

PROJECT REPORT
ON
WeChain
(Digitalisation of Volunteers-NGOs networking system)
For the partial fulfilment of Software Engineering lab
Semester IV



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CERTIFICATE

It is hereby certified that the Project Report of Software Engineering entitled "**WeChain- Digitalization of Volunteers- NGOs Networking System**" is submitted by Nancy Tayal, Akkati Chethan, Ishika Bhardwaj and Gandham Mahesh, the students of B.Sc. (Hons.) Computer Science, Hansraj College (University of Delhi). It has been found satisfactory and hereby approved for submission.

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We also thank the Principal Ms. Rama and H.O.D. of Computer Science Ms. Baljeet Kaur for providing us the opportunity to embark on this Project.

DECLARATION

It is hereby declared that the Software Engineering Report entitled “**WeChain-Digitalization of Volunteers- NGOs Networking System**” is submitted by Nancy Tayal, Akkati Chethan, Ishika Bhardwaj and Gandham Mahesh, the students of B.Sc. (Hons.) Computer Science, Hansraj College (University of Delhi). The Project Report submitted is our own piece of work and it is an authentic record in accordance with the guidelines and requirements of Software Engineering during the period from 1st January, 2021 to 30th April, 2021 under the guidance of Mr. Suyash Kumar.

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1. INTRODUCTION

India has a vibrant civil society, with more than two million NGOs that benefit from heavy philanthropic donations from inside the country and from abroad. But the country's size and culture make it difficult for the average Indian to engage in civic activities on a day-to-day level, or to offer their input to the decision-making process of an NGO. There is a need — especially at the local and hyperlocal levels — to empower citizens to discover, discuss, organize around and fund civic projects in their communities. So the software system proposed here will be a global platform for civil society organisations, corporates and volunteers. Our agenda is to bring volunteers and organisations together to share time, skills and passion to promote India's social development.

This document aims at defining the overall software requirements for '**Volunteers-NGOs Networking System**'. Efforts have been made to define the requirements exhaustively and accurately. The final product will have only features/functionalities mentioned in this document and assumptions for any additional functionality/feature should not be made by any of the parties involved in developing/testing/implementing/using this product. In case it is required to have some additional features, a formal change request will need to be raised and subsequently a new release of this document and/or product will be produced.

1.1. PURPOSE

This specification document describes the capabilities that will be provided by the software product '**Volunteers-NGOs Networking System**'. It also states the various required constraints by which the system will abide.

The software named '**WeChain**' connects the three major domains i.e. **Volunteers, NGOs and Corporates** involved in volunteering and donations opportunities. We provide a common platform to various NGOs, societies, volunteers, educational institutions and corporates to establish a network to maximise the impact of their philanthropic efforts. Furthermore, we want to build a tech support system, rewarding volunteers for their productive hours donated, expanding the perspective of young people to make them aware of volunteering possibilities.

Volunteers could connect with NGOs for volunteering opportunities and contribute to their projects and events. There is a chance for Volunteers to get internships with a pre-placement opportunity(PPO), furthermore increasing their chance of employment in their interested field. Coming to NGOs, they can publish their volunteering and donations drive in the platform for gaining the required volunteers. Also, NGOs can approach the Corporates for funding of their ongoing projects. Moreover, the Corporates can establish a social wing in their organization with the help of the NGOs.

The intended audience for this document are the Volunteers, the NGOs and the Corporates.

1.2. SCOPE

The software product '**Volunteers-NGOs Networking System**' will be used for linking various NGOs, Corporates and Volunteers/Interns thereby creating a global network to work towards social issues. The software will manage information about the connected NGOs, Corporates and Volunteers/Interns, their regular working, the running projects and their progress, donations made volunteering in various projects/events and simplified processes of registration and working. Internship opportunities in various domains with the job description, rewarding the dedicated and hardworking volunteers with badges, presenting the changes brought up by the NGOs and volunteers through the medium of blogs and vlogs would all be included in the software.

The software will easen the process of looking up for specific NGOs for making donations and volunteering in numerous projects run by them. Besides it will lend the comfort of getting all the opportunities on one global platform connecting the common masses and the NGOs.

1.3. DEFINITION, ACRONYMS AND ABBREVIATIONS

Following abbreviations have been used throughout this document:

- (i) SRS: Software Requirements Specification

- (ii) SDLC: Software Development Life Cycle
- (iii) NGO: Non-Governmental Organization
- (iv) DMO: Data Management Operator
- (v) GUI: Graphical User Interface
- (vi) DOB: Date of Birth
- (vii) IEEE: Institute of Electrical and Electronics Engineers

1.4. REFERENCES

- (i) Social Work Wikipedia: For information about NGOs, social work and need for a software to ease their working.
- (ii) Those In Need : To get detailed information about the various components of the software.
- (iii) iVolunteer : To get an idea on how to share time, skills and passion to promote India's social development.
- (iv) IEEE Recommended Practice for Software Requirements Specifications – IEEE Std 8301993

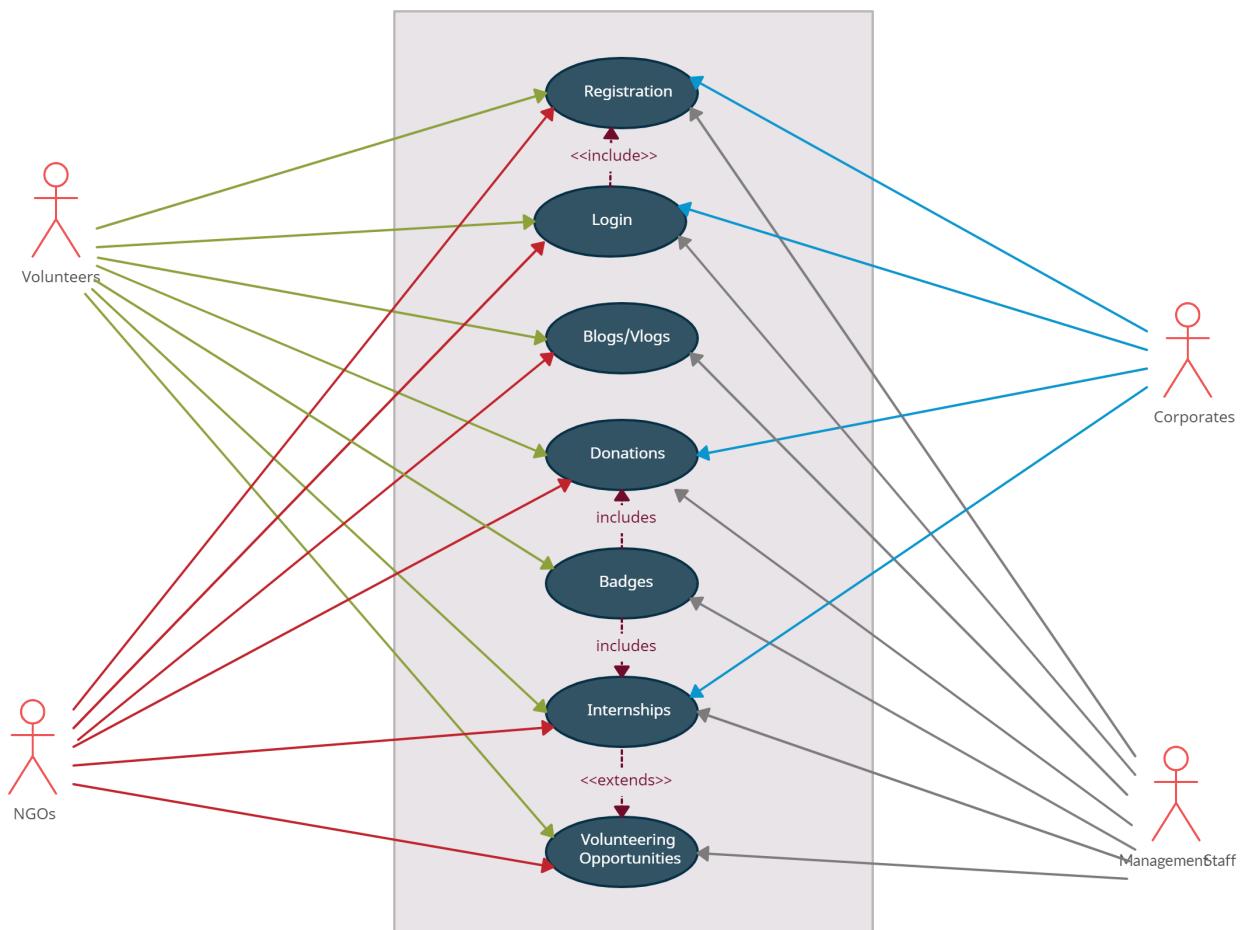
1.5. OVERVIEW

India has a vibrant civil society, with more than two million NGOs that benefit from heavy philanthropic donations from inside the country and from abroad. It is quite evident that the country's size and culture make it difficult for the average Indian to engage in civic activities on a day-to-day level, or to offer their input to the decision-making process of an NGO.

