APPLIED SCIENCE & ENGINEERING PROJECT 1 (ASEP1) PROJECT_PPT FOR END SEMESTER ASSESSMENT- MARCH 2025

PROJECT TITLE:- NGO Finder: Empowering Social Connections Through Technology

Division:- IT- B   Group No.:- 09   Day:- Saturday   Date:- 01/03/2025

Presented by :
1.Jayesh Hage (12412710)
2.Ruchit Hande (12412034)
3.Rutika Harde (12414865)
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Project Guide :

Prof. Ravishankar Bhaganagare

DEPARTMENT OF ENGINEERING SCIENCES AND HUMANITIES (DESH) VISHWAKARMA INSTITUTE OF TECHNOLOGY, PUNE

Our Team

Ruchit
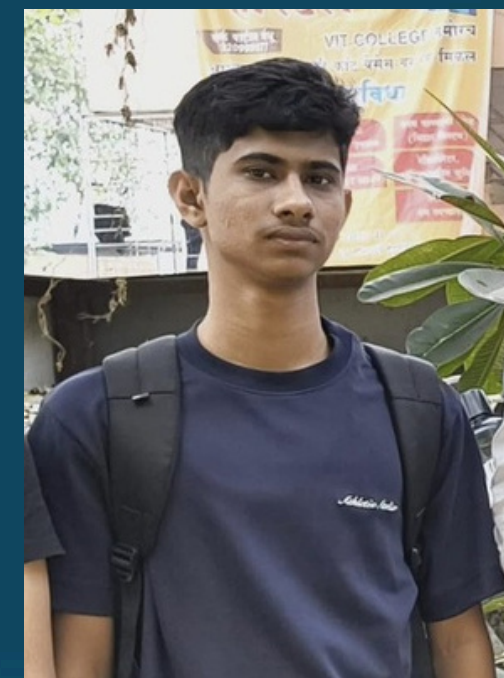Developed website using **HTML, Javascript** and managed the team.

Jayesh
Enhanced **CSS styling** and layout design.

Harsh
Researched and provided content for the website with Javascript.

Akash
Designed **navigation flow** and improved UI/UX.

Hardik
Helped in collecting Research papers.

Rutika
Information Gathering

Abstract

A web-based tool called NGO Finder makes it simple for users to locate and get in touch with NGOs. It offers a straightforward and engaging interface where users may examine NGO details, missions, and contact details. It was created with HTML, CSS, and JavaScript. The website is made to be user-friendly and responsive, guaranteeing seamless navigation across a range of devices. To make the platform more useful and accessible in the future, we intend to include features like real-time updates, multilingual support, and a mobile app.

Keywords →

- Social Welfare
- Local NGOs
- Charity Finder
- Social Development
- NGO Locations

Introduction

- **NGO Finder** is a web-based platform that helps users find and connect with NGOs.

- Provides NGO details and contact information.

- Developed using **HTML, CSS, and JavaScript** for a **responsive and user-friendly** experience.

- Integrated Map for ease of users in locating NGO's.

- It also Aims to **bridge the gap** between NGOs and people willing to contribute.

Literature Review

SR No.	Title of Research Paper	Authors	Name of Journal/ Conferences	Date of Publication	Brief Summary	Remarks
01	NGOs and international development:A review of thirty five years of scholarship.	Jennifer Brass, Robinson, Wesly Longhofer, Allison Schnable.	International conference on social science and Management. Beijing, china.	July ,2018	The research paper *"NGOs and International Development: A Review of Thirty-Five Years of Scholarship"* analyzes the evolving role of NGOs in global development over 35 years. It highlights their impact on poverty reduction, human rights, and social change, while addressing challenges and gaps in the literature. The study suggests directions for future research in the field.	Comprehensive NGO Analysis
02	An Online Platform for Connecting NGO	Ms. Snehal Chaudhari , Ms. Sneha Dighe , Ms. Rucha Desai , Ms. Sofiya Mulla , Mrs. Yugchhaya Dhote	International Journal of Advanced Research in Computer and Communication Engineering	April 2017	"Ego-Object Discovery" is a semi-supervised method using CNNs and a "refill" cue to identify objects of interest in first-person camera images, addressing challenges like noise and infrequent observations. It enhances classification with SVM filtering and iterative clustering, achieving notable results on egocentric datasets like EDUB and PASCAL 2012	Innovative Approach

