

OneHelp PH: Web-based Centralized Volunteering Management System for Community Service in Metro Manila

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ITC C301-301I | INTEGRATIVE PROGRAMMING AND TECHNOLOGIES 1

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Project Domain

Volunteer Management for Community Services

Introduction

Community service is one of the most important roles in terms of contributing to our society, by addressing local needs as well as promoting social responsibility. However, it is common to be a challenge to connect organizations with volunteers. This project proposal contains the development of a web-based volunteer management system that is designed to solve the difficulty for certain individuals willing to help an organization that is actively seeking volunteers. We believe that integrating AI with this platform will make the process of matching, applying, recruiting, and scheduling more accessible and efficient.

SDG 17 Concept

This project's purpose is for connecting non-profit organizations, schools, and communities with volunteers. By this project, it enhances, promotes, and strengthens resource-sharing and collaboration achieving sustainable goals through inclusive community participation.

Problem

Numerous organizations or NGOs are in need of volunteers for community & outreach programs and any other events, but it is difficult for them to reach certain individuals who are interested in helping. Conversely, there are also individuals who want to offer their services for free but unsure how or where to find opportunities. This issue leads to wasted time, opportunity to work together.

Existing Process

Organizations are commonly depending on these processes that are usually time-consuming, inefficient, and susceptible to miscommunication:

- Manual record-keeping, such as email list and spreadsheets for signing up purposes.
- Social Media announcements.
- Verbal announcements.

Proposed System

A web-based online platform and its proposed features:

- Organization & Volunteer registration and profile management.
- Posting events by organizations.
- Matching Volunteers based on their skills, interests, and location.
- Tracking and reporting profile visibility of volunteer participation for recognition and transparency purposes.

Objectives

1. Build a platform that connects volunteers with organizations efficiently.
2. Use AI for efficient skill-based, interest, and location volunteer matching.
3. Strengthen collaboration among NGOs, communities, and schools.

Tools and Technologies: Prototype Stage

- **Design Tool:** Figma
- **Documentation Tool:** Google Docs
- **Future Tech Stack:** HTML/CSS, JavaScript, PHP, MySQL

System Design:

UI Documentation: OneHelp

Font style:

Header – **Poppins**

Subheading – Fredoka

Body Text – Montserrat

Color Palette:

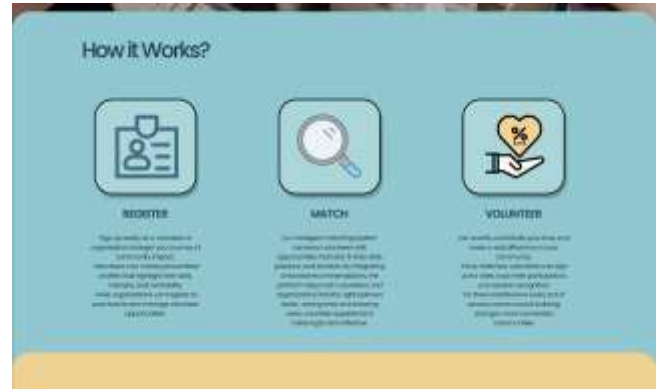
#1B3C53 , #234C6A , #456882, #D2C1B6, #92C7CF, #AAD7D9 ,
#FBF9F1, #E5E1DA



