



Wise Hustlers Technologies Pvt. Ltd.

Hustling Smarter For Your Success

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For : Cleiton Barreto

NuBai Mobility & Digital Financial Ecosystem Platform (Phase 1)

Proposal for Cleiton Barreto

Supported Languages

- Portuguese
- English

Platform Availability

- Customer Mobile Application (iOS & Android)
- Driver Mobile Application (iOS & Android)
- Merchant Mobile Application (iOS & Android)
- Admin Panel

Project Budget

USD 25,000

Estimated Timeline

5–6 Months

Project Overview

We propose the development of **Phase 1** of the **NuBai Mobility & Digital Financial Ecosystem**, a next-generation super app designed to provide transportation, delivery, and digital financial services within a single integrated platform.

The platform will initially launch in **Cape Verde** as a pilot market, with a long-term vision of expanding across **PALOP countries and West Africa**.

Phase 1 focuses on establishing the platform's core ecosystem by introducing:

- Taxi Booking
- Bike Delivery Services
- Digital Wallet
- QR Payments
- Money Transfers

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- Basic Financial Services

The ecosystem will consist of multiple mobile applications and a centralized administration platform, providing seamless services for customers, drivers, merchants, and administrators.

The platform architecture will be designed to support future expansion with additional mobility services, EV charging infrastructure, fleet management, vehicle leasing, insurance services, logistics, and digital commerce.

Platform Interfaces

1. Customer Mobile Application

Authentication

- User Registration
- Login
- Phone Number Verification
- OTP Verification
- Forgot Password
- Profile Management

Taxi Booking

- Book Taxi
- Live Driver Tracking
- Fare Estimation
- Schedule Ride
- Ride History
- Favorite Locations
- Ride Cancellation

Bike Delivery

- Request Delivery
- Pickup & Drop-off Locations
- Delivery Tracking
- Delivery History
- Delivery Status Updates

Digital Wallet

- Wallet Registration
- Wallet Balance
- Add Money
- Withdraw Funds
- Transaction History

QR Payments

- Scan QR Code
- Pay Merchant
- Receive Payment
- Payment History

Money Transfers

- Send Money
- Receive Money
- Wallet-to-Wallet Transfer
- Transfer History

Notifications

- Booking Updates
- Delivery Notifications
- Payment Notifications
- Promotional Notifications

User Profile

- Personal Information
- Saved Addresses
- Payment Methods
- Settings

2. Driver Mobile Application

Authentication

- Driver Registration

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- Driver Verification
- Login
- Profile Management

Taxi Services

- Receive Ride Requests
- Accept / Reject Rides
- Live Navigation
- Trip History
- Earnings Dashboard

Bike Delivery

- Receive Delivery Requests
- Delivery Navigation
- Delivery Status Updates
- Delivery History

Wallet

- Driver Wallet
- Earnings Summary
- Transaction History
- Withdrawal Requests

Notifications

- Ride Requests
- Delivery Requests
- Payment Notifications
- Announcements

3. Merchant Mobile Application

Merchant Registration

- Registration
- Login
- Profile Management

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QR Payments

- Generate QR Code
- Receive Customer Payments
- Transaction History

Wallet

- Wallet Balance
- Settlement History
- Withdraw Funds

Reports

- Daily Transactions
 - Payment Reports
 - Revenue Summary
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4. Admin Panel

Dashboard

- Platform Overview
- Active Users
- Active Drivers
- Active Merchants
- Daily Transactions
- Revenue Dashboard

User Management

- Customer Management
- Driver Management
- Merchant Management
- User Verification

Ride Management

- Taxi Ride Monitoring
- Ride History
- Ride Disputes

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Delivery Management

- Delivery Monitoring
- Delivery Tracking
- Delivery History

Wallet Management

- Wallet Monitoring
- Wallet Transactions
- Settlement Management

Payment Management

- QR Payments
- Transfers
- Transaction Monitoring

Reports & Analytics

- Revenue Reports
- Ride Reports
- Delivery Reports
- Wallet Reports
- Merchant Reports

System Configuration

- Fare Configuration
 - Commission Management
 - Wallet Settings
 - Notification Settings
 - Platform Configuration
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Core Platform Modules

