

**MICHIGAN STATE**  

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**UNIVERSITY**

# Beta Presentation OfficeBuddy

The Capstone Experience

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*From Students...  
...to Professionals*

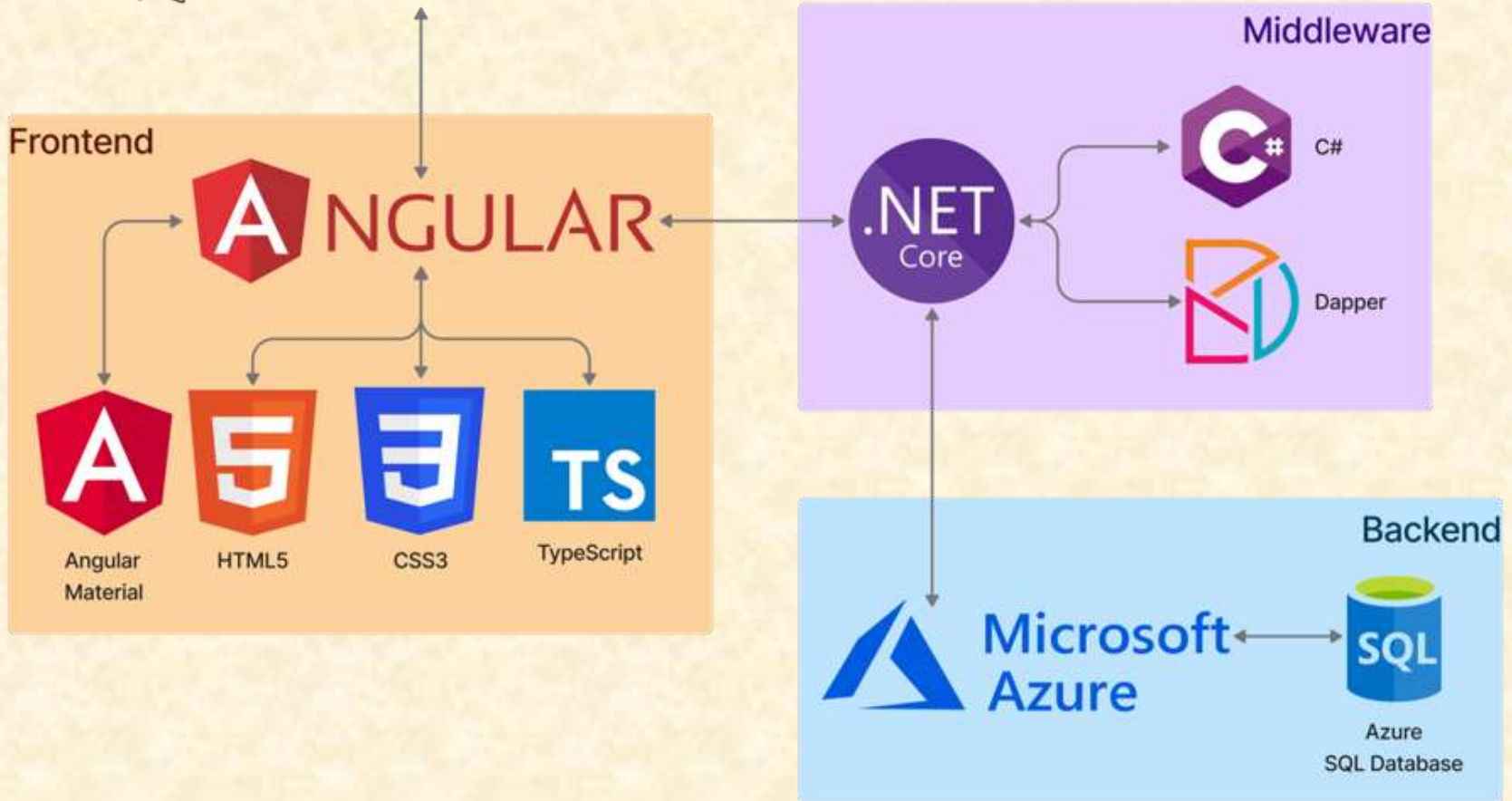
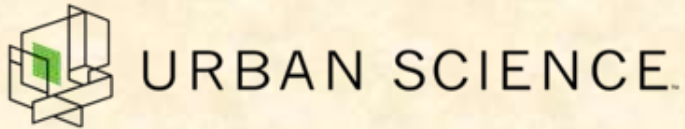
# Project Overview

