

# **LEOConnect – The Smart Volunteer Network**

## **PHASE 1 PROPOSAL**

### **1. Overview**

**LEOConnect** is an innovative social networking mobile application designed exclusively for the **Leo Multiple District 306 (Sri Lanka)** community.

It aims to connect Leos, clubs, and districts through a smart digital space where users can discover, join, and track volunteer opportunities while celebrating the spirit of Leoism - Leadership, Experience, and Opportunity.

By combining **AI-powered matching, social engagement, and gamified experiences**, LEOConnect goes beyond a traditional social media app to create a dynamic, impactful, and rewarding platform for the next generation of Leos.

### **2. Problem Statement**

Currently, Leo members across different clubs and districts face challenges in:

- Discovering relevant volunteering projects and events.
- Connecting with other clubs for collaboration.
- Tracking their individual and club impact easily.
- Gaining recognition for their continuous efforts.

A centralized and intelligent platform is required to connect, inspire, and engage all Leos in one place while promoting their social impact.

### **3. Objective**

To build a **modern, interactive mobile platform** that:

1. Connects Leo members and clubs across MD306.
2. Uses AI-based recommendations to suggest volunteer opportunities.
3. Encourages engagement through gamification and achievements.
4. Showcases Leo projects and real-time impact stories.
5. Strengthens unity, leadership, and collaboration within the Leo network.

## 4. Target Users

- **Leo Members:** Ordinary users who explore, follow, and react to posts/events.
- **Leo Club Administrators:** Verified club/district webmasters who can post official updates and events.
- **Leo Leaders:** District or MD-level representatives managing communication and recognition.

## 5. Key Features

- **AI Volunteer Match** - Suggests projects, clubs, or events that match user interests and past activities.
- **Impact Dashboard** - Tracks personal and club achievements – total volunteer hours, events joined, and impact score.
- **Club Feed** - Displays posts and updates from verified Leo Clubs and Districts.
- **Explore Map** - Interactive map view of upcoming projects or community events across Sri Lanka.
- **Gamified Experience** - Points, badges, and ranks for active participation and contributions.
- **Profile & Verification** - Google authentication for login; Leo ID verification for webmasters.

## 6. Design Theme & UI/UX Concept

- **Primary Colors:-** Black, White, and Gold (as per guidelines).
- **Design Style:-** Minimalist, clean, and professional with rounded shapes and clear icons.
- **User Flow:-** Simple navigation with 4 main tabs - Home, Explore, Impact, Profile.
- **Accessibility:-** Designed for mobile-first experience using Figma prototype.

## 7. Technical Plan & Architecture

**Frontend:** Flutter / React Native

**Backend:** Firebase

- Firebase Authentication (Google Login)
- Cloud Firestore (Posts, Profiles, Events, Clubs)
- Firebase Storage (Images, Media)
- Cloud Functions (AI-based matching logic & ranking updates)

### **Integration Flow:**

1. User logs in → authenticated via Google.
2. User profile created in Firestore → tagged with interests (e.g., Environment, Leadership).
3. Clubs post events → stored in “Events” collection.
4. Recommendation system fetches matching events → displays in “Suggested for You” section.

## **8. Innovation and Creativity**

- Introduces **AI-assisted volunteering** - a new concept for Leo networks.
- Encourages user engagement through **gamified badges and levels**.
- Uses **data-driven dashboards** to visualize community impact.
- Strengthens **cross-district collaboration** and visibility of Leo projects.
- Fully aligns with Leoism values - Leadership, Experience, Opportunity.

## **9. Expected Impact**

- Stronger connection between Leos and clubs across MD306.
- Increased participation in community projects.
- Enhanced recognition and motivation for active Leos.
- A unified digital space promoting service, leadership, and innovation.

## **10. Submission Details**

Figma Prototype Link – <https://www.figma.com/proto/VRfQorDZl1gYTlwsJpuoTm/Untitled?node-id=1-3170&p=f&t=BHnc6Wf6Jajith89-1&scaling=scale-down&content-scaling=fixed&page-id=0%3A1&starting-point-node-id=1%3A2902>

Figma Designs Link -<https://www.figma.com/design/VRfQorDZl1gYTlwsJpuoTm/Untitled?node-id=0-1&t=5VWZY7ntGDw8uqAz-1>

System Architecture Diagram –

<https://www.figma.com/design/CciLyKR77CcSHJQ4N9ksdT/System-Architecture-Diagram?t=5VWZY7ntGDw8uqAz-1>

