Beta Presentation
OfficeBuddy
The Capstone Experience
Team Urban Science
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Project Overview

• Encourages collaboration in the workplace
• Enables flexibility with coming into the office
• Allows for easy event and meeting generation
• Recognizes employees with high participation
• Employees know when their groups or favorites are going into the office
System Architecture

Frontend

Angular

Angualr Material

HTML5

CSS3

TypeScript

.NET Core

C#

Dapper

Middleware

Microsoft Azure

SQL Database

Backend

The Capstone Experience

Team Urban Science Beta Presentation
Seating Chart Reservation
Seating Chart Reservation – List View

<table>
<thead>
<tr>
<th>Desk Number</th>
<th>Desk State</th>
<th>Reserved By</th>
<th>Reserve Now</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Open</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Open</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Open</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Reserved</td>
<td>adminRegister</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Reserved</td>
<td>userRegister</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Open</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Open</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Reserved</td>
<td>managerRegister</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Open</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Open</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Open</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>
User Profile Page
User Profile with Admin Utility
Home Page Calendar
Home Page Event Chat Stream
Groups, Favorites, Buddy Points
Notifications
Update Events and Event Voting
Edit Existing Events
Scheduling Event Based on Votes

[Image of event scheduling interface]
Create Event with Date and Time
Create Event with Voting for Times
Calendar Day View
Calendar Week View
What’s left to do?

• Features
  ▪ Show favorites on calendar
  ▪ Match color status of seats with reservations

• Stretch Goals
  ▪ More admin utility
  ▪ Multiple floors for seating chart

• Other Tasks
  ▪ Fix up UI variables
  ▪ Update chat synchronously
  ▪ Refresh components with new data
  ▪ Clean database of unused data
Questions?