

# Software Requirements Specification (SRS) for Menu Card App Using MIT App Inventor

Project name: Menu app

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## 1. Introduction

### Purpose

The purpose of this Software Requirements Specification (SRS) document is to define the functionality, features, and design specifications for a \*Menu Card App\* created using MIT App Inventor. The app will provide users with a digital menu card interface for browsing food items, viewing details, and placing orders.

### Scope

The Menu Card App is designed to be used by restaurants, cafés, or food outlets to replace traditional paper-based menus with a digital alternative. Customers will be able to view food categories, item descriptions, and prices, and place orders directly from the app. The app is intended for small to medium-scale restaurant owners and will include the following modules:

Food Categories (Starters, Main Course, Beverages, Desserts, etc.)

Menu Item Descriptions and Prices

## 2. Overall Description

### Product Perspective:

The Menu Card App will serve as a digital menu that users can access via their mobile devices. The app will be built using the drag-and-drop interface of MIT App Inventor, making it easy to develop and modify. It will replace the traditional paper menu and enhance user experience by adding interactivity.

### Product Features

1. Menu Categories: Display different categories like Starters, Main Course, Beverages, and Desserts.

2. Menu Item Details: Each item should include a picture, name, description, price, and an "Add to Cart" button.

## Functional Requirements

### 1. Home Screen

Display a welcome message and navigation buttons to access categories.

Buttons: "View Menu", "Order Now", "Contact Us", and "Feedback".

### 2. Menu Categories Screen:

Display a list of categories (Starters, Main Course, Beverages, etc.).

Clicking on a category shows the list of items in that category.

### 3. Menu Item Screen

Show a detailed view of each item: Image, Name, Description, and Price.

Include an "Add to Cart"

## FUNCTIONAL REQUIREMENTS:

### USABILITY:

button for each item.

NON The app is easy to use and intuitive interface for users of all ages

### PERFORMANCE:

The app load the screen within 2 seconds and place the order within 5 seconds

### SECURITY:

Local storage of customers should be protected

## SYSTEM FEATURES:

### MENU MANAGEMENT:

The app should allow restaurant owners to add ,edit and delete menu items

### ORDER MANAGEMENT:

Users should add multiple items to cart, view the total and place orders

An order is placed and confirmation message is displayed

### OTHER REQUIREMENTS:

Ensure regular updates and enhancement based on user feedback

Perform testing for different android devices to ensure compatability