Mobile Banking App- Product Requirement Document

Target release	Dec 31, 2025
Epic	Simple, secure, and offline-friendly note-taking app with reminders so that I can stay organized and never miss important tasks.
Document status	Draft (Work in Progress)
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Product Name	• Quicksaver • **Version:** 1.0 • **Date:** Aug 20, 2025

Stakeholders	• End users (students, professionals, entrepreneurs)
	• Mobile app development team
	• Customer support and service team
	• Security and compliance team
	  • Product Managers
	  • Software Testers/QA engineers
	  • Marketing and sales team

Introduction

- **Purpose:** The Quicksaver app is a simple mobile application that allows users to register, save notes, and set reminders. The app is intended for individuals who need a lightweight productivity tool.
- **Target Audience:** QuickSave targets everyday smartphone users who want a simple, fast, and reliable way to save notes and set reminders, especially in regions where internet connectivity is not always guaranteed.

  Scope: QuickSaver will be available on Android (Phase 1) and iOS (Phase 2). The app focuses on simplicity, offline capability, and easy synchronization when online.

Product Overview

- **Vision Statement:** To empower customers with a seamless and user-friendly productivity app without the complexity of full task managers.

  Objective:

  Provide a Simple Productivity Tool

- Enable Reliable Reminders

  o Support Offline Usage

  o Ensure Data Security

  o Deliver Fast and Lightweight Performance

User Personas:

- **Persona 1: Frequent User**

    ○ *Demographics:* Age 21 years, university student in Lagos state.

    ○ *Needs:* Wants a simple way to keep track of lectures and assignment deadlines

    - **Persona 2: The young professional**

        Demographics: Age 29 years, junior software developer in Abuja.
        Needs: Needs to keep track of project deadlines and client's meetings.

    - **Persona 3: The Entrepreneur**
        Demographics: Age 34 years, small business owner (jewellery) in Port-Harcourt.
        Needs: Wants to record customers orders and set reminders for delivery.

📊 Success metrics

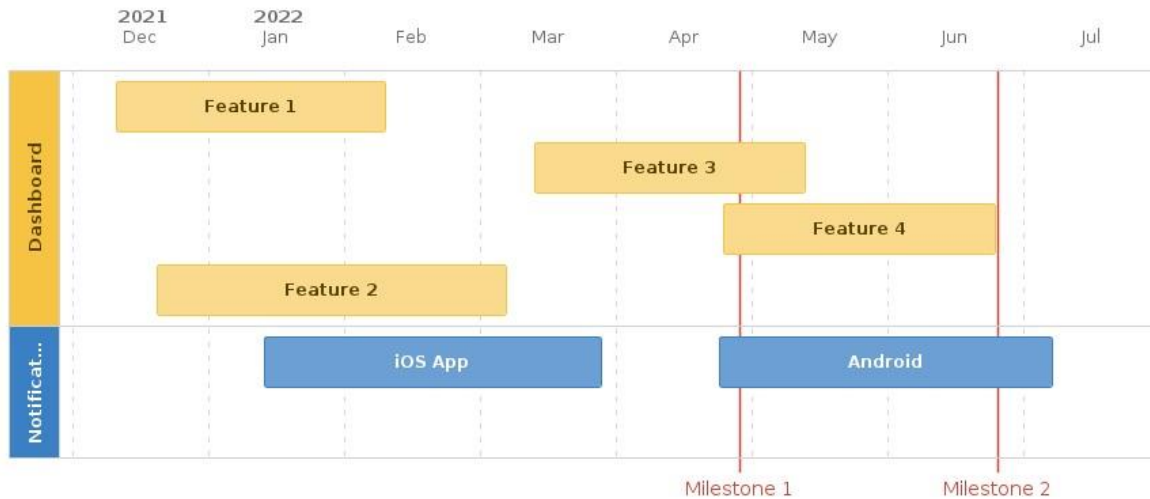| Goal	Metric
Simplify User experience	Customer satisfaction score increases from 2 to 5
Downloads: • The total number of times the app has been downloaded.	1300 downloads in one month
Active Users: • The number of users who actively use the app within a specific time period (daily, weekly, monthly).	900 active monthly users

🤔 Assumptions

- Users have smartphones with internet connectivity.

