

Antelope DAO Solution Requirement Document

Introduction

Project Overview

Antelope DAO is a global marketplace facilitating the trade of commodities between Farmer Producer Organizations (FPOs) as suppliers and buyers worldwide. The platform aims to eliminate intermediaries, providing fair prices to farmers and efficient transactions for buyers. Antelope DAO leverages a secure ecosystem, integrating with logistics partner UPS for streamlined pickup and delivery services, and a third-party for Know Your Business (KYB) processes.

Functionalities

1. **Supplier Onboarding**
 - a. Suppliers can register on the Antelope DAO platform.
 - b. KYB process to verify supplier authenticity.
 - c. Successfully verified suppliers get listed as verified suppliers.
2. **Buyer Registration**
 - a. Buyers can register on the platform.
 - b. KYB process for buyer verification.
3. **Commodity Exploration:** Buyers can explore a diverse range of commodities from different verified suppliers.
4. **Communication Channel:** Secure peer-to-peer communication channel for buyers and suppliers.
5. **Transparency and Tracking:** Implementation of a robust tracing and tracking system for materials, ensuring transparency throughout the supply chain.
6. **Logistics Integration:** Integration with UPS as the logistics partner for warehouse pickups and direct deliveries from export ports.
7. **KYB Integration:** Integration with a third-party for efficient Know Your Business (KYB) processes.
8. **Payment Method:** Standard payment method implemented as Letter of Credit for secure and standardized transactions.

Antelope DAO Revenue Model

- A platform fee of 2% on successful trades.
 - ✓ 1% from the buyer.
 - ✓ 1% from the supplier.

This Solution Requirement Document outlines the key functionalities, revenue model, and other essential aspects of the Antelope DAO project as per our discussion in the last meeting.