



INTERNAL PROJECT

Software Requirements Specification

Sasa Shop

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www.skyconnect.co.tz

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1 Document Information

| Field | Value |
|-----------------|--------------------|
| Project Name | Sasa Shop |
| Version | 0.2 |
| Date | 2025-09-10 |
| Project Manager | TBD |
| Tech Lead | TBD |
| Qa Lead | Tester |
| Platforms | ['Android', 'iOS'] |
| Document Status | Draft |



2 Project Overview

2.1 What Are We Building

2.1.1 System Function

An e-commerce mobile application for users to browse products, manage a shopping cart, and complete purchases.

2.1.2 Users

- Customer / Shopper

2.1.3 Problem Solved

The application aims to provide a stable e-commerce experience but currently suffers from critical failures in core user journeys, including user registration and order checkout. It also has significant UI/UX issues with notifications, language settings, and dark mode that degrade user trust and usability.

2.1.4 Key Success Metric

Increase the Overall Test Pass Percentage from 83.33% to over 98% by fixing all major and critical defects.

2.2 Scope

2.2.1 In Scope

- User Authentication (Login, Logout, Registration)
- Dark Mode functionality
- Push Notifications
- Displaying time accurately within the app
- Terms of Use and Privacy Policy review
- Language settings
- Viewing Orders
- Shopping Cart Management (Add, Update, Remove items)

- Product Catalog and Search
- Checkout Process

2.2.2 Out Of Scope

- In-app calls to sellers
- Price bargaining / 'Make an offer' feature
- Expanded product details (color, brand name)
- Direct customer feedback forms
- FAQ section
- Video guides for buying and selling



3 User Requirements

3.1 Authentication User Management

| Feature Code | I Want To | So That I Can | Priority | Notes |
|----------------|---|---|----------|---|
| FT-AUTH-REG | Register for a new account with my phone number and OTP or with my email and password | Create a personal account to manage my orders and start shopping. | Must | Upon successful registration, the user must be automatically logged in and directed to the home page. This is a top priority to enable new user onboarding. |
| FT-AUTH-LOGIN | Log in with my valid credentials | Access my personal profile, order history, and saved information. | Must | Supports both phone/OTP and email/password login methods, consistent with registration. |
| FT-AUTH-LOGOUT | Log out of my account | Securely end my session on a shared or public device. | Must | |

3.2 Core Business Features

| Feature Code | I Want To | So That I Can | Priority | Notes |
|--------------|--------------------|---|----------|---|
| FT-PROD-LIST | View product lists | Discover and explore the range of items available for sale. | Must | Includes basic search and category browsing capabilities. |

| Feature Code | I Want To | So That I Can | Priority | Notes |
|------------------|---|--|----------|--|
| FT-PROD-VIEW | View product details | Make an informed purchase decision by reviewing key information like price, description, and images. | Must | Expanded product details like brand name or specific color options are out of scope for this version. |
| FT-PROD-CART | Add or remove a product from the cart | Easily save an item for purchase without leaving my current browsing flow. | Must | This refers to the 'Add to Cart' functionality on product list and detail pages. |
| FT-SHOP-LIST | View shops lists | Browse all available shops to find ones that interest me. | Must | |
| FT-SHOP-VIEW | View shop details | See all products offered by a specific shop and learn more about them. | Must | To ensure a good user experience, this page must meet the performance standard of loading in under 2 seconds (addresses Bug ID 0.1). |
| FT-CART-MANAGE | Add, update, and remove items in my shopping cart | Finalize my selection, adjust quantities, or remove unwanted items before proceeding to checkout. | Must | Functionality is operational. Users can modify item quantities and remove items directly from the cart view. |
| FT-CART-CHECKOUT | Complete a purchase after | Finalize my purchase and | Must | The checkout flow must allow |