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- 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



# Seating Chart Reservation

The screenshot displays the 'OfficeBuddy > Seating Chart' interface. The main area shows a grid of desks, each with a set of seats represented by colored rectangles (green, red, blue, grey). A large black rectangle indicates a reserved desk. A modal window titled 'Reservation' is open in the center, showing 'Reserved Desk: 4' and 'Date: 4/5/2023'. The modal has 'Cancel' and 'Reserve' buttons. On the right side of the interface, there is a 'Seat Selected - 4' label and a 'Reserve Seat' button.



# Seating Chart Reservation – List View

OfficeBuddy > Seating Chart - List View

Enter a date

Search

Desk Number	Desk State	Reserved By	
1	Open	N/A	<a href="#">Reserve Now</a>
2	Open	N/A	<a href="#">Reserve Now</a>
3	Open	N/A	<a href="#">Reserve Now</a>
4	Reserved	adminRegister	<a href="#">Reserve Now</a>
5	Reserved	userRegister	<a href="#">Reserve Now</a>
6	Open	N/A	<a href="#">Reserve Now</a>
7	Open	N/A	<a href="#">Reserve Now</a>
8	Reserved	managerRegister	<a href="#">Reserve Now</a>
9	Open	N/A	<a href="#">Reserve Now</a>
10	Open	N/A	<a href="#">Reserve Now</a>
11	Open	N/A	<a href="#">Reserve Now</a>



# User Profile Page

OfficeBuddy > Profile

Search

### User Profile

**First Name:**  
Admin

**Last Name:**  
Account

**Old Password:**  
Old Password

**New Password:**  
New Password

**Email:**  
adminRegister@test.com

Save Changes

### Admin Functions

[Company Directory](#) [Create Groups](#) [Manage Groups](#) [Register Accounts](#)

### Company Directory

Search

userRegister	SWE	userRegister@test.com	User Account	
JacobMiller2	SWE	user@example.com	Jacob Miller	
managerRegister	SWE	managerRegister@test.com	Manager Account	
griffin	Much Better than Tommy	griffin@gmail.com	Griffin Kievering	



# User Profile with Admin Utility

The screenshot displays a web application interface for user management. At the top left, there is a navigation menu icon followed by the text "OfficeBuddy > Profile". At the top right, there are icons for search, notifications (with a red badge), and a user profile icon.

The main content area is divided into two columns:

- User Profile:** This section contains several form fields for editing user information:
  - First Name:** Input field containing "Admin".
  - Last Name:** Input field containing "Account".
  - Old Password:** Input field containing "Old Password".
  - New Password:** Input field containing "New Password".
  - Email:** Input field containing "adminRegister@test.com".A "Save Changes" button is located at the bottom of this section.
- Create Groups:** This section includes:
  - An "Add members" dropdown menu.
  - A "Group Name:" input field.
  - A "Create Group" button.
- Manage Groups:** This section displays a list of groups with a dropdown menu for each:
  - Group 1: "Does this work?" (dropdown arrow)
  - Group 2: "test" (dropdown arrow)
  - Group 3: "Test121" (dropdown arrow)
  - Group 4: "test again" (dropdown arrow)

