

Business Requirement Document (BRD)

1. Project Title

Online Shopping Cart

2. Document Control

Version: 1.0

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Author: Niladri Goswami

Description: Initial Draft of BRD

3. Executive Summary

This project aims to develop a web-based Online Shopping Cart system allowing customers to browse and purchase products like clothing and accessories online, enabling vendors and administrators to manage inventory and sales activities.

4. Business Objectives

- Develop a digital storefront.
- Provide product viewing and order features.
- Enable inventory management for vendors.
- Admin controls for managing users and vendors.
- Integrate basic shopping cart and COD.

5. Scope of Work

In Scope:

- Product catalog
- User and vendor login
- Admin panel
- Shopping cart
- COD support

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Out of Scope:

- Online payment
- Delivery tracking
- AI recommendations

6. Stakeholders

Customer: Purchases products

Vendor: Manages products

Admin: Oversees platform

Developers: Build and maintain

7. Functional Requirements

FR1: User Registration/Login

FR2: Browse Products

FR3: Add to Cart

FR4: Place/Cancel Orders

FR5: Vendor Registration/Login

FR6: Product Management

FR7: Admin Login

FR8: User and Vendor Management

FR9: Admin Profile Update

8. Non-Functional Requirements

- Security: Secure authentication
- Performance: Optimized for speed
- Usability: Responsive design
- Compatibility: Web & mobile support

9. Assumptions

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- Users have internet access
- Vendors can manage inventory
- Client-side validation in place

10. Constraints

- Only COD supported
- No third-party logistics
- One vendor portal per login

11. Risks

Schedule Risk: Delay in coding/testing

Technical Risk: Apache server issues

Knowledge Risk: New tools for developers

12. Success Metrics

- 90% uptime
- 100% registration/login accuracy
- 95% order management accuracy
- Complete stakeholder feature delivery