Functional Requirements

These describe what the app should do—the core features users will interact with.

1. User Registration and Login

• Users can create accounts and securely log in using credentials.

• Support for multi-factor authentication (e.g., OTP via SMS or email).

2. Money Transfer

• Users can transfer money between their accounts and to other users.

• Supports transfers in both local and foreign currencies.

3. Balance Inquiry

• Users can view real-time account balances for debit and Visa accounts.

4. Transaction History

• Users can view detailed history of past transactions, including filters by date, amount, and type.

5. Multi-Currency Support

• Users can hold and transact in multiple currencies.

6. Quick Access to Accounts

• Dashboard provides instant access to both debit and Visa accounts from the home screen.

7. Convenient Payment Options

• Supports QR code payments, mobile money integration, and contactless payments.

8. Financial Education Content

• Users can access short videos and tips for managing personal finances and understanding digital payments.

9. User Profile Management

• Users can edit profile information, set preferences, and manage security settings.

10. Notifications and Alerts

• App sends instant alerts for transactions, login attempts, and system updates.

Non-Functional Requirements

These describe how the system performs, not specific features.

1. Performance (Speed & Responsiveness)

• All pages and transactions should load within 2 seconds under normal network conditions.

2. Scalability

• The system should support at least 10,000 concurrent users without degradation in performance.

3. Security

• All data transmission must use end-to-end encryption (HTTPS).

• User credentials must be hashed and stored securely.

• The app must comply with PCI-DSS and GDPR standards.

4. Availability

• The app should have an uptime of 99.9% with minimal downtime for updates.

5. Usability

• The UI must follow modern mobile UX design principles.

• Targeted at users aged 18–45 with simple language and intuitive layout.

6. Portability

• The app must work on both Android and iOS platforms.

7. Maintainability

• The codebase should follow clean code practices, with documentation and modular architecture for easy updates.

8. Localization

• App should support multiple languages (e.g., English, Krio) for wider accessibility.