With this learning, we have reached onto a consensus to develop a software-based Volunteers-NGOs networking system, namely- WeChain. The software is designed keeping in mind the deficiencies experienced in the present non-digitized management system for the volunteers, the NGOs and the Corporates. Efforts have been made to define the requirements exhaustively and accurately.

The rest of this SRS document describes the various system requirements, interfaces, features and functionalities in detail.

1.6. USE-CASE DIAGRAM



1.7. REQUIREMENT ELICITATION BASED ON USE-CASE DIAGRAM

The components of our use case diagram are as follows:

1.7.1. ACTORS:

- (a) Volunteers
- (b) NGOs
- (c) Corporates
- (d) Management staff

1.7.2. USE-CASES:

- (a) Registration:** to let new users get enrolled in the Volunteers-NGOs Networking System by providing the necessary information.
- (b) Login:** Use to provide a way to enter through user id & password.
- (c) Donation:** to let interested volunteers/corporates to make donations to the NGOs.
- (d) Blogs/Vlogs:** to allow the actors to post their blogs/vlogs on the Volunteer/NGO networking system.
- (e) Internship:** providing internships to the volunteers to give them real time work experience and let them contribute towards the NGOs.
- (f) Volunteering Opportunities:** lets NGOs provide opportunities for volunteering in different categories such as health, education, etc.
- (g) Badges:** providing badges to the volunteers to motivate and encourage such acts of kindness.

1.7.3. RELATIONSHIPS:

They are represented by straight lines in the use case diagram among different entities and use-cases.

1.8. REQUIREMENT ELICITATION (Use cases)

1.8.1. REGISTRATION

- **Introduction:** This use case describes how a user registers itself in the website.
- **Actors:**
 - (i)Volunteers
 - (ii)NGOs
 - (iii)Corporates
 - (iv)Management Staff
- **Pre Conditions :** None
- **Post Conditions :** If the use case is successful, the actor becomes a registered user and can use the platform afterwards just by logging in. If not, the system state is unchanged.
- **Flow of Events**
 - **Basic Flow :** This use case starts when the actor uses the Volunteers-NGOs Networking System for the first time.
 - First the system requests the actor to enter his/her Email address, phone number, role, password and confirms the password entered.
 - System compares the password and confirm password, if both are the same the system registers the actor, receiving which an OTP is sent on the

mobile number provided by the actor and sends a confirmation mail to the actor.

- On entering the correct OTP the actor is requested to login to the website.
- The actor login with the appropriate username and password.

- **Alternate Flows :**

- OTP is incorrect

If in the basic flow, the actor enters an incorrect OTP, the system displays an incorrect OTP error message. The actor can choose to perform one of the following steps - return to the beginning of the basic flow and verify his entered mail and phone number and try again or click the resend OTP button or cancel the registration, at that point, the use case ends.

- OTP is not received

If in the basic flow, the actor did not receive the OTP, he/she can choose to perform one of the following steps - return to the beginning of the basic flow and verify his entered mail and phone number and try again or click the resend the OTP button or cancel the registration, at that point, the use case ends.

- password and confirm password doesn't match

If in the basic flow, the actor enters a different password and confirms the

password, the system displays an error message. The actor can choose either to return to the beginning of the basic flow or cancel the registration, at that point, the use case ends.

- **Special Requirements :** None
- **Use case Relationships :** This use case is related with the login use case, an actor can login only if he/she is a registered actor else the state of the system remains unchanged for the user.

1.8.2. LOGIN

- **Introduction:** This use case describes how a user logs into the Volunteers-NGOs networking system.
- **Actors:**
 - (i) Volunteer
 - (ii) NGO
 - (iii) Corporates
 - (iv) Management Staff
- **Pre Conditions:** The actor must be registered on Volunteers-NGOs networking system.
- **Post Condition:** If the use case is successful, the actor is logged into the system. If not, the system state is unchanged.
- **Flow of Events:**
 - **Basic Flow:** This use case starts when the actor wishes to login to the Volunteers-NGOs networking system.
 - System requests that the actor should enter his/her email id and password.
 - The actor enters his/her email id and password.

- System validates email id and password, and if found correct, allows the actor to log into the system.

- **Alternate Flows:**

- **Invalid email-id and Password**

If in the basic flow, the actor enters an invalid name and/or password, the system displays an error message. The actor can choose to either return to the beginning of the basic flow or cancel the login, at that point, the use case ends.

- **Special Requirements:** None
- **Use Case Relationships:** includes-> **REGISTRATION**

1.8.3. *BLOGS/VLOGS*

- **Introduction:** This use case allows the actors to post their blogs/vlogs on the Volunteer/NGO networking system.
- **Actors:**
 - (i) Volunteer
 - (ii) NGO
 - (iii) Management Staff
- **Pre Conditions:** The actor must be logged on to the system before the use case begins.
- **Post Condition:** If the use case was successful, a blog/vlog is added into the backend database of the system. Otherwise, the system state is unchanged.
- **Flow of Events:**

- **Basic Flow:** This use case starts when the actor wishes to upload his blog/vlog in the Volunteer/NGO networking system.
 - The system requests the actor to specify the function that he/she would like to perform (blog/vlog).
 - One of the sub flow will execute after getting the information.
 - If the actor selects "Blog",
 - The actor is required to add title and description to the blog.
 - The actor needs to share his details(name and email id)
 - Then finally upload the blog.
 - On complete uploadation done, a badge is added in the actor's profile.
 - If the actor selects "Vlog",
 - The actor is required to add title and description to the blog.
 - The actor needs to share his details(name and email id)
 - Then finally upload the blog.
 - On complete uploadation done, a badge is added in the actor's profile.
- **Alternative flows:**
 - Volunteer/NGO not found: If in the uploading blogs/vlogs sub flows, a registered actor does not match with the details provided(name and email id), the system displays an error message .The actor may enter a different id or cancel the operation. At this point ,Use case ends.
 - Upload cancelled: If in the uploading blogs/vlogs sub-flows, the actor decides not to upload the blog/vlog, the uploadation is cancelled and the basic flow is restarted at the beginning.

- Upload failed: If in the uploading blogs/vlogs sub-flows, the final uploadation failed and the basic flow is restarted at the beginning.
- **Special Requirements:** None
- **Use Case Relationships:** includes-> **BADGES**

1.8.4. DONATIONS

- **Introduction :** This use case describes how the 'Volunteers-NGOs Networking System lets volunteers/ corporates make donations to NGOs.
- **Actors :**
 - (i)Volunteers
 - (ii)Corporates
- **Pre Conditions :** The volunteers/corporates must be logged into the system.
- **Post conditions :** If the use case is successful, the actor would have made a donation to the NGO and the donation would have been received by the designated NGO. If not, the system state is unchanged.
- **Flow of events**
 - **Basic Flow :** This use case starts when the actor wishes to make a donation.
 - The actor looks for and selects the specific domain where he/she wishes to make a donation.
 - The actor then selects the project of his/her interest in the selected domain where he/she would be donating.

- In the selected project the actor gets all the details to contact (Email and contact details) the NGO and make his/her contribution thereafter and earn the badges.

