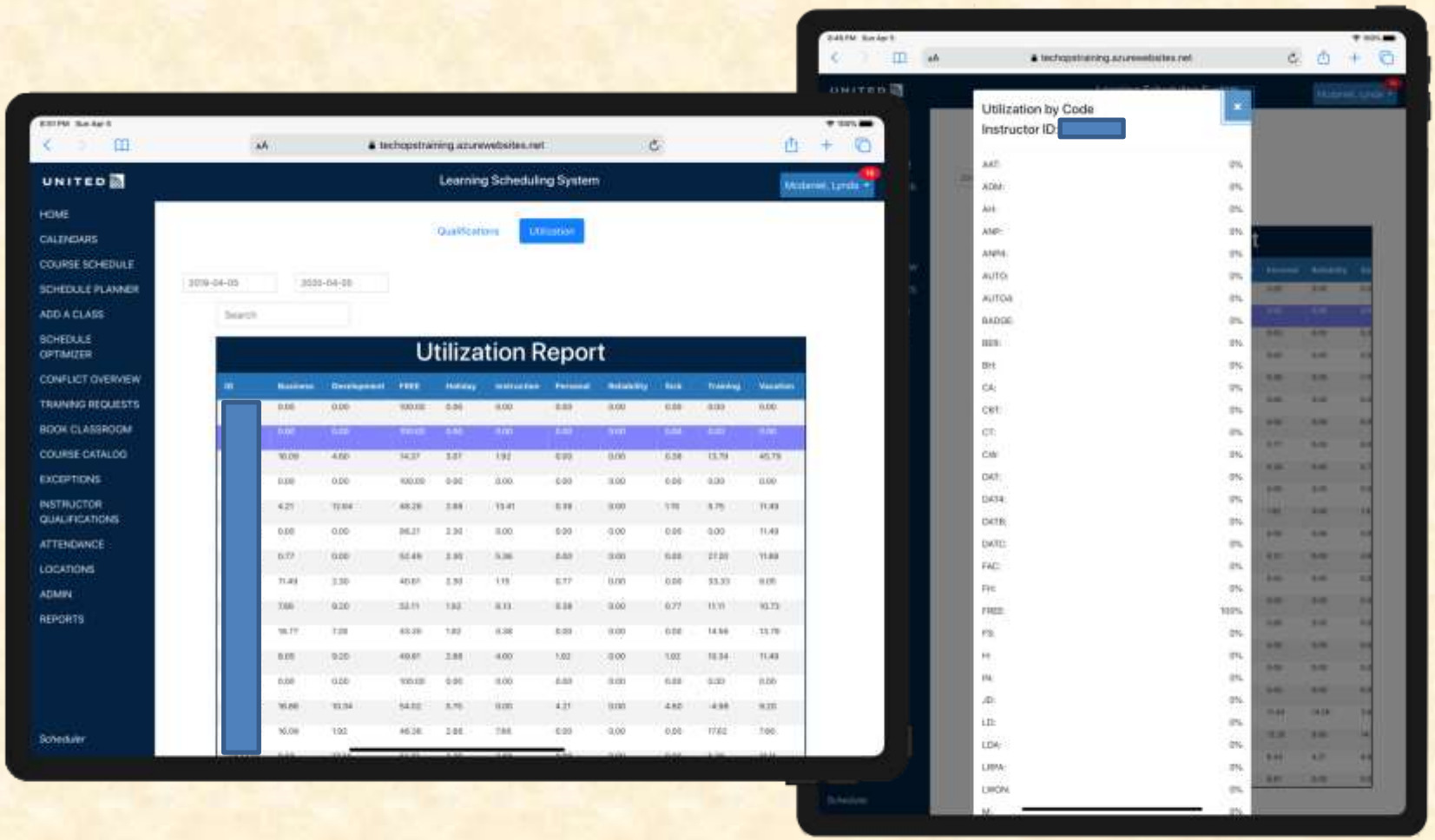
Editing Classroom Request



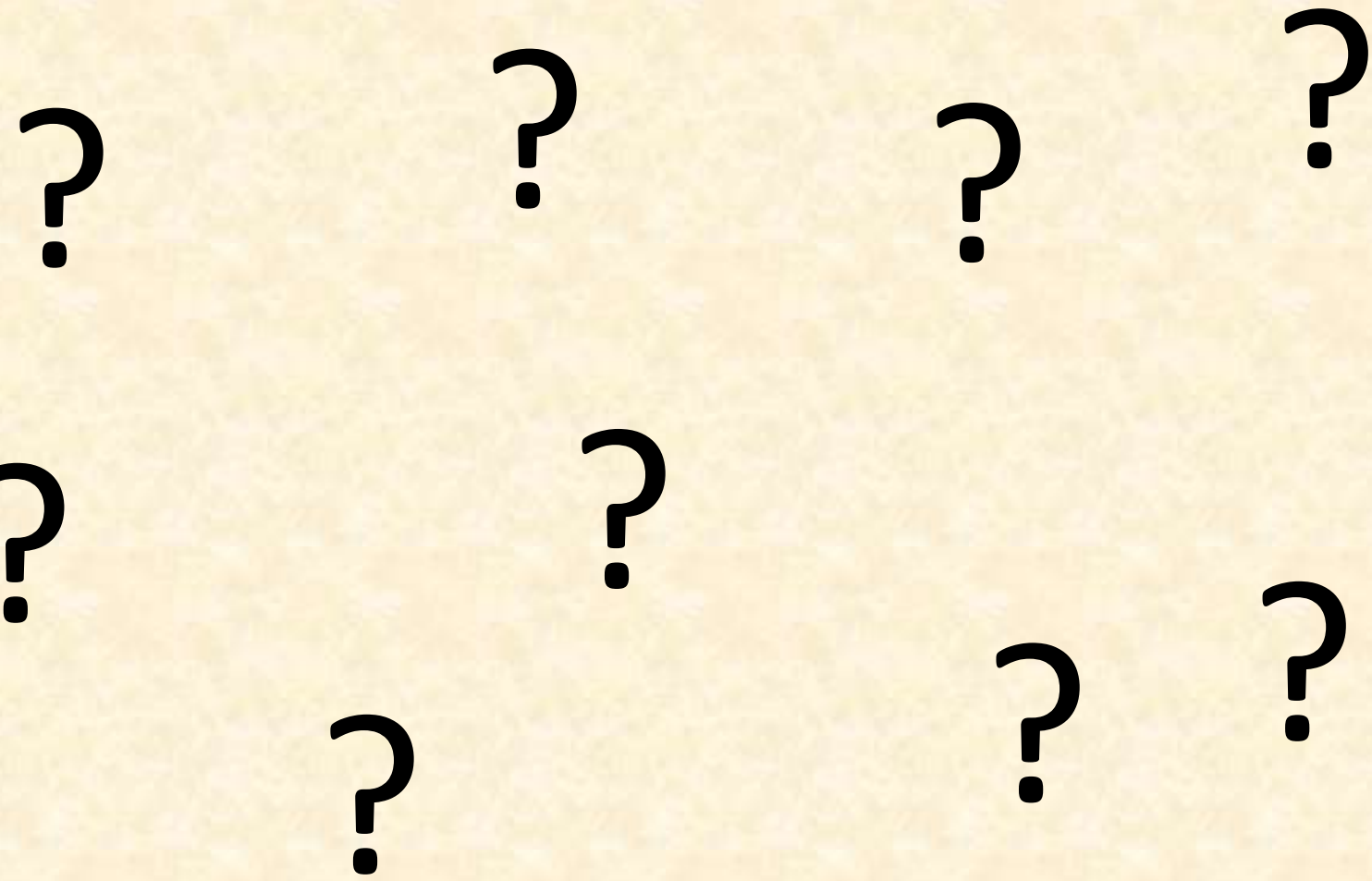
Qualifications Report



Utilization Report



What's left to do?

- Link email notifications to emails in database
- Self-contained application publishing issue
- Additional OAM Field Testing
- FAQ Page Implementation
- Optimizer Testing
- Bug Resolution

Questions?