



CONFERENCE BOOKING APP

Canvas App

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Overview

The Conference Booking App is designed to streamline the process of booking and managing conference rooms within an organization. Built on Microsoft's Power Platform, this app provides a cohesive and user-friendly experience. The app aims to simplify the booking process, enhance resource management, and improve overall efficiency and productivity within the workplace.



Problem Statement

Many companies have multiple conference rooms that require advance booking to conduct their meetings efficiently. Additionally, small companies with limited office space often need to hold business meetings, board meetings, and other events outside of their office premises. Consultant companies that rent out their spaces for meetings also face challenges in managing bookings.



Challenges

- Double bookings and scheduling conflict
- Lack of real-time availability
- Manual booking process
- Poor utilization of spaces



Solutions and Objectives

- Centralized Booking System
- User-Friendly Interface
- Real-Time Availability
- Integration with Excel
- Mobile Access



Solution Design

Technical Architecture

- **Canvas App Development:** Develop the Conference Booking App using Power Apps, ensuring a user-friendly interface for seamless navigation and task management.
- **Sheets Integration:** Utilize Google Sheets as the primary data source for storing and managing tables like 'Member Master', 'Conference Master', 'Conference Booking'.

Datasource

- **Conference Booking Table:** ID, Conference, RequiredBy, Purpose, StartDateTime, EndDateTime.
- **Conference Master Table:** ID, Conference.
- **Member Master Table:** ID, Member.



Workflow

- **Task/Issue Lifecycle:**

- ✓ Conference Creation-> Add Details->Book Time slot-> Dataset Updated.
- ✓ Conference Edit-> Update Details->Book New Time slot-> Dataset Updated.

- **Task Assignment Logic:**

- ✓ Logic for conference room allocation is based on available rooms for that time slot.



Elements, Components and Functions

- **Gallery:** Display control presenting data from a data source, allowing various layouts for showing records or items.
- **Buttons:** Interactive controls triggering actions or navigation within the app upon user clicks or taps.
- **Icons:** Visual cues representing actions, categories, or functionalities within the app for intuitive user interaction.
- **Images:** Display elements showcasing visual content such as pictures or graphics to enhance user experience.
- **Labels:** Text elements for providing context, descriptions, or captions in the app's interface.
- **Text Inputs:** Controls enabling users to enter and edit textual data within the app, such as text boxes or input fields.
- **Dropdowns:** Interactive controls offering a list of options for users to select from within the app



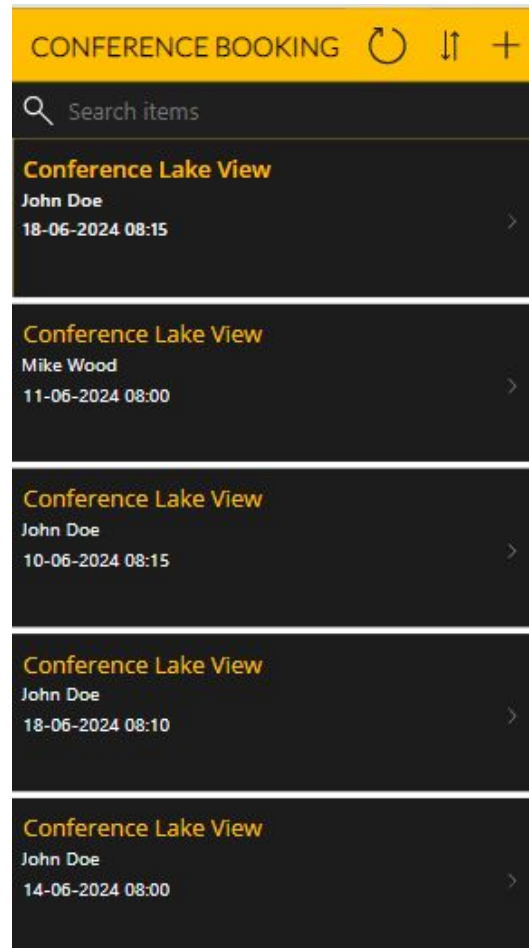
Elements, Components and Functions

- **Set():** Assigns a value to a variable or a control property within the app.
- **Navigate():** Transitions the user to a different screen within the app or opens a web link or email.
- **Patch():** Modifies or creates a record in a data source, applying changes to specific fields.
- **SortbyColumns():** Arranges records in ascending or descending order based on specified columns.
- **Defaults():** Returns the default value for a data card or a control within a form.
- **Lookup():** Searches for a single record in a data source based on specified criteria.
- **Text():** Converts values to text with specific formatting.
- **UpdateContext():** Creates or updates temporary context variables within a screen.



User Interface and Functionalities

Main Screen



User Interface and Functionalities

Booking Screen

CONFERENCE BOOKING

ID

31

Start Date Time

18-06-2024 08:15

07-Jun-2024 08:00

End Date Time

18-06-2024 09:15

07-Jun-2024 08:00

Purpose

Morning Meetup

RequiredBy

John Doe

Conference

Open Conference

CONFERENCE BOOKING

Purpose

Morning Meetup

RequiredBy

John Doe

Conference

Open Conference

MAIN

LAKE VIEW

MINI 1st

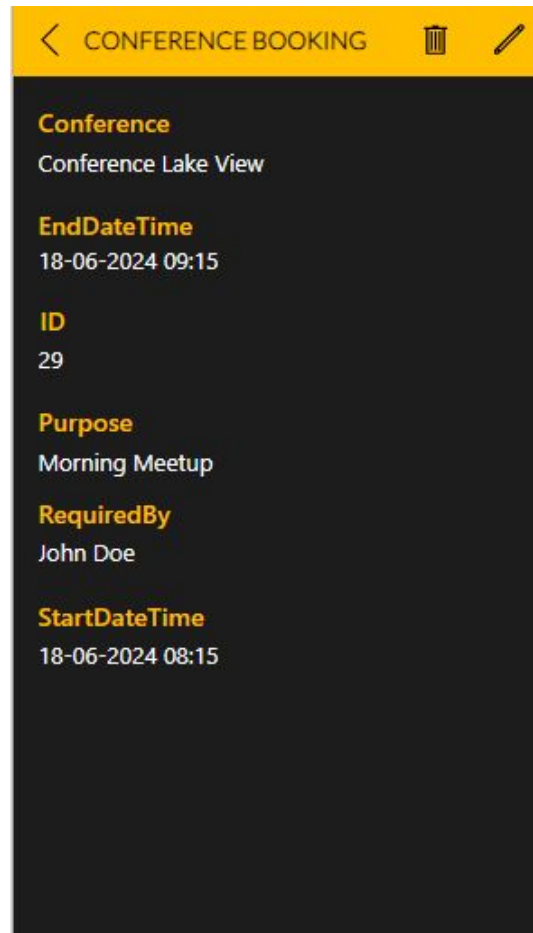
MINI 2nd

OPEN



User Interface and Functionalities

Details Screen




User Interface and Functionalities

Exception Handling


× CONFERENCE BOOKING ✓

ID

Start Date Time


  ▼
Start Date must be greater than 6/7/2024.

End Date Time

  ▼
End date must be greater than 6/7/2024

Purpose
 ▼

RequiredBy
 ▼

Conference 

THANK YOU