- **Alternate Flows :** No projects are available in the selected domain.

If in the basic flow, the actor selects a domain in which no projects are currently available, the actor can choose either to return to the beginning of the basic flow and select any other domain in which projects are available or cancel the donation, at that point, the use case ends.

- **Special Requirements :** None
- **Use case Relationships :** includes -> badges

1.8.5. BADGES

- **Introduction :** This use case describes how volunteers get Badges for various
- **Actors :** Volunteers
- **Pre conditions:** The volunteers must be logged into the system and have completed his/her profile.
- **Post Conditions:** If the use case is successful, the actor may get a badge for his/her work. If not, the system state is unchanged.
- **Basic Flow:** This use case starts when the actor logs into the system and participates in various activities.
The actor earns badges in the following cases:
 1. Actor completes his/her profile.
 2. Actor completes an internship.
 3. Actor fulfilled the volunteering opportunities he had applied for.

4. Actor made a donation to the NGO.
5. Actor writes a blog/vlog.
6. Actor invite other volunteers to become a member of this platform.

- **Alternate Flows:**

Actors failed to complete the above mentioned tasks. If in the basic flow

the
Actors failed to fulfill any of the above mentioned tasks, the actor can choose either to return to the beginning of the basic flow and try to fulfill the chosen task or may withdraw in which case no badges are given to the actor, at that point, the use case ends.

- **Special Requirements:** none
- **Use Case Relation:** included by -> internships, volunteering opportunities, donations, blogs/vlogs

1.8.6. INTERNSHIPS

- **Introduction :** This use case describes how volunteers get internships from NGOs/corporates/Management staff.
- **Actors :**
 - (i)Volunteers
- **Pre Conditions:** The volunteers must be logged into the system and have completed her/his Profile.
- **Post Conditions:** If the use case is successful, the actor may get an internship from the designated NGO/Corporates/Management staff. If not, the system state is unchanged.
- **Basic Flow:** This use case starts when the actor wants to apply

for the Internship.

- (i) Actor looks for an internship in a desired Domain.
- (ii) actor selects an internship from the list of internships.
- (iii) Applies for the internship and uploads his/her CV and other documents if required.
- (iv) Actors will get an internship, if the application is approved by the designated NGOs/corporates/Management staff.

- **Alternate Flows: Actor failed to upload his/her CV**

If in the basic flow, the Actor fails to upload his/her CV, the actor can choose either to return to the beginning of the basic flow or cancel the application for the internship, at that point, the use case ends.

- **Actor's CV did not get shortlisted.**

If in the basic flow the provided CV is incompatible with the qualifications required for the internship the system either displays a message like better luck next time or sends a mail. The actor can choose either to apply for other internships or wait and work on his/her skills, at that point the use case ends.

- **Special Requirements:** None

- **Use case Relationships:** extended by -> Volunteering opportunities

1.8.7. VOLUNTEERING OPPORTUNITIES-let NGOs provide opportunities for volunteering in different categories such as health, education, etc.

- **Introduction:** This use case describes how volunteers get an opportunity.

- **Actors:**

(i)Volunteers

- **Pre Conditions:** The Actor must be logged into the system and must have completed her/his Profile.
- **Post Conditions:** If the use case is successful, the actor may get a volunteering opportunity from the designated NGO. If not, the system state is unchanged.
- **Basic Flow:** This use case starts when the actor wants to apply for a volunteering opportunity.
 - (i) Actor look for a volunteering opportunity in the desired domain.
 - (ii) The actor applies for an opportunity from the available opportunities.
 - (iii) Actor provides documents if required.
 - (iv) The Actor will get the volunteering opportunity, if the NGO approves his/her documents and profile.
- **Alternate Flows: Actors failed to upload Document.**
 - (i) If in the basic flow, the Actors failed to upload Document the actor can choose either to return to the basic flow and try uploading the documents again or withdraw from that opportunity and look for other options available, at that point the use case ends.

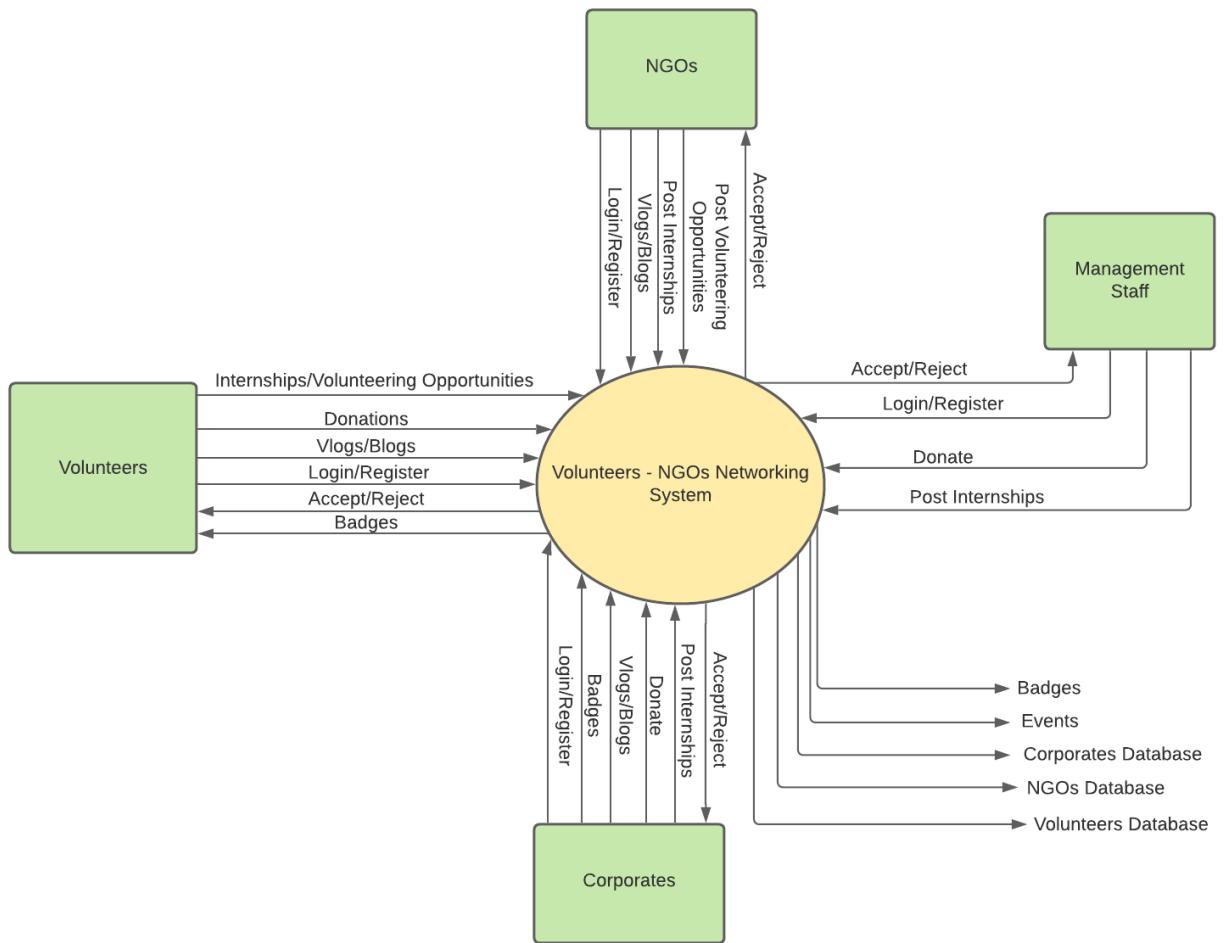
actors did not get shortlisted

If in the basic flow the provided document and the profile uploaded are not approved by the NGO, the system either displays messages like better luck next time or sends a mail. The actor can choose either to apply for the other volunteering opportunities or may not apply, at that point the use case ends.