# Home Page Calendar

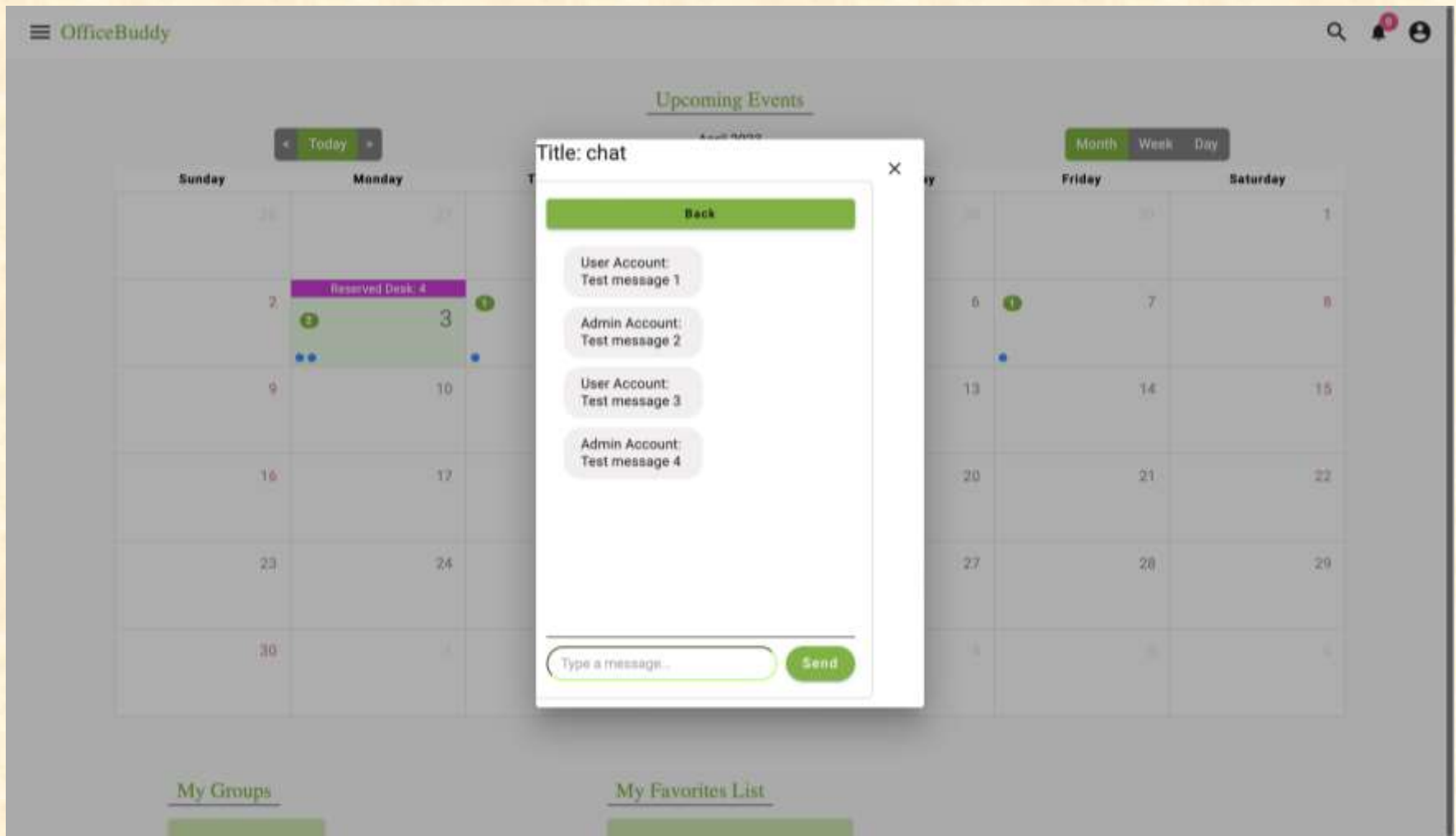
The screenshot shows the OfficeBuddy home page calendar. At the top left is the OfficeBuddy logo. At the top right are search, notification, and user profile icons. The main section is titled "Upcoming Events" and shows a calendar for April 2023. The calendar is currently set to "Month" view. A "Today" button is visible above the calendar. The calendar grid shows dates from Sunday to Saturday. A "Reserved Desk. 4" event is highlighted in purple on Monday, April 3rd. Other events are indicated by green circles with numbers (1, 2, 3) and blue dots. Below the calendar are sections for "My Groups" and "Favorites in the Office Today".