| Feature Code | I Want To | So That I Can | Priority | Notes |
|---------------|--|--|----------|--|
| | providing my details | receive confirmation that my order has been accepted. | | users to select delivery or pickup and successfully place an order. Payment processing is out-of-scope and handled externally (e.g., Cash on Delivery). |
| FT-ORDER-NOTF | Receive notifications about my orders | Track the progress of my purchase from confirmation to delivery. | Must | This requirement covers both push notifications (see FT-APP-NOTIFY) and in-app status updates for orders. |
| FT-ORDER-VIEW | View my order details for specific items | Review the specifics of my past and current purchases, including items, prices, and delivery status. | Must | Orders in the history list must be grouped by the shop they were purchased from for clarity. All information must be fully legible in both light and dark modes. |
| FT-ORDER-LIST | View my past orders | Review and manage my order history. | Must | This feature allows users to see a list of all their previous orders, with the ability to sort and filter by |

| Feature Code | I Want To | So That I Can | Priority | Notes |
|--------------|-----------|---------------|----------|-------------------------------|
| | | | | date, shop, and order status. |

3.3 Additional Features

| Feature Code | I Want To | So That I Can | Priority | Notes |
|----------------|--|--|----------|---|
| FT-UI-LANGUAGE | Access language settings | Use the application in a language I am comfortable with. | Should | A language selection option must be made available within the user's profile, allowing them to switch the app's display language (addresses Bug IDs 0.4, 10.1). |
| FT-UI-DARKMODE | Use the app in dark mode | Reduce eye strain in low-light environments and have a visually consistent experience. | Should | Dark mode must ensure all text and information are clearly visible across all screens, especially 'Orders'. This resolves multiple legibility bugs (IDs 0.6, 0.7, 0.9). |
| FT-LEGAL-VIEW | Read the Terms of Use and Privacy Policy | Understand the app's rules and how my data is handled. | Should | The content for 'Terms of Use' and 'Privacy Policy' must be distinct and legally appropriate. This requires updating the |

| Feature Code | I Want To | So That I Can | Priority | Notes |
|---------------|---|---|----------|---|
| | | | | duplicated placeholder text (addresses Bug ID 0.5). |
| FT-APP-NOTIFY | Receive push notifications for order updates and important app communications | Stay informed about my orders and app updates even when I'm not actively using the app. | Should | Push notifications must work reliably and include order status changes, promotional offers, and important system notifications. Users must be able to control notification preferences. |



4 Detailed Feature Requirements

4.1 Ft Auth Reg

4.1.1 Priority

Must Have

4.1.2 User Story

As a new user, I want to complete the registration process after receiving an OTP so that I am automatically logged in and can start shopping.

4.1.3 Preconditions

The user does not have an existing account and is on the registration page.

4.1.4 Postconditions

The user account is created, the user is logged in, and the app redirects to the home page.

4.1.5 Test Cases

| Id | Description | Weight |
|-------------|---|--------|
| AUTH-TC-001 | Verify that after filling in details and receiving an OTP, the registration completes and redirects to the home page. | High |
| AUTH-TC-002 | Verify that the user is automatically logged in after registration and redirected to the home page. | High |
| AUTH-TC-003 | Verify that invalid phone number formats prevent registration. | High |

| Id | Description | Weight |
|-------------|--|--------|
| AUTH-TC-004 | Verify that OTP expires after a specified time and registration fails if the OTP is not entered in time. | Medium |

4.2 Ft Cart Checkout

4.2.1 Priority

Must Have

4.2.2 User Story

As a user, I want to successfully place an order by completing the checkout process so that my purchase is confirmed and recorded.

4.2.3 Preconditions

The user is on the checkout page with items in the cart and has entered valid shipping/ payment details.

4.2.4 Postconditions

An order confirmation is displayed, and the new order appears correctly in the user's order history.