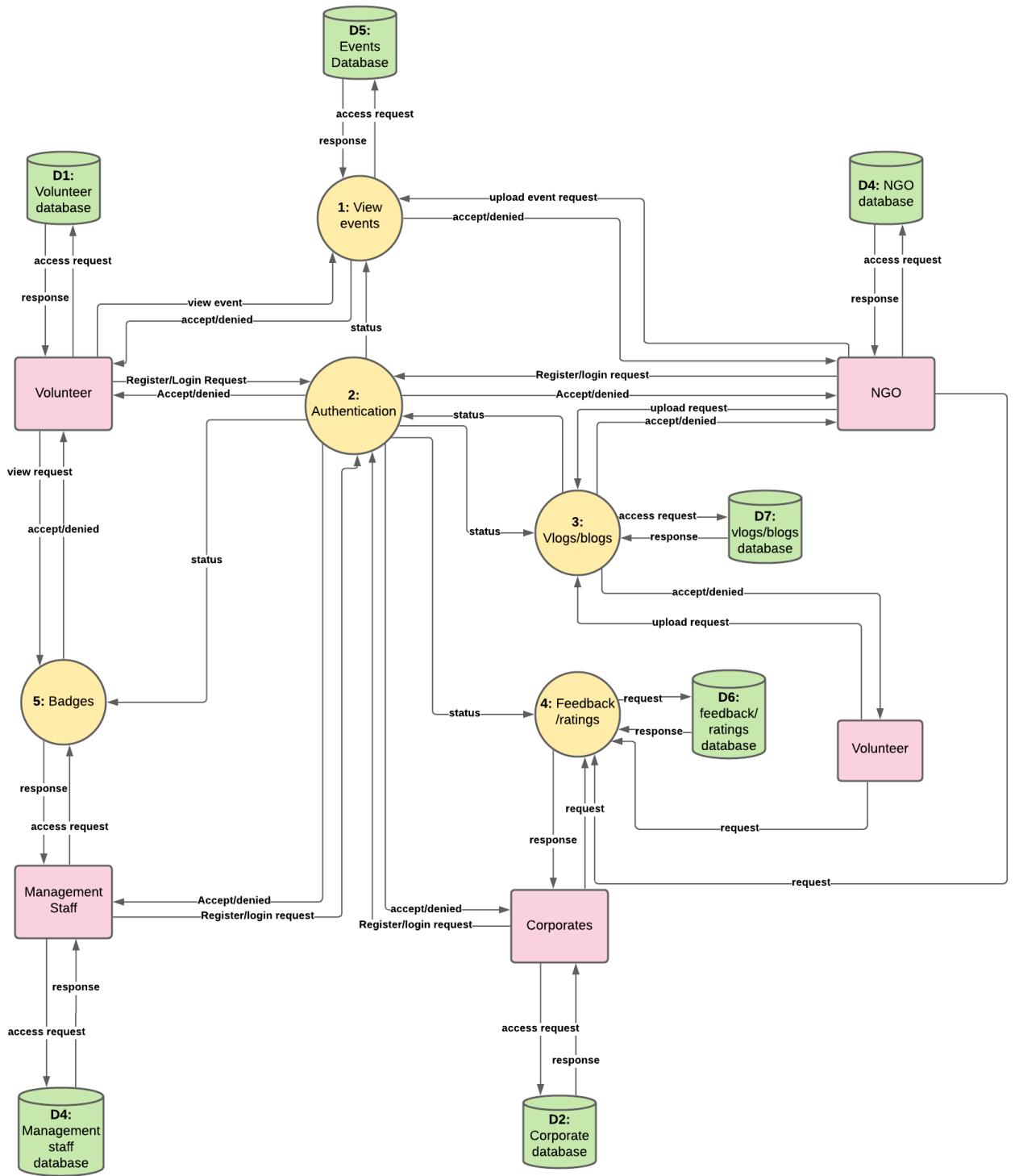
- **Special Requirements:** None
- **Use case Relationships:** extends -> internships

