

MICHIGAN STATE

UNIVERSITY

Beta Presentation

Airport Lounge Management System

The Capstone Experience

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From Students...
...to Professionals

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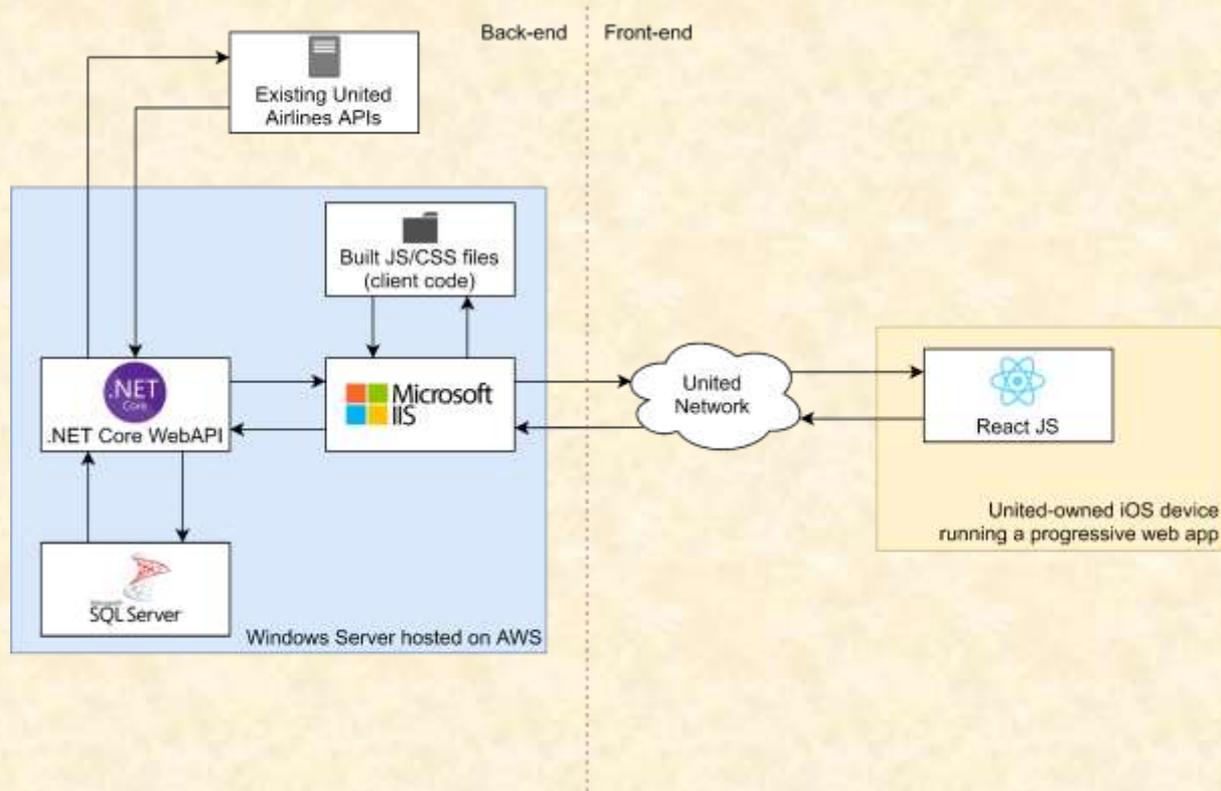
Fall 2020

Project Overview

- United Airlines provides lounges for customers
- Our system manages these lounges to provide customers with a better experience
- This is accomplished through the automation of administrative tasks
- This results in a better customer experience by allowing staff to focus on interacting with customers, giving the appearance of a higher staff to customer ratio



System Architecture



Waitlist Page

UNITED

Jeff Johnson
UG00208

COMMUNITY

CUSTOMER

AMENITY

Waiting List Management

Daybed Shower À la carte

ADD TIME *	CUSTOMER †	FLIGHT NUMBER ‡	OPERATION †
3:20 pm	LIHOU/EVAN	UA1134	Remove Assign
6:33 pm	PATEL/DEVEN	UA7389	Remove Assign
1:13 pm	PATEL/DEVEN	UA7893	Remove Assign
1:30 pm	JAMES/DEVEN	UA7893	Remove Assign
6:15 pm	JESSIE/JOCK	UA7893	Remove Assign
6:35 pm	RHODES/AUSTIN	UA9830	Remove Assign
6:35 pm	MACBRIEN/JACOB	UA7389	Remove Assign