4.2.5 Test Cases

| Id | Description | Weight |
|------------|---|--------|
| CHK-TC-001 | Verify that after tapping 'Place Order', the purchase is completed and a confirmation is shown. | High |
| CHK-TC-002 | Verify that invalid payment details prevent order completion and display an error message. | High |
| CHK-TC-003 | Verify that the user is prompted to add items to the | Medium |

| Id | Description | Weight |
|------------|---|--------|
| | cart if the cart is empty during checkout. | |
| CHK-TC-004 | Verify that order details (items, prices, shipping) are correctly displayed in the order confirmation page. | High |

4.3 Ft Ui Darkmode

4.3.1 Priority

Should Have

4.3.2 User Story

As a user, I want to enable dark mode so that I can have a comfortable viewing experience in low-light conditions and see all text clearly.

4.3.3 Preconditions

The user is in the app's settings menu and has toggled the dark mode option.

4.3.4 Postconditions

The entire app UI switches to a dark theme, with all text and UI elements remaining legible and correctly displayed, especially in the orders and wishlist sections.

4.3.5 Test Cases

| Id | Description | Weight |
|-----------|--|--------|
| UI-TC-001 | Verify that all text in the orders list is clearly visible and information is displayed correctly when dark mode is enabled. | Medium |
| UI-TC-002 | | Medium |

| Id | Description | Weight |
|-----------|---|--------|
| | Verify that UI elements (buttons, icons) are consistent and legible in dark mode. | |
| UI-TC-003 | Verify that the dark mode setting persists when the app is closed and reopened. | Low |

4.4 Ft Ui Language

4.4.1 Priority

Should Have

4.4.2 User Story

As a user, I want to change the application's language from the settings menu so that I can use the app in my preferred language.

4.4.3 Preconditions

The user has navigated to the user profile/settings section.

4.4.4 Postconditions

The language setting is visible, selectable, and upon selection, the entire app's UI text updates to the chosen language.

4.4.5 Test Cases

| Id | Description | Weight |
|-------------|---|--------|
| LANG-TC-001 | Verify that the language setting option appears in the user profile and allows the user to switch the app's language. | Medium |
| LANG-TC-002 | | Medium |

| Id | Description | Weight |
|-------------|---|--------|
| | Verify that the selected language persists across app sessions. | |
| LANG-TC-003 | Verify that all UI elements properly display text in the selected language without truncation or overlap. | High |

4.5 Ft Order List

4.5.1 Priority

Must Have

4.5.2 User Story

As a user, I want to view my past orders so that I can review and manage my order history.

4.5.3 Preconditions

The user is logged into their account and has placed previous orders.

4.5.4 Postconditions

The user sees a list of all their previous orders, which can be sorted and filtered by date, shop, and order status.

4.5.5 Test Cases

| Id | Description | Weight |
|------------|---|--------|
| ORD-TC-001 | Verify that the user can see a list of all previous orders, including order number, date, shop, and status. | High |
| ORD-TC-002 | Verify that the user can filter past orders by date, shop, and order status. | Medium |

| Id | Description | Weight |
|------------|--|--------|
| ORD-TC-003 | Verify that order information is clearly visible in both light and dark modes. | High |

4.6 Ft App Notify

4.6.1 Priority

Should Have

4.6.2 User Story

As a user, I want to receive push notifications for order updates and important app communications so that I stay informed about my purchases and app updates.

4.6.3 Preconditions

The user has granted notification permissions and has active orders or has opted into promotional notifications.

4.6.4 Postconditions

The user receives timely and relevant push notifications that can be clicked to navigate to the appropriate app section.

4.6.5 Test Cases

| Id | Description | Weight |
|-------------|---|--------|
| NOTF-TC-001 | Verify that users receive push notifications when their order status changes. | High |
| NOTF-TC-002 | Verify that notification settings can be customized in the user profile. | Medium |
| NOTF-TC-003 | Verify that tapping on a notification navigates to the relevant section of the app. | Medium |

| Id | Description | Weight |
|-------------|---|--------|
| NOTF-TC-004 | Verify that notifications work correctly when the app is in background or closed. | High |

4.7 Ft Prod List

4.7.1 Priority

Must Have

4.7.2 User Story

As a user, I want to view product lists so that I can discover and explore items available for sale.

4.7.3 Preconditions

The user is on the home page or has navigated to a product category.

