

Project Scope Document

Project Title: Systems POS for restaurants

Client Name: Papi Pop

Executive Summary

The client requires a Point of Sale (POS) application that operates in a simple and practical manner on an Android tablet, without relying on internet connectivity. The system will allow recording customers' daily purchases, printing individual tickets, and generating an end-of-day summary containing all sales. Currently, this process is carried out manually, leading to information loss and lack of control. This project aims to solve these issues through a usable, simple, and reliable MVP.

General Objective

Develop a minimum viable POS system that enables the registration and consolidation of daily sales on a tablet, with ticket printing through a Bluetooth printer.

Specific Objectives

- Register products (add, edit, delete).
- Register sales quickly and easily.
- Optionally enter the customer's name for each sale.
- Print individual tickets for each sale.
- View and edit recorded sales of the day.
- Display the cumulative total of sales at all times.
- Generate a long receipt with the daily summary.
- Store all information locally on the tablet.

Project Functional Scope

User Stories / Features (In Scope)

- US01: As an administrator, I want to manage products (add, edit, delete).
- US02: As a cashier, I want to record purchases by selecting products and quantities.
- US03: As a cashier, I want to enter the customer's name so that it appears on the ticket.
- US04: As a cashier, I want to print an individual ticket for each sale.
- US05: As an administrator, I want to view all sales recorded during the day and edit them if necessary.
- US06: As an administrator, I want to see the cumulative total of sales up to the current moment.
- US07: As an administrator, I want to print a long receipt with the day's summary.
- US08: As an administrator, I want to store all data in a local database (SQLite).

Out of Scope (Not in MVP)

- Integration with electronic payments (card, QR, etc.).
- Inventory management for all supplies and products.
- Advanced graphical reports and detailed exports.
- Synchronization across multiple tablets.

Limitations / Exclusions

- Operates exclusively on an Android tablet.
- Does not require or use an internet connection.
- Compatible only with a Bluetooth thermal printer (ESC/POS).
- Data is stored exclusively in local storage (SQLite).

Signatures of Approval

Client: 

Development Team Representative: 