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
24	27	28	29	30	31	1
2	Reserved Desk. 4 3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	1	2	3	4	5	6





# Home Page Event Chat Stream



# Groups, Favorites, Buddy Points

The screenshot displays the OfficeBuddy application interface. At the top left, there is a hamburger menu icon and the text "OfficeBuddy". At the top right, there are icons for search, notifications (with a red badge), and a user profile. Below the header is a calendar grid showing dates from 16 to 31. A blue dot is visible on the 16th. Below the calendar are three main sections:

- My Groups:** A vertical green card with three group entries, each featuring a person icon and text: "Does this work?", "test", and an unlabeled entry.
- Favorites in the Office Today:** A vertical green card with a "+ Add a new Favorite" button at the top. Below it is a list of four email addresses, each with a trash icon to its right: "beachjo3@msu.edu", "griffin@gmail.com", "jacobmiller@gmail.com", and "user@example.com".
- Buddy Points:** A vertical green card showing "220 Buddy Points" and a "Cash In" button.



# Notifications

The screenshot displays the OfficeBuddy application interface. On the left, a calendar for April 2023 is visible, with a 'Reserved Deck 4' event on Monday, April 3rd. The notification panel on the right contains two messages:

- Event Invite:** Admin invited you to event: event with admin from user. Includes 'X' and '✓' icons.
- Favorite In Office:** Account, User will be in the office on 4, 8 2023!

At the bottom of the calendar, there are sections for 'My Groups' and 'My Favorites List'.