4.7.4 Postconditions

A list of products is displayed with basic information (name, price, image) and search/filter options are available.

4.7.5 Test Cases

| Id | Description | Weight |
|-------------|---|--------|
| PROD-TC-001 | Verify that product lists load within acceptable time limits and display correctly. | High |
| PROD-TC-002 | Verify that search functionality returns relevant results. | High |
| PROD-TC-003 | Verify that product images, names, and prices display correctly in both light and dark modes. | Medium |

4.8 Ft Shop View

4.8.1 Priority

Must Have

4.8.2 User Story

As a user, I want to view shop details so that I can see all products offered by a specific shop and learn more about them.

4.8.3 Preconditions

The user has selected a shop from the shop list or clicked on a shop link.

4.8.4 Postconditions

The shop details page loads showing shop information and available products within 2 seconds.

4.8.5 Test Cases

| Id | Description | Weight |
|-------------|---|--------|
| SHOP-TC-001 | Verify that shop details page loads within 2 seconds on target devices. | High |
| SHOP-TC-002 | Verify that all shop products are displayed correctly with proper navigation. | High |
| SHOP-TC-003 | Verify that shop information (name, description, contact) is displayed correctly. | Medium |

4.9 Ft Auth Login

4.9.1 Priority

Must Have

4.9.2 User Story

As a returning user, I want to log in with my valid credentials so that I can access my personal profile, order history, and saved information.

4.9.3 Preconditions

The user has an existing account and is on the login page with valid credentials.

4.9.4 Postconditions

The user is successfully authenticated and redirected to the home page with access to their profile and order history.

4.9.5 Test Cases

| Id | Description | Weight |
|--------------|--|--------|
| LOGIN-TC-001 | Verify successful login with valid email/password credentials. | High |
| LOGIN-TC-002 | Verify successful login with valid phone/OTP credentials. | High |
| LOGIN-TC-003 | Verify login fails with invalid credentials and shows appropriate error message. | High |
| LOGIN-TC-004 | Verify user session persists across app restarts after successful login. | Medium |

4.10 Ft Auth Logout

4.10.1 Priority

Must Have

4.10.2 User Story

As a logged-in user, I want to log out of my account so that I can securely end my session on a shared or public device.

4.10.3 Preconditions

The user is logged into their account and can access the logout option.

4.10.4 Postconditions

The user session is terminated, and the user is redirected to the login/home page without access to personal information.

4.10.5 Test Cases

| Id | Description | Weight |
|---------------|---|--------|
| LOGOUT-TC-001 | Verify successful logout terminates user session and redirects to appropriate page. | High |
| LOGOUT-TC-002 | Verify logged-out user cannot access protected pages without re-authentication. | High |
| LOGOUT-TC-003 | Verify logout option is accessible from user profile/settings menu. | Medium |

4.11 Ft Prod View

4.11.1 Priority

Must Have

4.11.2 User Story

As a user, I want to view product details so that I can make an informed purchase decision by reviewing key information like price, description, and images.

4.11.3 Preconditions

The user has selected a product from the product list or search results.

4.11.4 Postconditions

The product details page displays comprehensive product information including images, price, description, and add to cart functionality.

4.11.5 Test Cases

| Id | Description | Weight |
|-----------------|--|--------|
| PRODVIEW-TC-001 | Verify product details page displays all essential information (name, price, description, images). | High |
| PRODVIEW-TC-002 | Verify product images can be viewed in full screen and are displayed correctly. | Medium |
| PRODVIEW-TC-003 | Verify add to cart functionality is available and working from product details page. | High |
| PRODVIEW-TC-004 | Verify product details display correctly in both light and dark modes. | Medium |

4.12 Ft Prod Cart

4.12.1 Priority

Must Have

4.12.2 User Story

As a user, I want to add or remove a product from the cart so that I can easily save an item for purchase without leaving my current browsing flow.

4.12.3 Preconditions

The user is viewing a product on the product list or product details page.