Mobility Platform

Taxi Booking

- Ride Booking
- Driver Matching
- Live GPS Tracking
- Fare Calculation
- Trip Management

Bike Delivery

- Delivery Booking
- Rider Assignment
- Real-Time Tracking
- Delivery Confirmation

FinTech Platform

Digital Wallet

- Wallet Management
- Wallet Transactions
- Balance Management
- Transaction History

QR Payments

- Merchant QR Payments
- Customer QR Payments
- Payment Confirmation
- Payment History

Money Transfers

- Wallet-to-Wallet Transfers
- Transfer History
- Secure Transactions

Recommended Technology Stack

Customer Mobile App

- React Native

Driver Mobile App

- React Native

Merchant Mobile App

- React Native

Admin Panel

- React.js

Backend

- Node.js
- NestJS

Database

- PostgreSQL

Maps & Navigation

- Google Maps API

Real-Time Communication

- Socket.IO

Push Notifications

- Firebase Cloud Messaging (FCM)

Payment Integration

- Local Payment Gateway
- Mobile Money Integration

Hosting

- AWS / Azure / DigitalOcean
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Project Timeline

Requirement Analysis

- 2 Weeks

UI/UX Design

- 3 Weeks

Backend Development

- 8 Weeks

Customer Mobile Application

- 8 Weeks

Driver Mobile Application

- 6 Weeks

Merchant Mobile Application

- 4 Weeks

Admin Panel Development

- 6 Weeks

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Payment Gateway Integration

- 3 Weeks

Testing & Quality Assurance

- 3 Weeks

Deployment & User Training

- 2 Weeks

Total Estimated Timeline

5–6 Months

Deliverables

- Customer Mobile Application (Android & iOS)
 - Driver Mobile Application (Android & iOS)
 - Merchant Mobile Application
 - Admin Panel
 - Taxi Booking Module
 - Bike Delivery Module
 - Digital Wallet
 - QR Payment Module
 - Money Transfer Module
 - Reporting & Analytics Dashboard
 - Backend APIs
 - Technical Documentation
 - Source Code Ownership
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Included

- Business Analysis
- UI/UX Design
- Mobile Application Development

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- Admin Panel Development
 - Backend Development
 - Database Design
 - API Development
 - Google Maps API Integration
 - Digital Wallet Development
 - QR Payment Integration
 - Push Notification Integration
 - QA Testing
 - Deployment Assistance
 - User Training
 - Source Code Delivery
 - English Language Support
 - Portuguese Language Support
 - 3 Months Free Post-Launch Support
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Commercial Proposal

Project Cost

USD 25,000

Payment Terms

- 25% Upfront Payment
 - Remaining 75% will be divided into milestone-based payments.
 - A detailed milestone payment schedule will be shared before project commencement.
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Exclusions

- Cloud Hosting Charges
- Domain Registration
- SSL Certificates
- Apple App Store Developer Account
- Google Play Developer Account
- SMS Gateway Charges
- Email Service Charges

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- Google Maps API Charges
 - Payment Gateway Transaction Charges
 - Banking & Financial Licensing Fees
 - Regulatory & Compliance Costs
 - Third-Party API Charges
 - Future Enhancements Outside Approved Scope
 - Ongoing Maintenance After Support Period
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Post-Launch Support

3 Months Free Post-Launch Support

Includes

- Bug Fixes
- Performance Optimization
- Minor UI Improvements
- Minor Configuration Changes
- Deployment Support

Excludes

- New Feature Development
 - Major Functional Enhancements
 - Infrastructure Management
 - Third-Party Service Issues
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Assumptions

- This proposal covers **Phase 1** of the NuBai ecosystem only.
- Phase 1 includes **Taxi Booking, Bike Delivery, and FinTech (Digital Wallet)** modules.
- Future modules such as **EV Charging, Fleet Management, Vehicle Marketplace, Vehicle Leasing, Logistics, Insurance, Digital Commerce, and additional mobility services** will be implemented in subsequent phases.
- Payment gateway and digital wallet services will be integrated based on licensed providers available in Cape Verde.
- Google Maps APIs will be used for maps, routing, driver tracking, and location services.

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- The platform architecture will be designed to support expansion into PALOP countries and West Africa.
- Any additional functionality requested after project approval will be estimated and quoted separately.

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