

# Christoffel's Pantry - Restaurant Menu App

A React Native mobile app for managing restaurant menus, chef availability, and customer bookings.

## Features

- **Menu Management:** Add, edit, and remove dishes from the menu
- **Chef Availability:** Show chef's availability and booking details
- **Price Warnings:** Alert customers about potential price changes
- **Menu Suggestions:** AI-powered 3-course menu suggestions
- **Admin Mode:** Secure admin controls for restaurant staff
- **Save/Load Menus:** Save different menu configurations
- **Responsive Design:** Works on web, iOS, and Android

## Tech Stack

- React Native
- TypeScript
- React Navigation
- Context API (State Management)
- Expo

## Project Structure

```
src/  
├── context/  
│   └── MenuContext.tsx # Global state management  
├── screens/  
│   ├── HomeScreen.tsx # Main menu screen  
│   ├── AddDishScreen.tsx # Add/edit dishes  
│   └── ChefSettingsScreen.tsx # Chef availability settings  
├── components/  
└── MenuItemCard.tsx # Dish display component
```

# Key Components

## 1. MenuContext

- Manages global state for menu items
- Handles chef availability
- Provides save/load functionality

## 2. HomeScreen

- Displays current menu
- Admin mode toggle
- Chef availability info
- Menu suggestions

## 3. AddDishScreen

- Add new dishes or edit existing ones
- Quick presets for common dishes
- Price validation

## 4. ChefSettingsScreen

- Update chef availability times
- Set booking costs
- Manage specialities

# Installation & Setup

## Prerequisites

- Node.js (v14 or higher)
- npm or yarn
- Expo CLI

## Steps

### 1. **Clone the repository** `` ` bash git clone cd Christoffel's-pantry

#### 1. MenuContext

- Manages global state for menu items
- Handles chef availability
- Provides save/load functionality

#### 2. HomeScreen

- Displays current menu
- Admin mode toggle
- Chef availability info
- Menu suggestions

#### 3. AddDishScreen

- Add new dishes or edit existing ones
- Quick presets for common dishes
- Price validation

#### 4. ChefSettingsScreen

- Update chef availability times
- Set booking costs
- Manage specialities

## Installation & Setup

### Prerequisites

- Node.js (v14 or higher)
- npm or yarn
- Expo CLI

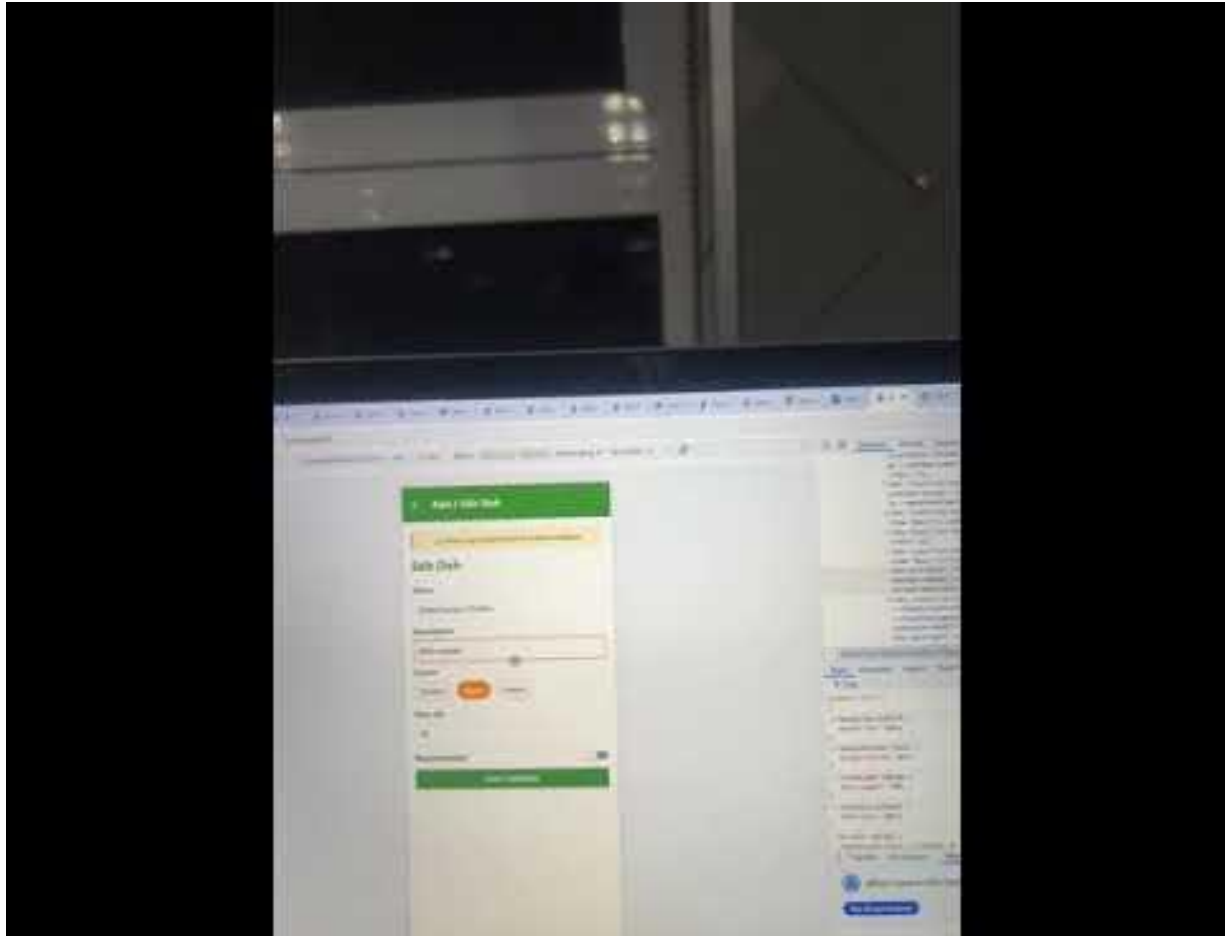
### 1. **\*\*Clone the repository\*\***

```
`` ` bash
```

```
git clone < https://github.com/Mbalieyy/MASTPOE2 l>
```

```
cd Christoffel's-pantry
```