4.12.4 Postconditions

The product is successfully added to or removed from the shopping cart, and the cart count is updated accordingly.

4.12.5 Test Cases

| Id | Description | Weight |
|-----------------|--|--------|
| PRODCART-TC-001 | Verify products can be successfully added to cart from product list page. | High |
| PRODCART-TC-002 | Verify products can be successfully added to cart from product details page. | High |
| PRODCART-TC-003 | Verify products can be removed from cart and cart count updates correctly. | High |
| PRODCART-TC-004 | Verify cart state persists across app sessions for logged-in users. | Medium |

4.13 Ft Shop List

4.13.1 Priority

Must Have

4.13.2 User Story

As a user, I want to view shops lists so that I can browse all available shops to find ones that interest me.

4.13.3 Preconditions

The user has navigated to the shops section of the application.

4.13.4 Postconditions

A list of available shops is displayed with basic information and navigation options to shop details.

4.13.5 Test Cases

| Id | Description | Weight |
|-----------------|---|--------|
| SHOPLIST-TC-001 | Verify shops list displays all available shops with basic information. | High |
| SHOPLIST-TC-002 | Verify users can navigate to shop details from the shops list. | High |
| SHOPLIST-TC-003 | Verify shops list loads within acceptable time limits and handles large datasets. | Medium |
| SHOPLIST-TC-004 | Verify shops list display is consistent in both light and dark modes. | Medium |

4.14 Ft Cart Manage

4.14.1 Priority

Must Have

4.14.2 User Story

As a user, I want to add, update, and remove items in my shopping cart so that I can finalize my selection, adjust quantities, or remove unwanted items before proceeding to checkout.

4.14.3 Preconditions

The user has items in their shopping cart and has navigated to the cart page.

4.14.4 Postconditions

The user can successfully modify item quantities, remove items, and see updated totals before proceeding to checkout.

4.14.5 Test Cases

| Id | Description | Weight |
|-----------------|---|--------|
| CARTMGMT-TC-001 | Verify users can increase and decrease item quantities in the cart. | High |
| CARTMGMT-TC-002 | Verify users can remove individual items from the cart. | High |
| CARTMGMT-TC-003 | Verify cart totals update correctly when items are modified or removed. | High |
| CARTMGMT-TC-004 | Verify users can proceed to checkout from the cart management page. | High |

4.15 Ft Order Notf

4.15.1 Priority

Must Have

4.15.2 User Story

As a user, I want to receive notifications about my orders so that I can track the progress of my purchase from confirmation to delivery.

4.15.3 Preconditions

The user has placed an order and has notification permissions enabled.

4.15.4 Postconditions

The user receives timely notifications about order status changes and can access detailed order information.

4.15.5 Test Cases

| Id | Description | Weight |
|------------------|---|--------|
| ORDERNOTF-TC-001 | Verify users receive notifications when order status changes (confirmed, shipped, delivered). | High |
| ORDERNOTF-TC-002 | Verify notification content includes relevant order information and status. | High |
| ORDERNOTF-TC-003 | Verify tapping on order notification navigates to the correct order details. | Medium |
| ORDERNOTF-TC-004 | Verify notifications work correctly when app is in background or closed. | High |

4.16 Ft Order View

4.16.1 Priority

Must Have

4.16.2 User Story

As a user, I want to view my order details for specific items so that I can review the specifics of my past and current purchases, including items, prices, and delivery status.

4.16.3 Preconditions

The user has placed orders and is accessing order details from the order history list.

4.16.4 Postconditions

Complete order information is displayed including items, prices, delivery status, and all information is legible in both light and dark modes.

4.16.5 Test Cases

| Id | Description | Weight |
|------------------|---|--------|
| ORDERVIEW-TC-001 | Verify order details page displays complete order information (items, prices, status, dates). | High |
| ORDERVIEW-TC-002 | Verify order information is fully legible in both light and dark modes. | High |
| ORDERVIEW-TC-003 | Verify order status updates are reflected accurately in the order details view. | High |
| ORDERVIEW-TC-004 | Verify users can access order actions (tracking, support) from order details page. | Medium |

4.17 Ft Legal View

4.17.1 Priority

Should Have

4.17.2 User Story

As a user, I want to read the Terms of Use and Privacy Policy so that I can understand the app's rules and how my data is handled.