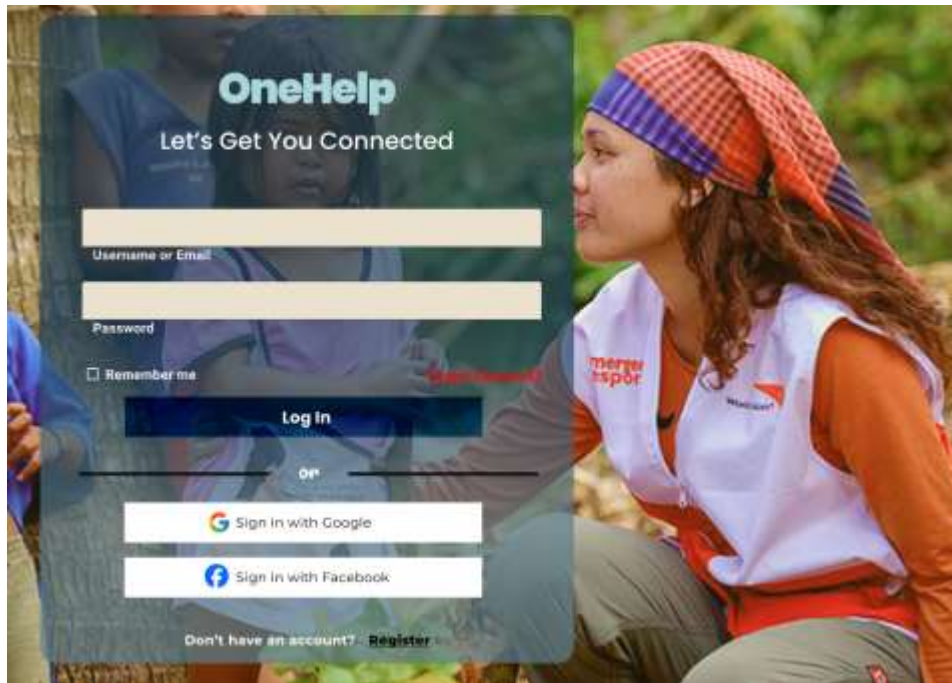
Figma UI: Screenshots

Figma Prototype Link: <https://www.figma.com/proto/VsUAbuIQPaHyLvGWILP6dg/Integ2025---Web-based-Centralized-Volunteering-Platform-team-library?node-id=3377-550&t=nl7rKkMnOvNWfDLI-1>

Home:



Login Page:



OneHelp
Let's Get You Connected


Username or Email


Password

☐ Remember me

Log in

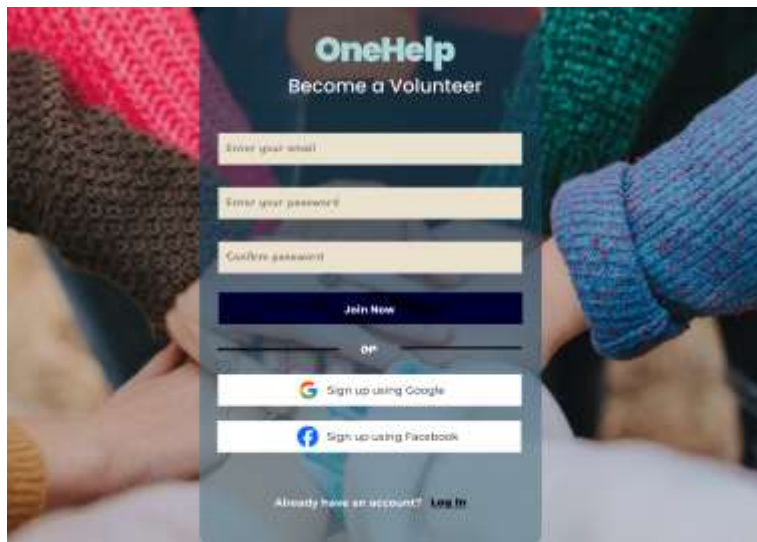
or

 Sign In with Google

 Sign In with Facebook

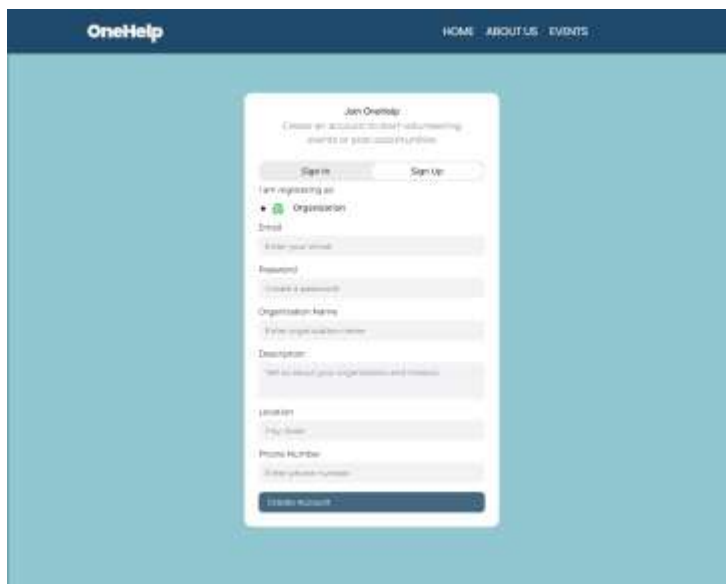
Don't have an account? [Register](#)

Register Page:



The image shows a mobile app registration screen for OneHelp. The background is a blurred photo of people's hands. The form is centered and has a white background. It starts with the OneHelp logo and the text 'Become a Volunteer'. Below this are three input fields: 'Enter your email', 'Enter your password', and 'Confirm password'. A dark blue 'Join Now' button follows. Below the button is a horizontal line with 'OR' in the center. Then there are two social login options: 'Sign up using Google' with the Google logo and 'Sign up using Facebook' with the Facebook logo. At the bottom, there is a link that says 'Already have an account? Log in'.