- **Risks:** Potential delays due to unforeseen technical challenges.

🌟 Milestones

📔 Requirements

Requirement	User Story	Importance	Jira Issue	Notes
User Authentication • The app must allow users create an account and log in securely.	• *Description:* As a new user, I want to sign up using my email or Google account so that I can securely access my notes from any device • Acceptance Criteria: User can sign up with a valid email and password. User can log in with the correct credentials. Invalid login attempts (wrong email/password) show an error message. Google login option works successfully. Logged-in users remain authenticated until they log out.	HIGH	MA-110	

Create and manage notes • App must allow users to create, edit, and delete notes.	Description: As a student, I want to create and organize notes so that I can easily track my lectures and assignments. • Acceptance Criteria: User can create a new note with text content. User can edit an existing note. User can delete a note, and it should be removed from the list. Notes are displayed in chronological order (latest first). Notes persist after app restart.	HIGH	MA-111	
Set Reminders • App must allow users to add reminders to notes with push notifications.	*Description:* As a busy parent, I want to set reminders for my child's school events so that I don't forget important activities. ○ *Acceptance Criteria: User can add a reminder to a note with a specific date and time.* *App sends a notification at the scheduled reminder time.* *Missed reminders show as "overdue" until dismissed.* *User can edit or delete reminders.* *Notifications work both online and offline.*	HIGH	MA-112	
Offline access and sync • The app must allow users to save and access notes offline, with automatic sync when connected to the internet.	• *Description:* As an entrepreneur I want record customer orders offline so that I don't lose information when my internet is unavailable. • *Acceptance Criteria: Notes can be created, edited, and deleted without internet access.* *Offline changes automatically sync to the cloud once internet is restored.* *Sync conflicts (same note edited on 2 devices) are resolved by latest update timestamp.* *Users see a "syncing..." status when internet returns.* *No data is lost when switching between offline and online mode.*		MA-113	
Search Functionality • App must allow users to quickly search for notes using keywords.	• *Description:* As a professional, I want to search for specific notes quickly so that I don't waste time scrolling through all my saved notes. • *Acceptance Criteria: User can type a keyword in the search bar.*	HIGH	MA-114	

| | Search results show only notes containing the keyword.

Search works across both titles and note body.

Results update dynamically as the user types.

Search is case-insensitive (e.g., "Meeting" = "meeting"). | | | |
|---|---|---|---|---|

Non-Functional Requirements

- **Performance:** App should launch within 3 seconds, Sync operations should complete within 5 seconds under good internet connectivity, Support up to 5,000 notes/reminders per user without performance degradation
- **Security**: End-to-end encryption for notes, Secure login (OAuth 2.0 / JWT), Encrypted local storage.
- **Usability:** Intuitive design, accessibility features for all users.

   Compatibility: Support for iOS and Android platforms.

7. Technical Specifications

- **Technology Stack:**
   ◦ Architecture Style: Client-Server
   ◦ Frontend: Mobile app (built with Flutter or React Native for cross-platform support)
   ◦ Backend: RESTful API (Node.js / Django) for syncing and user authentication

   Database: SQLite for local offline storage + Cloud database (Firebase / PostgreSQL) for syncing

8. Constraints

- **Budgetary Constraints:** Allocated budget of N5,000,000 for development.
- **Time Constraints:** Launch planned within 4 months from project initiation.

🎨 User interaction and design

https/figma.com/moble app..

❓ Open Questions

Question	Answer	Date Answered

⚠️ Out of Scope

IOS app and We application

Approval

- **Signatures:**
  - [Project Manager]
  - [Product Owner]
  - [Stakeholder Representatives]