SR No.	Title of Research Paper	Authors	Name of Journal/ Conferences	Date of Publication	Brief Summary	Remarks
03	Adoption of Virtualization by Government Organizations in Kenya	Tabitha KIHARA, Elizabeth MULI, Lillian CHEGE	IST-Africa 2019 Conference Proceedings	July 2019	The paper examines the adoption of virtualization by Kenyan government organizations, highlighting its benefits in reducing costs, improving efficiency, and enhancing security. It explores how virtualization optimizes ICT infrastructure, with successful examples like Huduma Kenya using VMware to centralize services and improve access, supporting Kenya's Vision 2030 goals.	Cost-effective modernization
04	A Cloud-Based Visual Map Reconstruction for UAV Navigation Using Map Streaming	A. Q. Nguyen , T. D. Tran , N. T. Duong N. P. Nguyen , T. T. Phuong	2022 IEEE Ninth International Conference on Communications and Electronics (ICCE)	2022	This paper presents a cloud-based method for generating 3D maps with drones. Images are processed on the ground, reducing the drone's load and improving efficiency. This leads to faster, more accurate map generation and better navigation.	Efficient Mapping
05	A Proactive Trajectory Planning Algorithm for Autonomous Mobile Robots in Dynamic Social Environments	Lan Anh Nguyen, Trung Dung Pham, Trung Dung Ngo and Xuan Tung Truong	2020 17th International Conference on Ubiquitous Robots (UR)	June 2020	The paper presents a proactive trajectory planning algorithm for autonomous mobile robots operating in dynamic social environments. It integrates social norms and human behavior prediction to ensure safe, efficient navigation. The approach uses dynamic trajectory optimization, anticipating pedestrian movements, and adapting paths to minimize collisions while maintaining socially acceptable behavior.	Advanced pathfinding algorithm

SR No.	Title of Research Paper	Authors	Name of Journal/ Conferences	Date of Publication	Brief Summary	Remarks
06	Sustainable Member Motivation System Proposal for NGOs: NGO-TR	Umutcan Korkmaz, Havva İlayda Altunlu, Arzu Özkan, Enis Karaarslan	1st International Informatics and Software Engineering Conference	November 2019	The paper introduces NGO-TR, a system that uses gamification and blockchain to motivate volunteers, improve NGO management, and ensure transparency. It also explores future possibilities like tokenization and cross-NGO collaboration.	Impactful
07	NON-GOVERNMENT ORGANIZATIONS: PROBLEMS & REMEDIES IN INDIA	Kakumani Lavanya Latha and Kotte Prabhakar	International Journal of Novel Research and Development	2019	NGOs in India play a vital role in national development by aiding marginalized groups and promoting self-reliance through health, education, and poverty alleviation efforts. However, they face challenges like funding shortages, corruption, and declining volunteerism. Remedies include government grants, rural expansion, leadership development, transparency, and promoting youth engagement for greater impact.	Insightful and impactful

Methodology

Designing: Created a responsive webpage layout using HTML and CSS with a simple navigation bar and visually appealing elements.

Algorithm: Planned the flow for location searches and user interaction.

Coding: Developed the frontend with HTML and CSS, we planned its functioning with help of Javascript.

Simulations: Plan to Test the webpage for design responsiveness and planned full-stack testing after integrating all components.

Challenges

- As now we are making pages for each NGO, we felt to advance our website by connecting it with a database and storing NGO information in the database.

- We also felt it was necessary to provide the user with a location-based search option.

- For a more advance website, we have also thought of adding a functionality so that the users who feel to donate to the NGO's can also do that from their home.

Results and Discussions

User-friendly Interface: Simple navigation with search criteria for non-governmental organizations.

Map Integration: An interactive map for locating non-governmental organizations.

NGO Profiles: Comprehensive NGO data and contact information.

Optimized and responsive: Works with quick loading times on all devices.

Future Scope

- Connecting the website with the backend for storing NGO information.

- Allow users to input their location, and then the website will give them a list of NGO's present nearby.

- Allow helpful users to donate money to the NGO's for their development.

Conclusion

The **NGO Finder Website** improves NGO accessibility, making it easier for users to search, connect, and contribute. It bridges the gap between NGOs and the community, with future enhancements like AI recommendations and a mobile app.

References :

Research papers:

Brass, J. N., Longhofer, W., Robinson, R. S., & Schnable, A. (2018). NGOs and international development: A review of thirty-five years of scholarship. *World Development*, *112*, 136-149.

Chaudhari, M. S., Dighe, M. S., Desai, M. R., Mulla, M. S., & Dhote, M. Y. An Online Platform for Connecting NGO. *Chembur, Mumbai University, India, DOI*, *10*.

KIHARA, T., Elizabeth, M. U. L. I., & CHEGE, L. (2019, May). Adoption of Virtualization by Government Organizations in Kenya. In *2019 IST-Africa Week Conference (IST-Africa)* (pp. 1-10). IEEE.

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Latha, L. K., & Prabhakar, K. (2011). Non-government organizations: Problems & remedies in India. *Serbian Journal of Management*, *6*(1), 109-121.

Korkmaz, U., Altunlu, H. İ., Özkan, A., & Karaarslan, E. (2019, November). Sustainable member motivation system proposal for NGOs: NGO-TR. In *2019 1st International Informatics and Software Engineering Conference (UBMYK)* (pp. 1-5). IEEE.

Website Making:
1. Apna College.
2. Code with Harry.
3. Code-Help by Babbar

Technologies:
1. GitHub
2. Canva
3. VS Code