Organization Sign-up



The image shows a web browser registration page for OneHelp. The header is dark blue with the OneHelp logo on the left and links for 'HOME', 'ABOUT US', and 'EVENTS' on the right. The main content area has a light blue background. A white registration form is centered. It starts with the title 'Join OneHelp' and a subtitle 'Create an account to host volunteering events or place orders online'. There are two buttons: 'Sign in' and 'Sign Up'. Below these, it says 'I am registering as' followed by a radio button and the word 'Organization'. The form then has several input fields: 'Email', 'Enter your email', 'Password', 'Create a password', 'Organization Name', 'Enter organization name', 'Description', 'Tell us about your organization and mission', 'Location', 'City/State', 'Phone Number', and 'Enter phone number'. A dark blue 'Create Account' button is at the bottom of the form.

OneHelp

Organization Dashboard
EcoHope PH!

[Logout](#)

[Dashboard Overview](#)

[Post Event](#)

[Manage Associations](#)

[Messages](#)

[Analytics & Impact](#)

Welcome back, EcoHope PH!

Here's your organization's impact at a glance.

15
Total Events

87
Volunteer Hours

1247
Community Hours

Organization Profile

About Us

A youth environmental organization dedicated to promoting sustainability through education and eco-friendly programs.

Founded: 2021 **Location:** Quezon City, Metro Manila

Rating: 4.5/5.0 (10 reviews)

Recent Activity

- New application from Maria C. Rodriguez
- Agreement Letter Signed for Shree
- Organic Farming Workshop
- New Volunteer Sign Up
- Tree Planting at La Mesa Watershed

Quick Actions

Create Event

Review Applications

☐ You have 1 pending application to review.

This Month's Impact

- Events Created
- Hours Volunteered
- Hours Organized

Overall
Your monthly impact is on track!

The screenshot displays the 'Event Management' application interface. The header is teal with the title 'Event Management' and a subtitle 'Application Overview'. A left sidebar contains navigation links: 'Dashboard', 'Event Overview' (highlighted in blue), 'Manage Event', 'Manage Location', 'Manage User', and 'Manage Category'. The main content area is white and titled 'Event Management List'. It features a table with columns: 'Event Name', 'Category', 'Date', 'Status', and 'Action'. One event is listed: 'Event 1' with category 'Category 1', date '2023-01-01', and status 'Active'. Below the table is a 'Create New Event' button. A 'Manage Event' section is partially visible below the table.


Analytics & Reports


Quick Performance

Name	Classification	Next Available
Top 1000 Products by Sales & Profit Margin 2023-01-01	1	10
Customer Segmentation Analysis & Scores (Q4) High-Level 2023-01-01	10	10
Brand Health and Market Quality Report 2023-01-01	10	10
Program Planning and Campaigning Analysis 2023-01-01	10	10


[illegible]

Events Detail Page:

 OneHelp 🔍 Welcome, Anna Reyes ▾



ARAL PINOY Aklat-Aralan – Youth Teaching Kids



OPEN
(2 days left)

5/10 slots

Join

What is the event about?




YTK (Youth Teaching Kids) volunteers help children with reading, homework, and simple lessons in subjects like English, Math, and Science. Volunteers guide kids step by step, offer encouragement, and become positive role models in a safe, supportive learning environment. They will assist SK Chairperson Xyrone Pelayo (09705659090). The session will be held every Saturday from 9:00 AM-12:00 NN at the SK Hall Ground Floor.

When and Where?

What are my responsibilities?

Volunteer Dashboard:

Hello, [Volunteer Name]!

 User Dashboard Profile Account Logout

Total Events Joined

Hours Volunteered

Upcoming Events

Certificates Earned




[view details](#)

Badges Earned

^ My History

Event Name	Date	Hours	Status
Tree Planting	Sept 18, 2025	2 hrs	Completed

Hello, [Volunteer Name]!

 User Dashboard Profile Account Logout Change Photo

UPDATE

Personal Information

First Name

Age

Birthday

Contact No.

Email Address

Volunteer Information

Skills

Interests

Location

Availability

Hello, [Volunteer Name]!

[User Dashboard](#)[Profile](#)[Account](#)[Logout](#)

Account Settings

Username

Email

Password

[Change Password](#)[Deactivate Account](#)

Hello, [Volunteer Name]!

[User Dashboard](#)[Profile](#)[Account](#)[Logout](#)

Are you sure you want to logout?

[Yes](#)[Cancel](#)

Optional Appendices