1.9. DATA FLOW DIAGRAMS:

1.9.1. Context Level Diagram

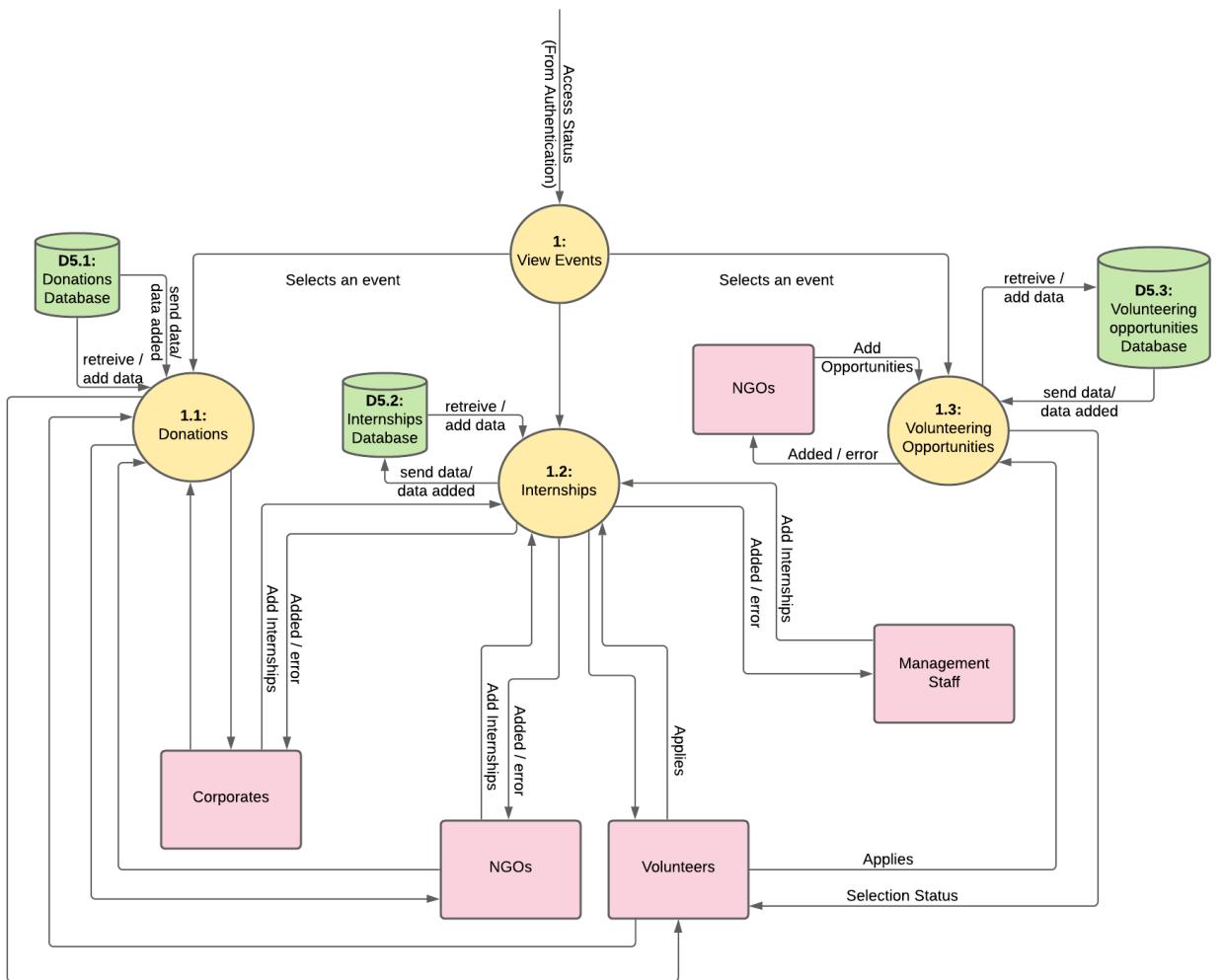


1.9.2. LEVEL 1 DIAGRAM

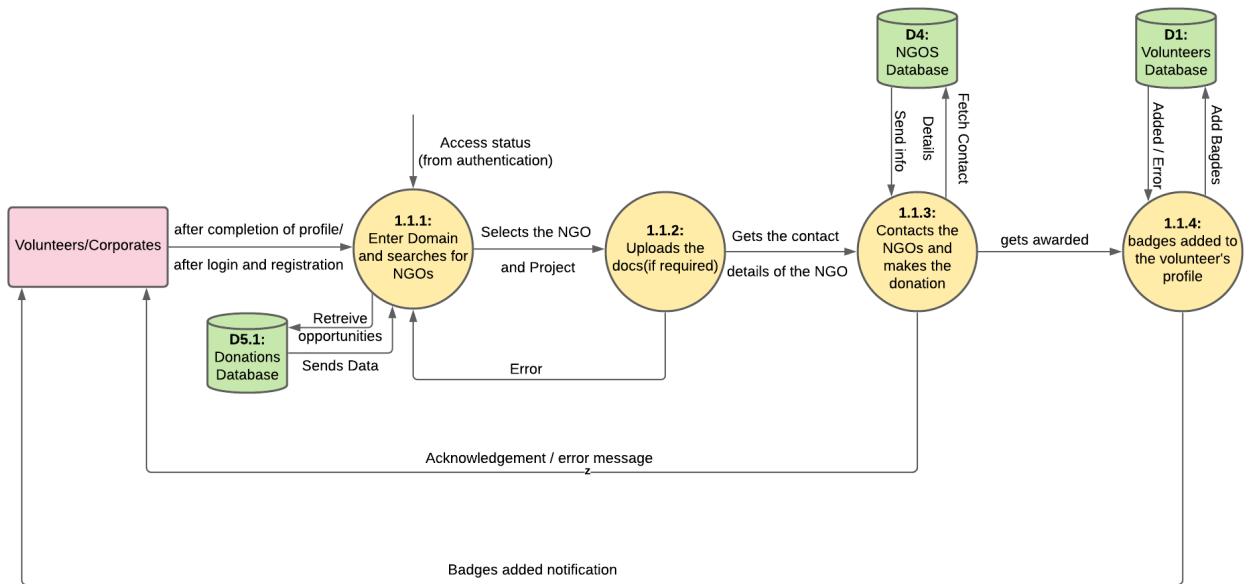


1.9.3. LEVEL 2 DIAGRAMS

