User Flow Diagrams for Menu.X (Version 1.0)

User Types & Core Flows:

1. Diner Flow

Scan QR code at restaurant table → Load menu

Browse menu items

If restaurant is Pro:

Add items to cart

Submit order to kitchen

Request bill to notify staff

Else:

View-only menu (no ordering)

2. Restaurant Owner Flow

Sign up / Log in (Firebase Authentication)

Create or edit menu (limit 25 items for Free, unlimited for Pro)

Generate and download unique QR codes per table

If Pro:

View live incoming orders dashboard

Mark orders as Complete

Use AI Description Writer to auto-generate menu item descriptions

3. Super Admin Flow

Log in (admin user)

Search users by email/UID

Upgrade users to Pro (30-day subscription)

Grant 7-day free trials

View overall platform analytics and order activity.

Visual Flow Chart Summary (Text-Based) :

[Diner] [Restaurant Owner] [Super Admin]

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|----Scan QR & View Menu --------------| |

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|--(Pro) Add to Cart & Place Order --->| |

| | |

|--(Pro) Request Bill ----------------->| |

| | |

| |---Manage Menu (CRUD)------------>|

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| |---Generate QR Codes ------------>|

| | |

| |--(Pro) Live Order Dashboard ---->|

| | |

| |--(Pro) AI Description Writer --->|

| | |

| | |--Login & Authenticate

| | |--Search Users

| | |--Upgrade/Trial Users

| | |--View Analytics

