Oh-Dish

System Requirements Specification (SRS)

Contents

SOFTWARE REQUIREMENTS SPECIFICATION (SRS)

Oh-Dish Backoffice – User & Role Management

Version 1.0

Revision History

Date	Author	Version	Description
02/13/2026	Sanyogita Herwathe	1.0	Initial Draft

Distribution List

Department	Name
Development	Backend Team
QA	QA Lead
Product	Product Owner

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1. Introduction

The Oh-Dish Backoffice system consolidates merchant operational management into a centralized platform. The User & Role Management module ensures secure, controlled, and auditable access across all system modules.

1.1 Goal and Objectives

The primary objective of this module is to:
- Enable secure authentication
- Implement role-based access control (RBAC)
- Prevent unauthorized access to restricted modules
- Maintain audit traceability of user activities
- Support scalable multi-merchant operations

1.2 Scope

This document defines functional requirements for:
- Login Page
- Dashboard
- Navigation Bar
- User Management
- Role Management
- Permission Matrix
- Out of Scope:
- Customer-facing authentication
- SSO integration
- Payroll systems

1.3 References
- Oh-Dish BRD v2.0
- Oh-Dish FRD v2.0
- OWASP Authentication Guidelines

1.4 Terminology

Term	Definition
RBAC	Role-Based Access Control
JWT	JSON Web Token
Soft Delete	Logical deletion without DB removal
Admin	Merchant-level administrator

1.5 Page Design

1.5.1 Login Page

1.5.1.1 Page Description

The Login Page allows authorized merchant staff to securely access the Oh-Dish Backoffice system using unique credentials.

1.5.1.2 Page Data Fields

Page Caption	Description	Data Type	M/O	Comments
Username	Unique staff username	Text	M	Must be unique
Password	Staff password	Password	M	Encrypted
Remember Me	Store session token	Checkbox	O	Secure cookie

1.5.1.3 Page Functions

Function	Action
Login	Validate credentials and redirect to dashboard
Forgot Password	Trigger password reset flow

1.5.1.4 Page Validations

Validation	Message
Username required	Please fill out this field
Password required	Please fill out this field
Invalid credentials	Invalid username or password
Suspended account	Account suspended. Contact Admin
5 failed attempts	Account locked for 15 minutes

1.5.2 Dashboard Page

Page Description

The Dashboard displays modules dynamically based on the user's assigned role permissions.

Page Hyperlinks

Name   Action

Logout	End session
Users	Navigate to Users Page
Roles	Navigate to Roles Page
Orders	Navigate if permission granted
POS	Navigate if permission granted

1.5.3 Navigation Bar

Navigation bar is consistent across all pages and dynamically enables or disables links based on role permissions.

Modules include:
- Dashboard
- Orders

- POS
- Inventory
- Reports
- Users (Admin only)
- Roles (Admin only)
- Settings
- Help

1.5.4 List of Users Page

Page Description

Displays all merchant staff in grid format.

Page Functions

Function Action

Add User	Open Add User Page
Edit	Modify user details
Delete	Soft delete user
Search	Filter users
Export	CSV/Excel download

1.5.5 Add User Page

Page Data Fields

Field	Description	Type	M/O	Comments
First Name	Staff first name	Text	M	
Last Name	Staff last name	Text	M	
Email	Unique email	Text	M	Unique

Field	Description	Type	M/O	Comments
Username	Unique username	Text	M	
Password	Password	Password	M	Min 8 chars
Role	Assigned role	Dropdown	M	Must exist
Status	Active/Suspended	Dropdown	M	Default Active

Page Validations

- Username must be unique
- Email must be valid format
- Password ≥ 8 characters
- Role must be selected

1.5.6 Role Management Page

Page Description

Allows Admin to create, edit, and delete roles.

Permission Matrix

Module	View	Create	Update	Delete
Users	✓	✓	✓	✓
Orders	✓	✓	✓	✗
POS	✓	✓	✗	✗
Reports	✓	✗	✗	✗

SOFTWARE REQUIREMENTS SPECIFICATION (SRS)

Oh-Dish Backoffice – POS

Version 1.0

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Oh-Dish Backoffice – POS
Version 1.0

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1. Introduction

The POS module allows merchant staff to process transactions efficiently and securely.

1.1 Goal and Objectives

- Enable quick order processing
- Ensure payment validation
- Integrate with inventory
- Maintain transaction traceability

1.2 Page Design

1.2.1 POS Main Page

Page Description

Displays available products and cart summary for order creation.

Page Data Fields

Field	Description	Type	M/O
Product Grid	Displays products	Grid	M
Quantity	Item quantity	Number	M
Subtotal	Calculated total	Text	Auto
Tax	Calculated tax	Text	Auto
Discount	Applied discount	Text	O
Total	Final total	Text	Auto

Page Functions

Function	Action
Add to Cart	Adds product
Remove Item	Removes item
Checkout	Opens payment modal
Apply Discount	Applies promo rule

Page Validations
- Quantity must not exceed stock
- Payment required before completion
- Cart cannot be empty

1.2.2 Payment Modal

Field	Description	Type
Payment Method	Cash/Card/Online	Dropdown
Amount Paid	Payment value	Text
Change	Auto calculated	Text

Validation:

- Payment amount must equal or exceed total
- Invalid payment → show error

SOFTWARE REQUIREMENTS SPECIFICATION (SRS)

Oh-Dish Backoffice – Orders

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Oh-Dish Backoffice – Orders

Version 1.0

1. Introduction

The Orders module provides centralized tracking and management of all merchant orders.

1.2 Page Design

1.2.1 Orders Page

Page Description
Displays all merchant orders in grid format.

Page Data Fields

Field	Description	Type
Order Number	Unique identifier	Text
Source	POS/Online	Text
Status	Order state	Dropdown
Total	Order amount	Currency
Created By	Staff member	Text
Date	Timestamp	Date

Page Functions

Function	Action
View	Open order details
Cancel	Cancel order
Refund	Process refund

Function	Action
Filter	Apply filters

Page Validations
- Cancel allowed only for Pending orders
- Refund allowed only for Completed orders
- Status transitions validated

Order Status Lifecycle
Pending → Confirmed → Completed
Pending → Cancelled
Completed → Refunded