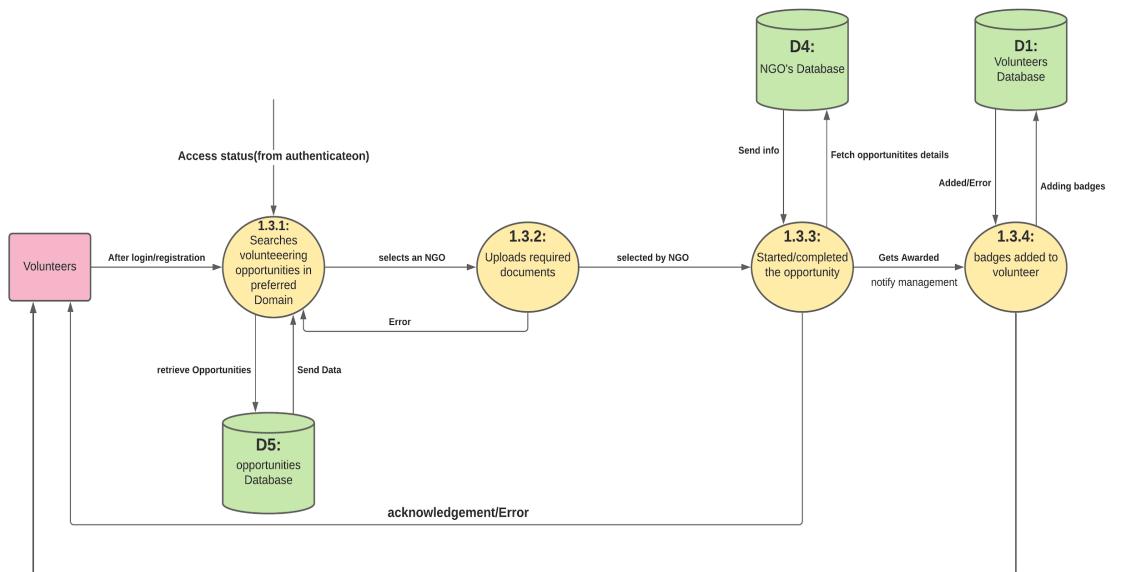
1.9.3.1. EVENTS



1.9.3.1.1. DONATIONS

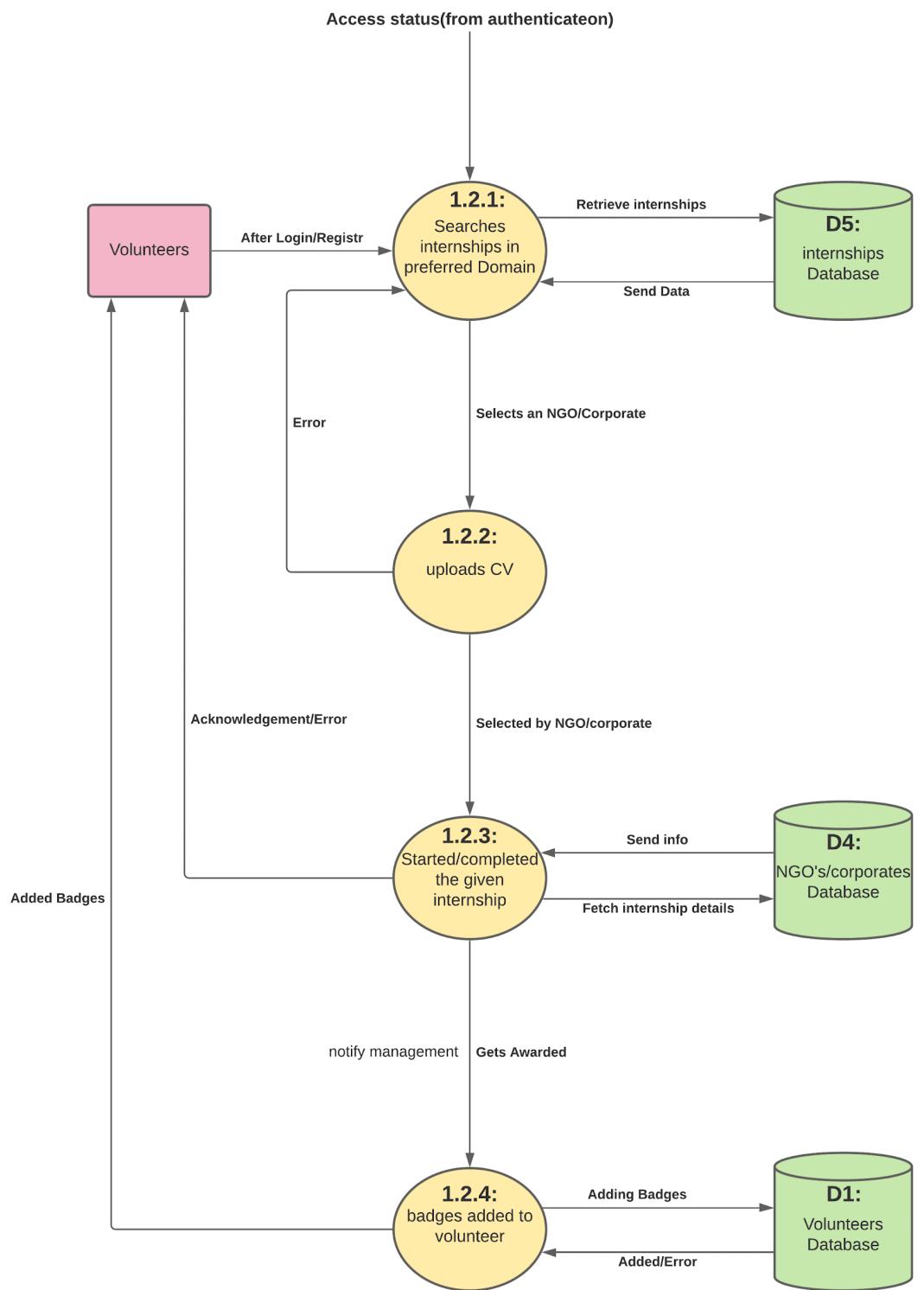


1.9.3.1.2. VOLUNTEERING OPPORTUNITIES

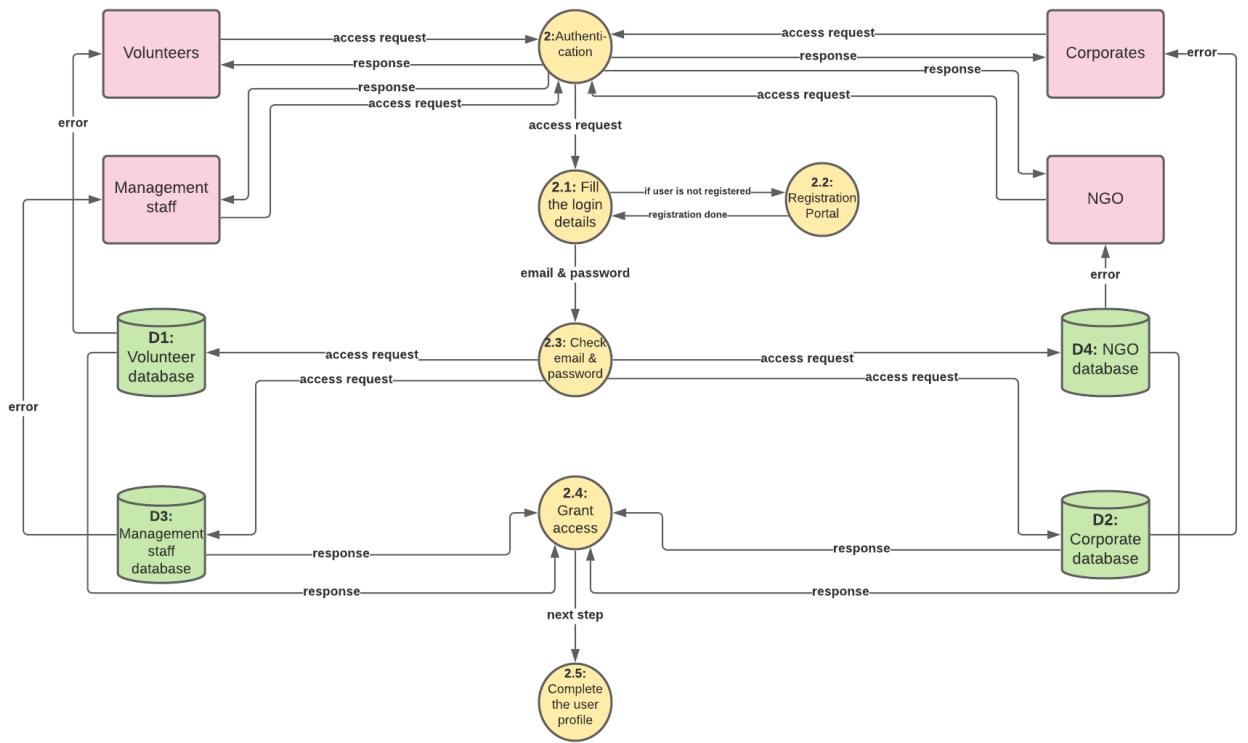


1.9.3.1.3.