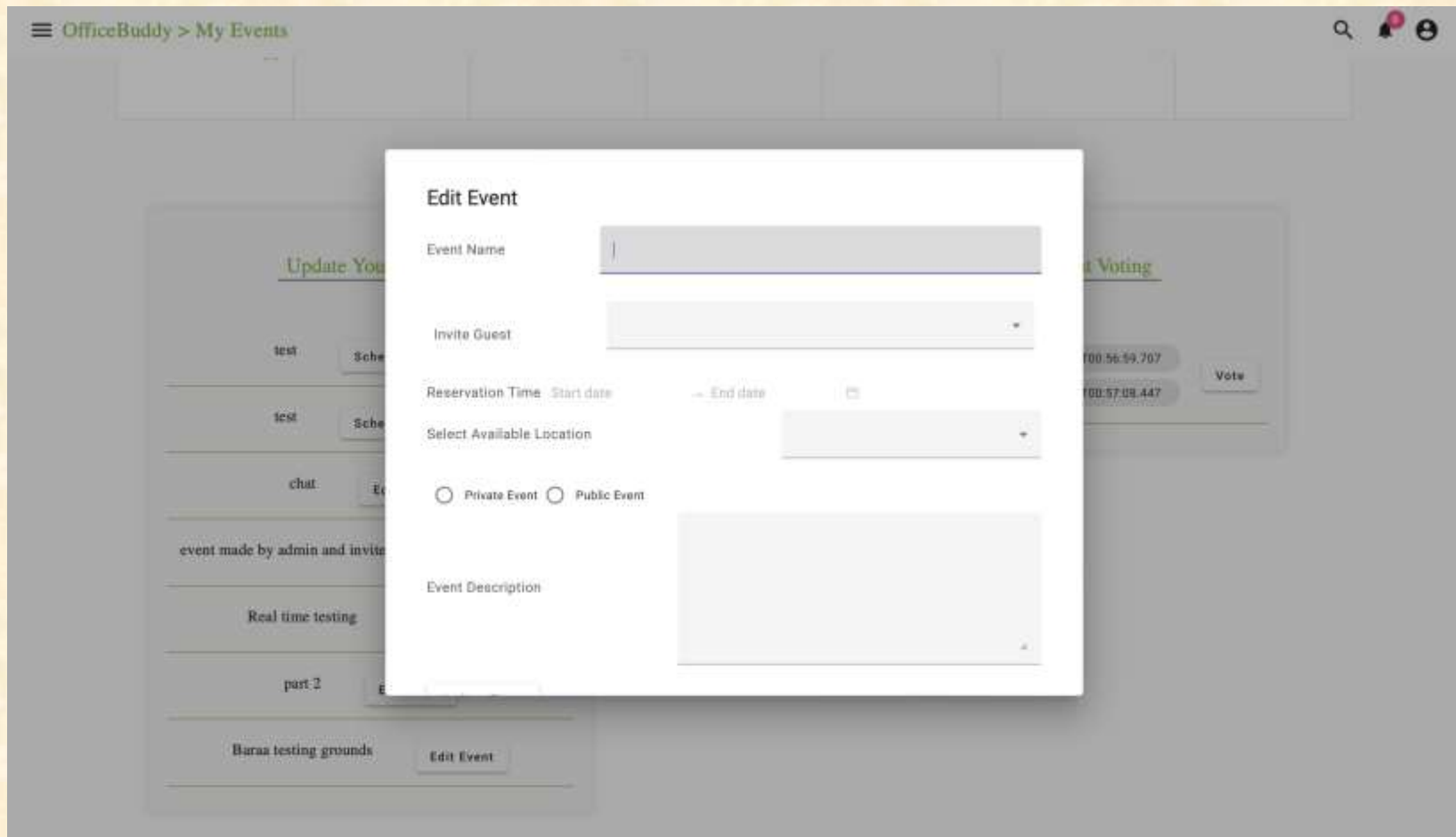


# Update Events and Event Voting

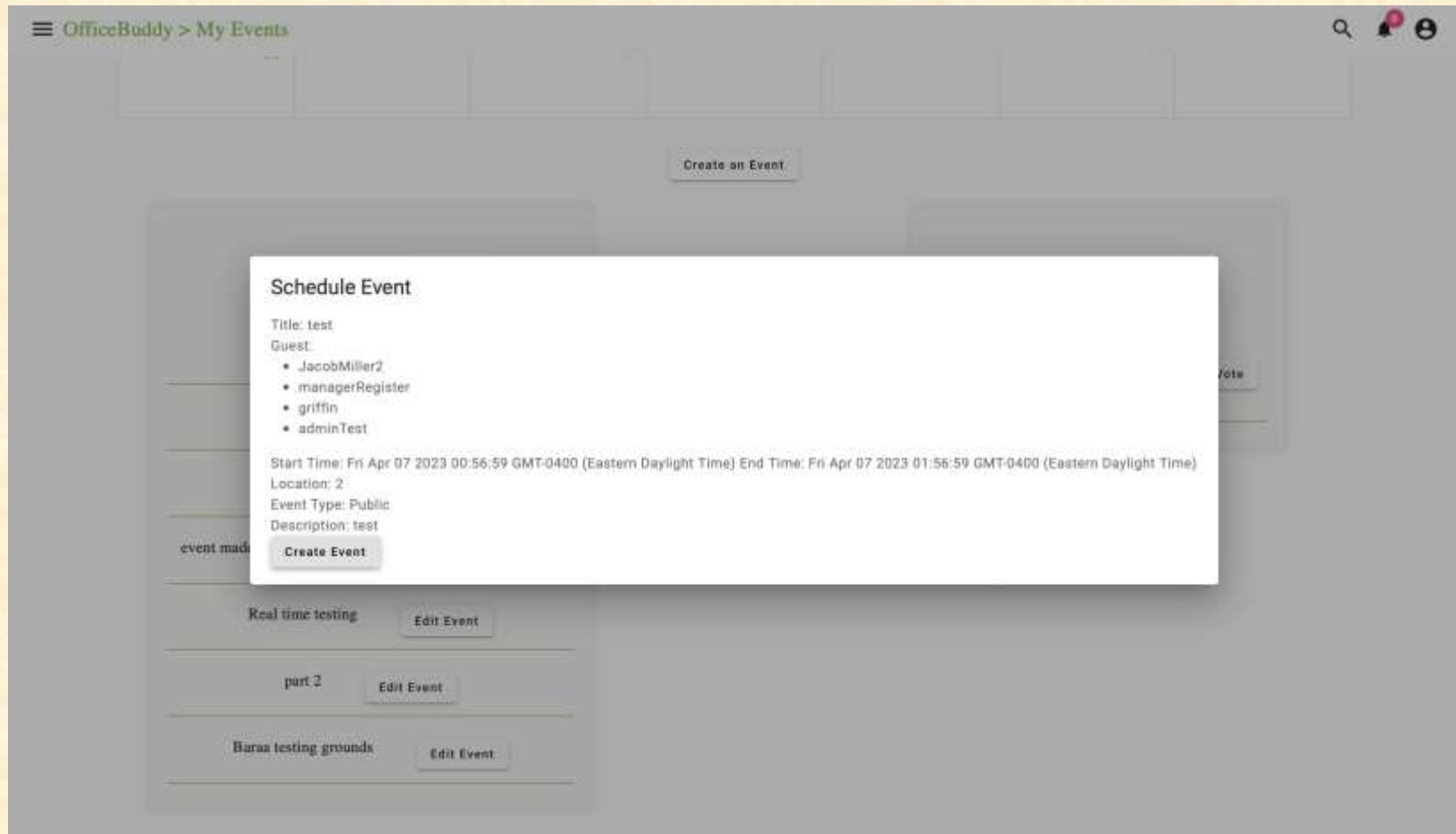
The screenshot displays the 'OfficeBuddy > My Events' interface. At the top, there is a navigation bar with a search icon, a notification bell with a red badge, and a user profile icon. Below the navigation bar, a 'Create an Event' button is centered. The main content area is divided into two panels. The left panel, titled 'Update Your Events', contains a list of event entries, each with a text label and an action button: 'test' with 'Schedule Event', 'test' with 'Schedule Event', 'chat' with 'Edit Event', 'event made by admin and invited user' with 'Edit Event', 'Real time testing' with 'Edit Event', 'part 2' with 'Edit Event', and 'Baraa testing grounds' with 'Edit Event'. The right panel, titled 'Event Voting', shows a 'test' label followed by two event IDs in rounded rectangles: '2023-04-07T00:56:59.707' and '2023-04-08T00:57:08.447', with a 'Vote' button to the right of the second ID.