Youtube link : <https://youtu.be/jT-bKcEDYTts>



## Key Features Implementation

### Price Warnings:

- Shows warning banner on HomeScreen and AddDishScreen
- Explains price variability to customers

### Chef Availability:

- Real-time status display
- Booking cost and specialities
- Admin can update availability

## Menu Suggestions:

- Randomly selects one dish from each course
- Provides balanced meal combinations

## Screenshots

Christoffel's Pantry — Menu

← Chef Settings

Christoffel's Pantry — Menu

Admin

⚠ Prices may change - Tap for details

Chef is Available

[View Chef Details & Booking](#)

Menu is saved

ADD NEW DISH

SAVE CURRENT MENU

CHEF SETTINGS

SUGGEST A 3-COURSE MENU

Current Menu

No dishes in the menu yet.

Saved Menus

Menu saved 10/6/2025, 9:06:52 PM

LOAD

Available for Bookings

Available From

17:00

Available Until

20:00

Booking Cost (R)

500

Specialities (comma separated)

Italian Cuisine, Grilled Dishes, Desserts

Notes for Customers

Prices may vary based on ingredient availability and market costs. Advanced booking required.

SAVE SETTINGS

Customer View Preview:

Status: Available  
Available: 17:00 - 20:00  
Booking Cost: R500  
Specialities: Italian Cuisine, Grilled Dishes, Desserts  
Notes: Prices may vary based on ingredient availability and market costs. Advanced booking required.

## Christoffel's Pantry — Menu

Admin

 Prices may change - Tap for details

## Chef is Available

[View Chef Details & Booking](#)

Menu is saved

ADD NEW DISH

SAVE CURRENT MENU

CHEF SETTINGS

SUGGEST A 3-COURSE MENU

## Current Menu

No dishes in the menu yet.

## Saved Menus

Menu saved 10/6/2025, 9:06:52 PM

LOAD

## Available for Bookings



## Available From

17:00

## Available Until

20:00

## Booking Cost (R)

500

## Specialities (comma separated)

Italian Cuisine, Grilled Dishes, Desserts

## Notes for Customers

Prices may vary based on ingredient availability and market costs. Advanced booking required.

SAVE SETTINGS

## Customer View Preview:

Status: Available

Available: 17:00 - 20:00

Booking Cost: R500

Specialities: Italian Cuisine, Grilled Dishes, Desserts

Notes: Prices may vary based on ingredient availability and market costs. Advanced booking required.