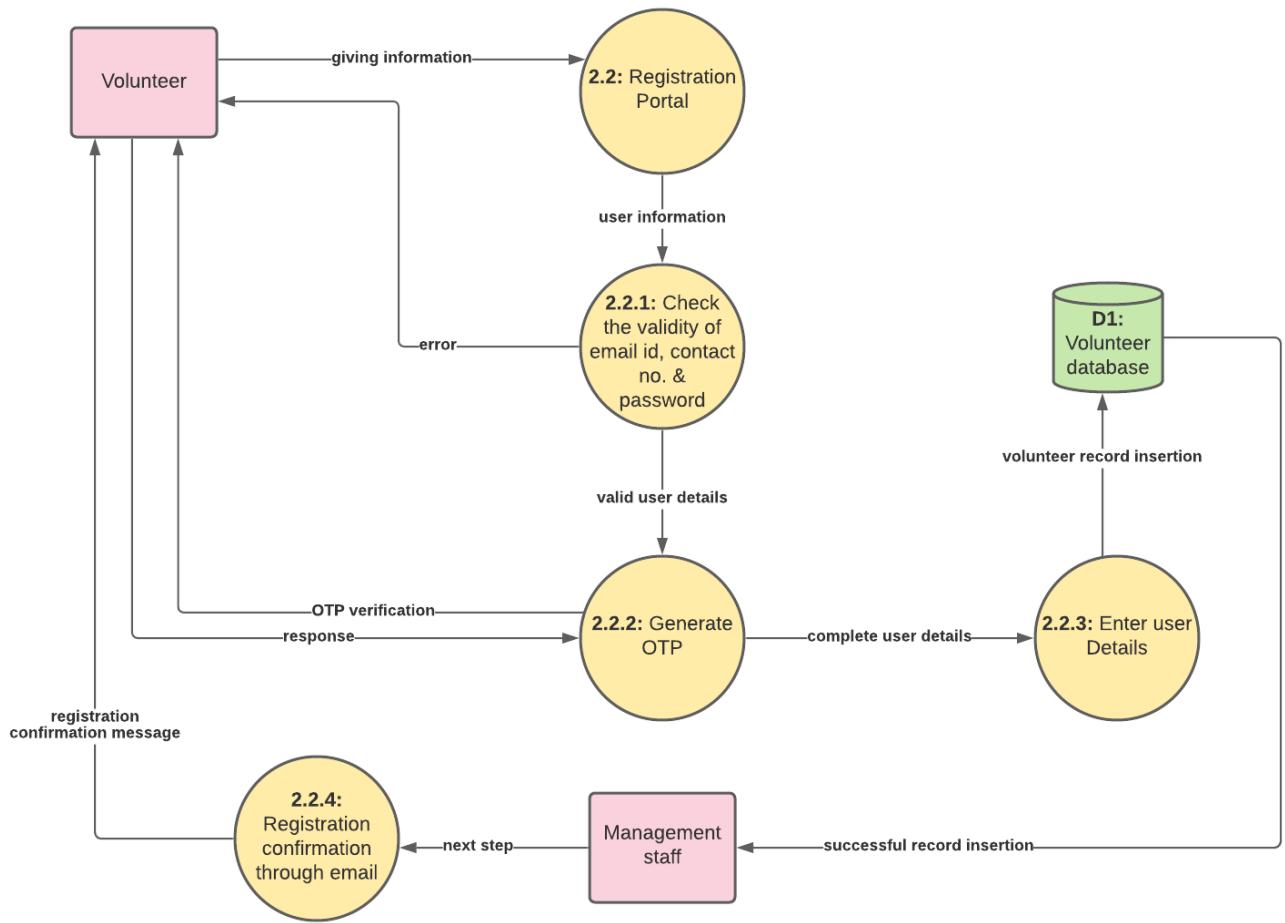
1.9.3.1.4. INTERNSHIPS



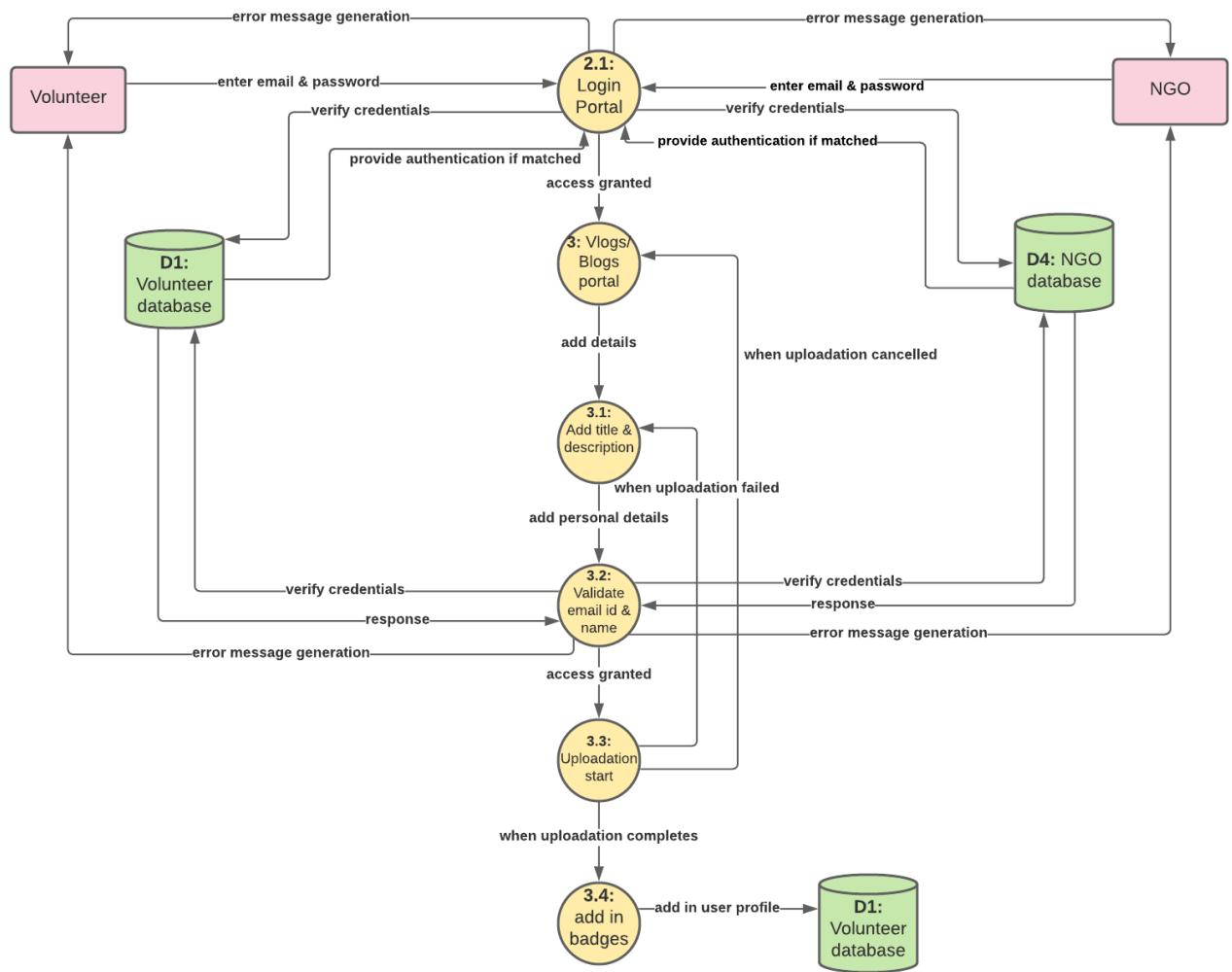
1.9.3.2. AUTHENTICATION



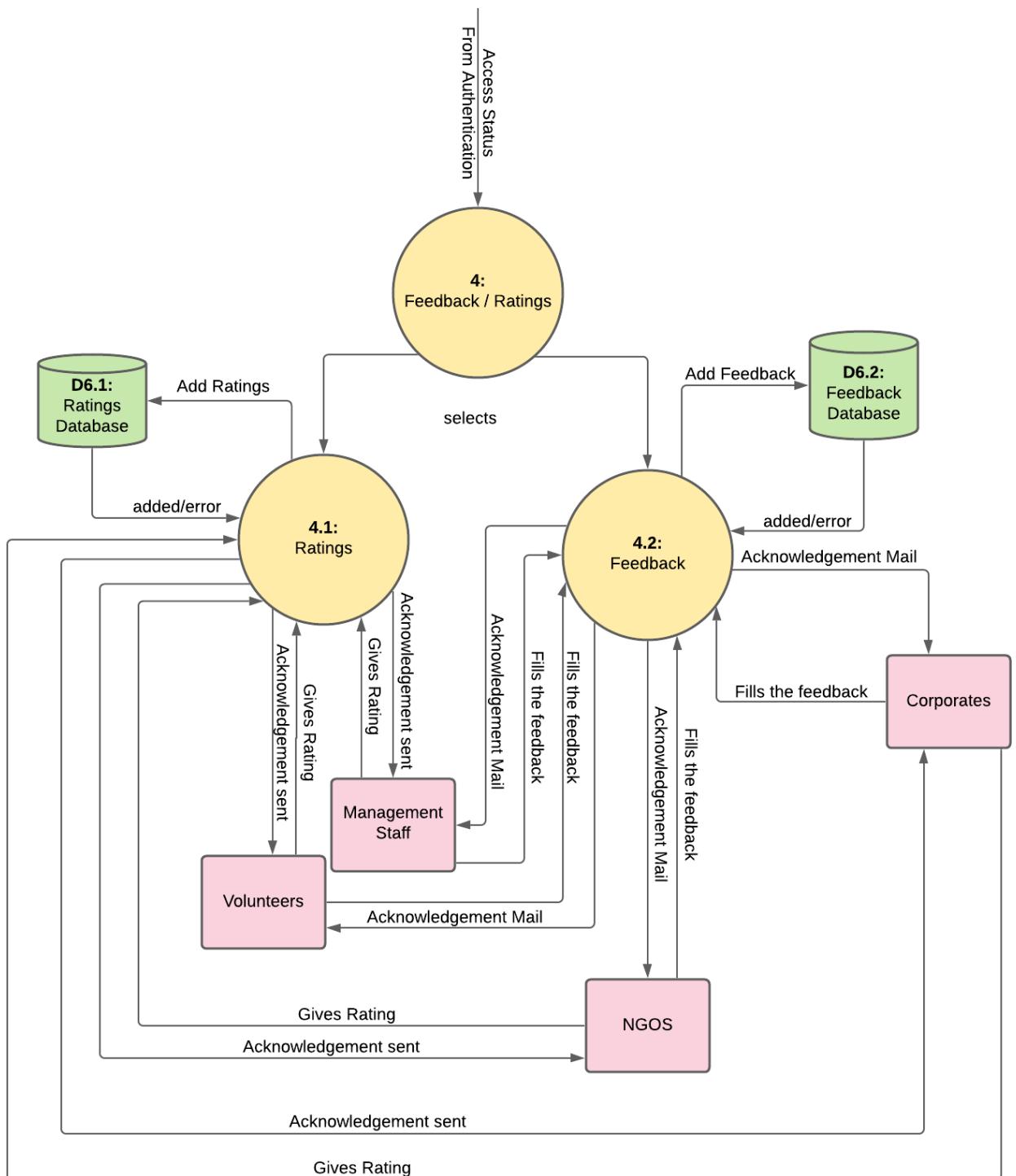
1.9.3.2.1. REGISTRATION PORTAL



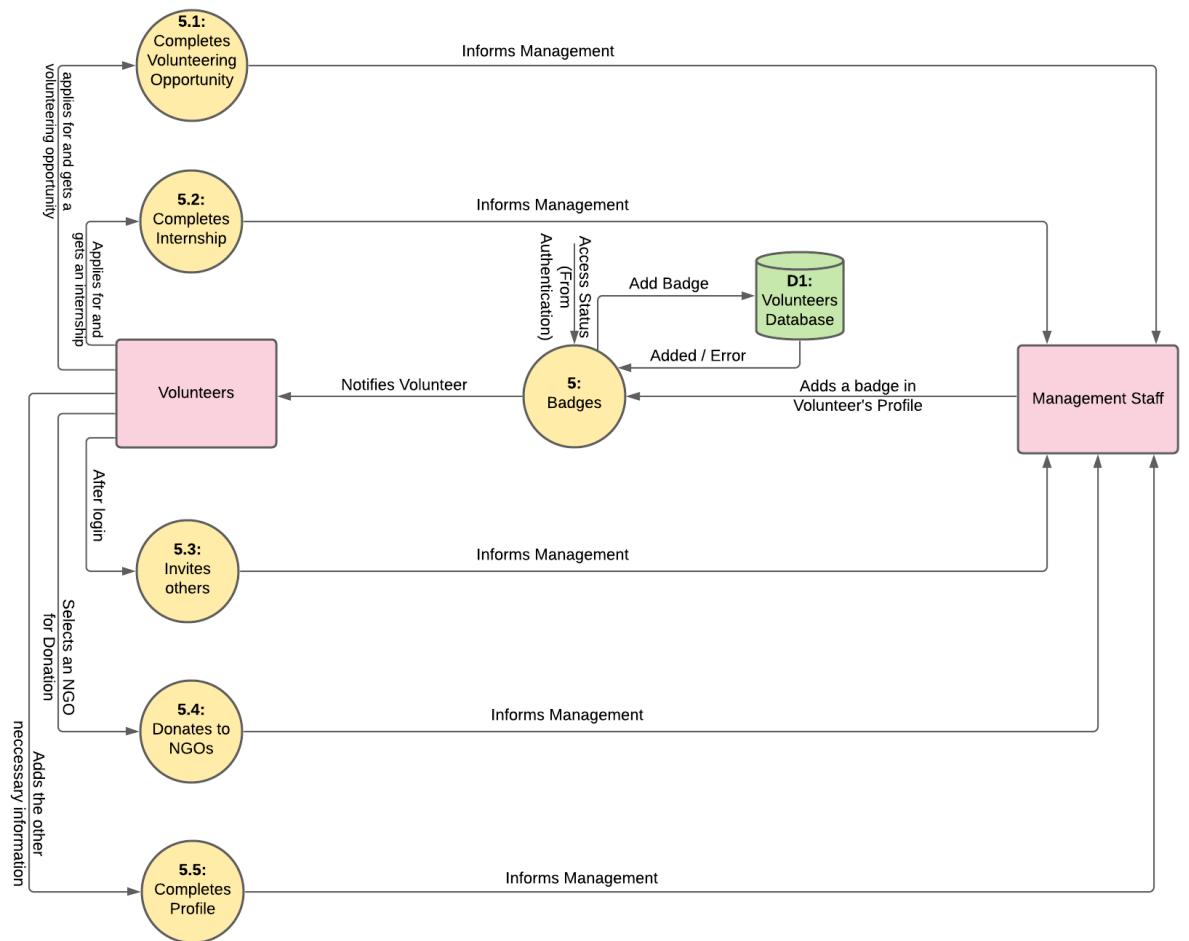
1.9.3.3. VLOGS/BLOGS



1.9.3.4. FEEDBACK/RATINGS



1.9.3.5. BADGES



2. OVERALL DESCRIPTION

The requirements of the software deal with the problems observed in the real time volunteering process, absence of the social platforms connecting volunteers with corporates and NGOs, and proper linkage of these three vast domains.

The software provides an online Volunteer-NGO networking system to registered users, extending up to different domains of social causes and issues, depending upon user-specific needs. It also caters to provide a secure platform with levels of authentication to allow authorized access to store details which is not possible in non-digitized form and may cause breach of data by unauthorized access.

The software has a section named as "view events", covering all the volunteering, internship and donation opportunities. The interested users could participate according to their interested profile and domain. Moreover, the feature of vlogs or blogs has been added to the system to showcase the importance of social work. To maintain a learning and friendly decorum, the software initiated the concept of feedback and ratings from the users in many sections after they have successfully participated in the event. In a nutshell, the software covers all the domains for the expected users. Likewise, the software caters to the needs of the users registered in every possible sense and would help boost the management, tracking and time-saving metrics of the user administration and working.

Achievements and badges gained along with performance improvements would help the volunteers to get the best of future guidance and support. The software will generate online evaluation and tracking of each user's individual progress along with the monthly report.

2.1. PRODUCT PERSPECTIVE

The application will be a windows-based, self-contained and independent software product.



2.1.1. SYSTEM INTERFACES

User-friendly GUI screens

2.1.2. USER INTERFACES

The software will have a user-friendly and menu-based interface. Following screens will be provided:

- I. A Login screen for selecting the role (Volunteer, Corporate, NGO and Management Staff) and fields for entering the respective username and password will be provided. Access to different screens will be provided based upon the role of the user.
- II. There will be a screen for capturing and displaying information regarding a volunteer, his personal details and complete user profile and the badges he/she has earned.
- III. There will be a screen for capturing and displaying information regarding the events (which includes displaying the donating, volunteering and internship opportunities) from where a volunteer can explore different opportunities of his/her interest and work on it.
- IV. There will be a screen for capturing and displaying information regarding the various events that have occurred in the past and also presenting volunteers of the month.

- V. There will be a screen for capturing information regarding the documents which the volunteer has to upload while applying for an internship or volunteering opportunities.
- VI. there will be a screen for capturing the users feedback and ratings for the software.
