

Group Name: Capstone Enjoyers

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Title 2: Tabang Hub: A Web-Based Local Volunteer Matching App

Rationale

Community engagement and volunteerism play critical roles in addressing local needs and fostering social cohesion. However, many potential volunteers struggle to find opportunities that match their interests, skills, and availability, while local organizations often face challenges in recruiting and managing volunteers. To bridge this gap, Tabang Hub aims to create a web-based platform that efficiently connects volunteers with local opportunities.

Recent experiences with spontaneous volunteers (SV) in Canada and other countries, along with the community-focused nature of volunteerism, highlight the need for significant changes in how SVs are perceived, planned for, and utilized in disaster and emergency management (DEM). While SVs can provide valuable benefits and opportunities during disaster response and recovery, if their efforts are not properly understood and coordinated, they can also pose additional challenges and risks, potentially leading to wasted resources. It is crucial to carefully consider the nature of the relationship between DEM agencies and SVs to ensure that the advantages of volunteer participation—such as speed, flexibility, detailed community knowledge, innovative perspectives, and in-demand skills—are effectively harnessed. (Daddoust et al., 2021)

The Philippines has a long tradition of community involvement in governance, dating back to precolonial times. Recognizing this, the national government has established frameworks for disaster management that include mechanisms for public participation, as outlined in Republic Act 10121, the Philippine Disaster Risk Reduction and Management Act of 2010. This legislation is crucial given the country's history of non-governmental participation in relief and development efforts. (Alampay et al., 2019)

By implementing Tabang Hub, we aim to create a more connected and supportive community where volunteers can easily find meaningful opportunities and organizations can effectively mobilize the help they need. This project not only supports local initiatives but also strengthens the social fabric by promoting civic engagement and volunteerism.

Objectives of the Study

General Objective

The primary goal of this study is to develop Tabang Hub, a web-based platform designed to match local volunteers with community service opportunities, enhancing volunteer engagement and support for local organizations.

Specific Objective

This study seeks to accomplish the following specific objectives:

1. Identify the Existing Challenges and Opportunities in the current volunteer matching process within local communities, including barriers to volunteer engagement and organizational needs.
2. Analyze and Design the Tabang Hub Platform:
 - 2.1. Design a User-Friendly Web-Based Application that will:
 - 2.1.1. Allow volunteers to create profiles and specify their interests, skills, and availability.
 - 2.1.2. Enable organizers to post detailed volunteer opportunities and requirements.
 - 2.1.3. Provide a secure platform for communication between volunteers and organizations.
 - 2.1.4. Allow non participating members to donate
3. Streamline Volunteer Management for Organizations by:
 - 3.1. Developing tools for organizations to efficiently manage volunteer recruitment, scheduling, and communication.
 - 3.2. Providing reporting features to track volunteer participation and impact.
 - 3.3. Developing algorithms to match volunteers with opportunities that align with their profiles, enhancing the likelihood of successful engagements.
4. Enhance Community Engagement by:
 - 4.1. Creating features such as forums and event calendars to foster a sense of community among volunteers and organizations.

Business Model Canvas

Key Partners

- Non-Profit Organizations and NGOs
- Local Government Units (LGUs)
- Educational Institutions
- Corporate Sponsors

Key Activities

- Platform Development and Maintenance
- Volunteer and Organization Support
- Marketing and Outreach
- Community Building

Value Proposition

- For Volunteers and Organizers who are looking for a platform for volunteering, Tabang Hub is a web based app that allows users to look for volunteers and look for programs.

Customer Relationship

- Community Engagement

Channel

- Online Platform
- Social Media

Customer Segment

- Individual Volunteers
- Non-Profit Organizations and Community Groups
- Educational Institutions
- Corporate Entities

Cost Structure

- Platform Development and Maintenance
- Marketing and Outreach

Revenue Stream

- Advertisements
- Donations
- Sponsorships

Comparative Matrix

Features	Tabang Hub	Gawad Kalinga	JobStreet	iVolunteer Philippines
Web-Based Application	✓	✗	✗	✓
Profile Management	✓	✗	✗	✓
Volunteering Posting	✓	✓	✓	✓
Skill Based Matching	✓	✗	✗	✗
Online Donation	✓	✓	✓	✓
Report Generation	✓	✗	✗	✗

References

- Alampay, E., Cabotaje, C., Angeles, L., & Odulio, M. L. (2019). *Local Government-Volunteer Collaboration for Disaster Risk Management in the Philippines*.
- Daddoust, L., Asgary, A., & McBey, K. (2021). *Spontaneous volunteer coordination during disasters and emergencies: Opportunities, challenges, and risks*.
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