

Coffee Machine App - README

Overview

The Coffee Machine App is a user-friendly Power App designed to streamline the process of selecting, customizing, and ordering coffee. The app provides a simple interface for users to choose their preferred coffee options, adjust ingredients, and place an order, making it ideal for cafes or offices with coffee machines.

Features

- Menu Selection: Browse a list of available coffee types (e.g., Espresso, Cappuccino, Latte).
- Customization Options: Customize your coffee by selecting sugar levels, milk types, size, and extra flavor shots.
- Order Summary: View a detailed summary of your selections before confirming the order.
- Order Tracking: Track your order status from preparation to delivery.
- User Authentication: Secure user login with Microsoft accounts to save and manage preferences.
- Admin Dashboard: Accessible by staff to manage orders, update coffee options, and track inventory.

How to Use

1. Login: Open the app and log in with your Microsoft account credentials.
2. Select Coffee: Choose from the list of available coffee options displayed on the main screen.
3. Customize Your Order: Adjust settings for sugar, milk, size, and flavors.
4. Place Order: Review your order summary and confirm it.
5. Track Order: Stay updated with real-time order tracking until your coffee is ready.

Installation

1. Download the Power App from your organization's Power Platform environment.
2. Install the app on your mobile device or access it via a browser.
3. Ensure you have the necessary permissions to use the app within your organization.

Requirements

- Power Apps License: Requires a valid Power Apps subscription.
- Device: Compatible with both desktop and mobile devices.
- Permissions: Access to Office 365 accounts for login and data storage.

Admin Features

- Order Management: Admins can view, edit, or cancel orders through the dashboard.
- Menu Management: Admins can add or remove coffee items, adjust prices, and update inventory.
- Reports: Generate daily or weekly reports on coffee orders, most popular items, and inventory status.

Tech Stack

- Platform: Microsoft Power Apps
- Database: Microsoft Dataverse (or SharePoint List if applicable)
- Authentication: Office 365 Authentication
- API Integration: (Optional) Integrated with third-party services like inventory management systems (if applicable).

Future Enhancements

- Integration with payment gateways for in-app purchases.
- Push notifications for order updates.

- Loyalty program for frequent customers.

Support

For support and troubleshooting, please contact the app development team at [email address].