# Edit Existing Events



# Scheduling Event Based on Votes



# Create Event with Date and Time

OfficeBuddy > Create an Event

Event Name

Invite Guest

Reservation Time  -

ALL DAY

Select Available Location

Private Event  Public Event

Event Description



# Create Event with Voting for Times

OfficeBuddy > Create an Event

**Event Name**

**Invite Guest**

Add Voting For Date and Time

**Suggest Date and Time**

Add multiple dates for your event and let your invitees vote on the best time for them

Start date  - End date

**Select Available Location**

Private Event  Public Event

**Event Description**





# Calendar Day View

The screenshot shows the OfficeBuddy interface in a day view. At the top left is the OfficeBuddy logo. At the top right are search, notification, and user profile icons. The main header area contains the text "Upcoming Events" and "Friday, April 7, 2023". Below this is a navigation bar with "Today" selected, and "Month", "Week", and "Day" options. The calendar grid shows a vertical time axis on the left from 12 AM to 1 PM. A blue event bar is visible between 12 AM and 1 AM, labeled "test".



# Calendar Week View

The screenshot displays the OfficeBuddy calendar interface in a week view. At the top left, the OfficeBuddy logo is visible. On the top right, there are icons for search, notifications, and user profile. The main header area includes the text "Upcoming Events" and the date range "Apr 2 - Apr 8, 2023". Below this, there are navigation buttons for "Today", "Month", "Week", and "Day", with "Week" currently selected. The calendar grid shows days of the week from Sunday (Apr 2) to Saturday (Apr 8). The time slots on the left range from 12 AM to 12 PM. A single blue event block is visible on Friday, April 7th, between 1 AM and 2 AM.

	Sunday Apr 2	Monday Apr 3	Tuesday Apr 4	Wednesday Apr 5	Thursday Apr 6	Friday Apr 7	Saturday Apr 8
12 AM							
1 AM						Event	
2 AM							
3 AM							
4 AM							
5 AM							
6 AM							
7 AM							
8 AM							
9 AM							
10 AM							
11 AM							
12 PM							



# 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?

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