Estimated Wait Time: 35 min



Manually Add Customer to Waitlist

UNITED

Jeff Johnson
U600208

COMMUNITY

CUSTOMER

AMENITY

Add New Customer

Last Name:

First Name:

Phone:

Flight:

Reservations

- DayBed
- Shower
- à la carte



Amenity Management Page

UNITED

Jeff Johnson
U600208

COMMUNITY

CUSTOMER

AMENITY

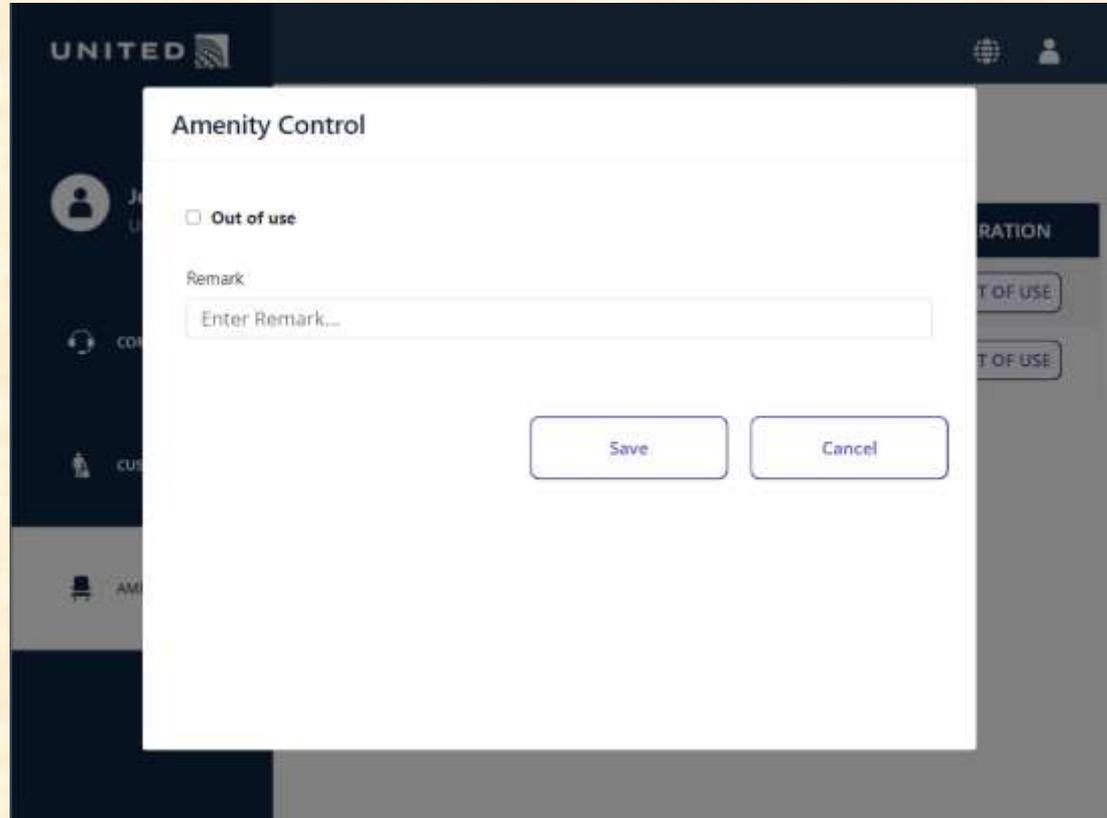
Amenity Management

Daybed Shower À la carte

AMENITY	AVAILABILITY	TIME	REMARK	OPERATION
Daybed 1	OUT OF USE	00:00:00	Here is a new remark!	OUT OF USE
Daybed 2	AVAILABLE	00:00:00	-	OUT OF USE



Amenity Management Screen



The screenshot displays the United Airlines interface with a dark blue header containing the 'UNITED' logo and a globe icon. A white dialog box titled 'Amenity Control' is centered on the screen. Inside the dialog, there is a checkbox labeled 'Out of use' which is currently unchecked. Below this is a 'Remark:' label followed by a text input field containing the placeholder text 'Enter Remark...'. At the bottom of the dialog are two buttons: 'Save' and 'Cancel'. The background shows a sidebar with icons for user profile, communication, and customer service, and a main area with a 'REGISTRATION' button and two 'OUT OF USE' buttons.



What's left to do?

- Clean up code
- Style improvements
- Testing



Questions?

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