# Test Strategy Document

Project Name: milkRide

Document Type: Test Strategy

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## 1. Scope of Testing

This document defines the test strategy for the milkRide platform, which includes mobile and web applications for brand users, field delivery personnel, and an admin backend.

## 2. Application Modules

Brand App (Android/Web) – Used by customers for ordering and subscriptions.  
Field App (Android) – Used by delivery agents for order delivery.  
Admin Panel (Web) – Used by business/admin users for managing orders and inventory.

## 3. Testing Objectives

- Verify end-to-end functionality of all modules  
- Ensure UI consistency across devices  
- Check role-based access and permissions  
- Confirm payment and wallet systems work as intended

## 4. Types of Testing

- Functional Testing  
- Regression Testing  
- UI/UX Testing  
- Smoke/Sanity Testing  
- API Testing (Postman)  
- Security Testing (OWASP ZAP)  
- Performance Testing (JMeter)

## 5. Test Deliverables

- Test Strategy Document  
- Test Plan Document  
- Test Cases (Google Sheets/Excel)  
- Bug Reports (Jira/Excel)  
- Daily QA Status Reports  
- QA Sign-Off Report

## 6. Test Environments

- Dev: https://dev.milkride.com/  
- Android Devices: Real devices with Android 8.0+  
- Browser Testing: Chrome 114+, Firefox 102+, Safari

## 7. Roles & Responsibilities

QA – Manal: Write test cases, execute, log defects  
Dev Team: Fix defects, release builds  
Product: Provide flows and perform UAT

## 8. Defect Tracking

- Tool: Jira or Excel  
- Severity Levels: Critical, High, Medium, Low  
- Statuses: Open, In Progress, Fixed, Retest, Closed

## 9. Risk Management

- Late delivery from dev team → Start partial testing early  
- Incomplete requirement sharing → Conduct walkthroughs early  
- Limited test devices → Use device lab/cloud or borrow temporarily

## 10. Test Exit Criteria

- All critical test cases are passed  
- No open critical/blocker bugs  
- Regression is completed successfully  
- QA sign-off approved by stakeholders