4.17.3 Preconditions

The user has navigated to the legal documents section from the app settings or registration process.

4.17.4 Postconditions

The Terms of Use and Privacy Policy are displayed as separate, distinct documents with legally appropriate content.

4.17.5 Test Cases

| Id | Description | Weight |
|--------------|---|--------|
| LEGAL-TC-001 | Verify Terms of Use and Privacy Policy are separate documents with distinct content. | High |
| LEGAL-TC-002 | Verify legal documents are accessible from both settings and registration flows. | Medium |
| LEGAL-TC-003 | Verify legal documents display correctly and are readable in both light and dark modes. | Medium |
| LEGAL-TC-004 | Verify legal documents scroll properly and all content is accessible. | Low |



5 Technical Requirements

5.1 Performance Standards

| Requirement | Target | How To Test |
|---------------------------|-----------|---|
| Shop details display time | $\leq 2s$ | Measure time from tap to render on target devices. Addresses Bug ID 0.1. |
| Product list loading time | $\leq 3s$ | Measure time from navigation to complete product list render on target devices. |
| App launch time | $\leq 4s$ | Measure cold start time from app icon tap to home screen display on target devices. |

5.2 Platform Requirements

| Platform | Minimum Version | Target Version | Notes |
|----------|---------------------|----------------|--|
| Android | API 29 (Android 10) | API 34 | Testing was performed on an Infinix Note 10 Pro. |
| iOS | iOS 14 | iOS 17 | Testing was performed on an iPhone 11 pro max. |

5.3 Security Privacy

| Requirement | Must Have | Implementation |
|----------------------|-----------|--------------------------------------|
| User data encryption | True | AES-256 at rest; TLS 1.2+ in transit |

| Requirement | Must Have | Implementation |
|-----------------------|-----------|--|
| Secure authentication | True | OTP verification with time-based expiration; secure session management |
| Payment data security | True | No payment data stored locally; external payment processing only |



6 External Dependencies

6.1 Third Party Services

| Service | What It Does | Criticality | Backup Plan |
|---------------------------|---|-------------|---|
| SMS Gateway Provider | Sends OTP codes for user registration. | Critical | Ensure the provider is reliable and has failover mechanisms. Implement in-app error message if OTP fails to send. |
| Push Notification Service | Delivers push notifications for order updates and app communications. | Medium | Graceful degradation with in-app notifications only if push service fails. |

6.2 Device Requirements

| Feature | Required | Optional | Notes |
|---------------------------|----------|----------|--|
| Internet Connectivity | True | False | Required for browsing, checkout, and order tracking. |
| Sufficient Storage | True | False | Minimum 100MB of free storage space for app installation and data caching. |
| Push Notification Support | False | True | Enhances user experience but app remains functional without it. |

7 Release Planning

7.1 Development Phases

| Phase | Features Included | Timeline | Success Criteria |
|------------------------------------|--|----------|--|
| Phase 1 (Critical Path Fixes) | ['FT-AUTH-REG (fix)', 'FT-CART-CHECKOUT (fix)', 'FT-ORDER-VIEW (fix)', 'FT-ORDER-LIST (implement)'] | 3 weeks | The entire user journey from registration to purchase and order viewing is functional with no critical failures. Test pass rate > 95%. |
| Phase 2 (UI/UX and Feature Polish) | ['FT-APP-NOTIFY (fix)', 'FT-UI-LANGUAGE (implement)', 'FT-UI-DARKMODE (fix)', 'FT-LEGAL-VIEW (content update)', 'FT-PROD-LIST (optimize)', 'FT-SHOP-VIEW (performance fix)'] | 4 weeks | All identified bugs are resolved. All features are fully functional and polished. Test pass rate > 99%. |

