# DIGITAL EQUB PROJECT PROPOSAL

## EXECUTIVE SUMMARY

This proposal outlines the development of a Digital Equb Mobile Application designed to modernize and enhance the traditional Equb financial system. The app will provide users with a secure, user-friendly platform to form and manage Equb groups, track contributions, and ensure transparent financial operations.

## PROJECT OBJECTIVES

The primary goals of the Digital Equb Mobile App are:

- To provide a platform where users can easily join or create Equb groups.
- To automate contribution tracking and payment reminders.
- To ensure secure and transparent financial transactions.
- To include features like chat for group communication and dispute resolution.
- To support multiple languages (e.g., Amharic, Tigrinya, English).

## PROPOSED FEATURES

**Core Features**:

1. **User Registration and Authentication**:
   - Sign up via phone number or email with OTP verification.
   - Profile management.
2. **Equb Group Management**:
   - Create or join Equb groups.
   - Define group rules (contribution amount, frequency, member

3. **Automated Payment System**:
    - Integration with mobile money services or banks.
    - Automatic reminders for contributions.
4. **Transaction History and Notifications**:
    - Track contributions, payouts, and pending payments.
    - Real-time notifications for reminders and updates.
5. **Secure Communication**:
    - Group chat functionality for discussions and conflict resolution.

**Additional Features (Optional)**:
- Language Localization: Amharic and Tigrinya interfaces.
- Savings Insights: Analytics on savings performance over time.

## TECHNOLOGY STACK

- **Frontend**: Flutter (for cross-platform development).
- **Backend**: Django REST Framework (API development).
- **Database**: PostgreSQL (secure and scalable).
- **Payment Gateway Integration**: Support for payment gateways.

## TIMELINE AND MILESTONES

The project will be completed within 12 weeks. Key milestones include:
- **Week 1-2**: Requirement gathering, UI/UX design.
- **Week 3-6**: Backend and database setup, user authentication system.
- **Week 7-9**: Core functionality (group management, payments, notifications).
- **Week 10-11**: Testing and debugging.
- **Week 12**: Deployment and user training.

## COST ESTIMATE

We estimate the development cost for the Digital Equb project to be $2,000, ensuring a comprehensive and high-quality solution tailored to your needs.