
1. Stakeholder Interview

Stakeholders:

Students (End Users)

Canteen Staff (Order Preparers)

Canteen Manager (Admin)

College Management

Development Team

Interview Questions:

- 1.What difficulties do students currently face while ordering food?
- 2.How long does manual order processing usually take?
- 3.What menu categories do you want included in the system?
- 4.Should students be allowed to customize items?
- 5.Do you require real-time order tracking for user
- 6.What payment methods should be supported (Cash/UPI/Wallet)?
- 7.How should the admin update and manage menu items?
- 8.Do you want to maintain sales and order reports?
- 9.At what time of day do you receive the highest number of orders?
- 10.What security measures do you expect from the system?

2. Extract Requirements

Requirement ID	Type	Description
R1	Functional	The system shall allow users to register and log in.
R2	Functional	The system shall display a dynamic food menu.
R3	Functional	The system shall allow users to place orders and view checkout.
R4	Functional	The admin shall be able to update menu items and prices.
R5	Non-Functional	System must load pages within 3 seconds.
R6	Non-Functional	The system must securely store user credentials.

3. User Stories:

- 1.As a student, I want to browse the food menu, so that I can choose items easily.
 - 2.As a student, I want to order food online, so that I can avoid long queues.
 - 3.As canteen staff, I want to see all pending orders, so that I can prepare food quickly.
 - 4.As an admin, I want to update menu items, so that students always see accurate prices.
 - 5.As a user, I want to track my order status, so that I know when my food is ready.
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Mini SRS (Summary)

Purpose: To digitize canteen ordering, reduce queues, and improve order management.

Users: Students, Staff, Admin.

Key Features: Menu browsing, ordering, order tracking, admin management.

Constraints: Secure data handling, quick performance.

ACTIVITY SHEET 2 — System Design

1. System Architecture Diagram (Text Description)

Components:

Frontend (Web/Mobile App)

Backend Server (API Layer)

Database (MySQL/SQLite)

Payment Gateway (UPI Integration)

Admin Dashboard

Data Flow:

User → Login/Order → Server → Database → Response → User
Admin → Menu/Order Management → Server → Database

(Draw using any diagram tool for submission.)

2. UI Wireframes (Description)

Required Screens:

Home Screen: Menu categories, offers

Login / Signup: Email, phone, password

Menu / Ordering Screen: Items list, add to cart

Cart / Checkout: Order summary, payment options

Profile / Settings: User info, order history

(Insert sketches on your sheet.)

3. Database Design — ERD

Entity	Attributes
Users	UserID, Name, Email, Phone, Password
MenuItems	ItemID, Name, Category, Description, Price
Orders	OrderID, UserID, TotalAmount, Status, TimeStamp
OrderItems	Order Item ID, Order ID, Item ID, Quantity, Price

ACTIVITY SHEET 3 — Development Phase

1. Development Backlog

Task ID	Feature	Description	Assignee	Status
T1	User Registration	Signup/Login module	Maheshwari	Done
T2	Menu Display	Show menu dynamically	Prasanna	In Progress
T3	Order Placement	Add to cart + checkout	Swahadevi	To Do
T4	Payment	UPI/Wallet	Sangeetha	To Do

Task ID	Feature	Description	Assignee	Status
	Integration			
T5	Admin Panel	Manage items, view orders	Bhavani	To Do

2. Code Walkthrough Notes

Features implemented today:

Login backend logic

Display menu from database

Challenges faced:

API errors, menu images loading slowly

Next steps:

Complete cart logic

Integrate payment API

Implement admin dashboard

ACTIVITY SHEET 4 — Testing Phase

1. Test Cases

TC ID	Description	Steps	Expected	Actual Status	
TC1	User Registration	Fill form → Submit	Account created	✓	P
TC2	Menu Loading	Open menu page	Items displayed	✓	P
TC3	Add to Cart	Click “Add”	Item added	✓	P
TC4	Checkout	Complete payment	Order confirmed	✗	F

2. Bug Report

Bug ID	Description	Severity	Steps	Status
B1	Payment not completing	High	Try checkout	Open
B2	Menu images slow	Medium	Open menu	Fixed

3. Test Summary

Total test cases: 10

Passed: 8

Failed: 2

Major Issues: Payment integration failure

ACTIVITY SHEET 5 — Deployment & Release Notes

1. Deployment Checklist

- ✓ Code merged
- ✓ Database configured
- ✓ Environment variables set
- ✓ Build successful
- ✓ Final testing completed
- ✓ Version tagged: **v1.0**

2. Release Notes

Version: v1.0

Features Included:

User login/signup

Menu browsing

Order placement

Cart & checkout

Admin panel

Known Issues:

Payment gateway unstable

Slow image loading

Next Update Goals:

Add coupons

Improve performance

Add push notifications

ACTIVITY SHEET 6 — Maintenance & Reflection

1. Patch Log

Patch ID	Issue	Root Cause	Fix	Status
P1	Payment failure	Timeout error	API retry added	Done
P2	Slow menu	Large images	Compression applied	Done

2. Team Retrospective

What worked well:

Great teamwork, UI developed quickly, clear communication.

What needs improvement:

Back end testing, version control usage.

Changes for next time:

Start backend earlier, assign dedicated tester