7.2 Release Checklist

- All Must-Haves complete
- No critical bugs remaining
- User Registration (AUTH-TC-001) passes
- Complete Purchase (CHK-TC-001) passes
- Performance baselines met
- All test cases have pass rate > 98%
- Legal documents reviewed and approved

8 Risks Assumptions

8.1 Risks

| Risk | Probability | Impact | Mitigation |
|---|-------------|--------|--|
| Failure to fix the registration and checkout flows will result in zero user acquisition and revenue. | High | High | Prioritize Phase 1 development and testing above all other tasks. |
| Persistent UI issues (Dark Mode, Language) damage brand perception and user trust, leading to app uninstalls. | Medium | Medium | Allocate dedicated QA resources to thoroughly test all UI states and themes during Phase 2. |
| Identical Terms of Use and Privacy Policy create legal and compliance risks. | Medium | High | Engage legal counsel to draft appropriate and distinct documents before the next public release. |
| Push notification service reliability issues affect user engagement. | Low | Medium | Implement fallback to in-app notifications and monitor service uptime closely. |

8.2 Assumptions

- The target users are equipped with smartphones and have reliable internet connectivity.
- The backend infrastructure for product management and order processing is stable.
- SMS gateway service maintains >99% uptime for OTP delivery.
- Users will grant necessary permissions for notifications and device features.

9 Market Specific Considerations

9.1 Primary Market

- General E-commerce Users

9.2 Target Demographics

- Online shoppers

9.3 Local Considerations

| Consideration | Details |
|-----------------------|--|
| Currency Display | The app should display prices in the local currency of the user. Initial rollout will support a single currency, with plans for multi-currency support in future versions. |
| Language Localization | Support for multiple languages through the language settings feature, with proper text rendering and layout adjustments for different languages. |

9.4 Payment Preferences

| Preference | Value |
|--------------|---------------------------------------|
| Mobile Money | Not Supported (Future Scope) |
| Cash | Supported (Cash on Delivery / Pickup) |
| Cards | Not Supported (Future Scope) |

9.5 Competition

- Other online retail and marketplace apps



10 Sign Off

10.1 Approval

| Role | Name | Signature | Date |
|------|------|-----------|------|
| | | | |

10.2 Document History

| Version | Date | Changes Made | Changed By |
|---------|------------|---|------------------------|
| 0.1 | 2025-09-10 | Initial draft based on 'Sasa Shop' testing report. Revised user requirement notes for clarity. | Gemini System Designer |
| 0.2 | 2025-09-10 | Fixed structural issues: Added missing FT-APP-NOTIFY feature definition, corrected test case numbering, added detailed requirements for all core features, enhanced technical requirements, updated release planning consistency. | Claude AI Assistant |
| 0.3 | 2025-09-10 | Added comprehensive detailed feature requirements for ALL features: FT-AUTH-LOGIN, FT-AUTH-LOGOUT, FT-PROD-VIEW, FT-PROD- | Claude AI Assistant |

| Version | Date | Changes Made | Changed By |
|---------|------|--|------------|
| | | <p>CART, FT-SHOP-LIST, FT-CART-MANAGE, FT-ORDER-NOTF, FT-ORDER-VIEW, and FT-LEGAL-VIEW.</p> <p>Now all user requirements have corresponding detailed specifications with test cases.</p> | |



11 Additional Context

11.1 Success Metrics

11.1.1 Customer Acquisition

Achieve a >95% successful registration rate.

11.1.2 Partner Signups

N/A

11.1.3 Daily Orders

Process 100+ successful orders daily post-fix.

11.1.4 Customer Satisfaction

Reduce negative app store reviews related to bugs by 80%.

11.1.5 Order Success Rate

Achieve a >99% successful checkout completion rate (reduce cart abandonment at final step).

11.1.6 Average Delivery Time

N/A

11.1.7 Notification Engagement

Achieve >70% notification open rate for order updates.

11.1.8 Ui Consistency Score

Achieve 100% UI element visibility across light and dark modes.