- VII. There will be a screen for capturing and displaying information regarding blogs/vlogs which the volunteers/NGOs will be posting, which will be displayed after being verified by the management staff.

2.1.3. HARDWARE INTERFACES

- I. Screen resolution of at least 800×600 - required for proper and complete viewing of screens. Higher resolution can also be there.
- II. A network-based system to use the web application online.

2.1.4. SOFTWARE INTERFACES

Windows/linux operating system in laptops

2.1.5. COMMUNICATIONS INTERFACES

User must be connected to internet through a web browser

2.1.6. MEMORY CONSTRAINTS

None

2.1.7. OPERATIONS

None

2.1.8. SITE ADAPTATION REQUIREMENTS

The terminal at the client site will have to support the hardware and software interfaces specified in above sections.

2.2. PRODUCT FUNCTIONS

The system would allow access only to authorized users with specific roles (Volunteer, NGO, Corporate or Management staff). Depending upon the user's role, he/she would be able to access only specific modules of the system.

A summary of the major functions that the software would perform:

- I. A Registration facility for all the users with different roles to access the portal.
- II. A Login facility for enabling only authorised access to the system.
- III. Users(with role Volunteer) would be able to access the internship, volunteering and donations opportunities that are uploaded for different domains on the portal.
- IV. Users(with role Volunteer) would be able to add/modify/delete the vlogs/blogs on the portal.
- V. Users (with role Volunteer) would be able to view the generated profile and achieved badges.
- VI. Users(with role NGO) would be able to add/modify/delete the internship, volunteering and donations opportunities in different domains on the portal.
- VII. Users(with role NGO) would be able to add/modify/delete the vlogs/blogs on the portal.
- VIII. Users(with role Corporate) would be able to fund the social project

uploaded on the portal by the user(with role NGO).

- IX. Users(with role Corporate) would be add/modify/delete to upload the internship in different profiles on the portal.
- X. Users(with role Management Staff) would be able to handle all the existing information from the backend.

2.3. USER CHARACTERISTICS

- **Educational Level:**

- users in the role of management staff must at least be graduate and skilled in handling the backend using the latest technology.
- Users in the role of volunteer who is applying for a volunteering opportunity or some internship must satisfy the qualifications mentioned for the same.

- **Experience:**

- User who is acting as a volunteer must be well versed with the criteria of allotment of badges and how to look up for different opportunities.
- The users who are acting as NGOs and corporates must be well versed with the process of uploading various opportunities.
- The user who is making a donation must be very clear about the process of donation.

- **Technical Expertise:** Users should be comfortable using general-purpose websites on a computer or mobile phone.

2.4. CONSTRAINTS

The management staff will have to implement a security policy to safeguard the sensitive information of various users(NGOs, volunteers and corporates)_from unauthorised access and misuse (by means of gaining access to the backend

database).

2.5. ASSUMPTIONS AND DEPENDENCIES

The criteria for the allotment of the badges to the volunteers do not change.

2.6. APPORTIONING OF REQUIREMENTS

Not Required

3. SPECIFIC REQUIREMENTS

3.1. EXTERNAL INTERFACE REQUIREMENTS

3.1.1. USER INTERFACES

The following screens interfaces will be provided:

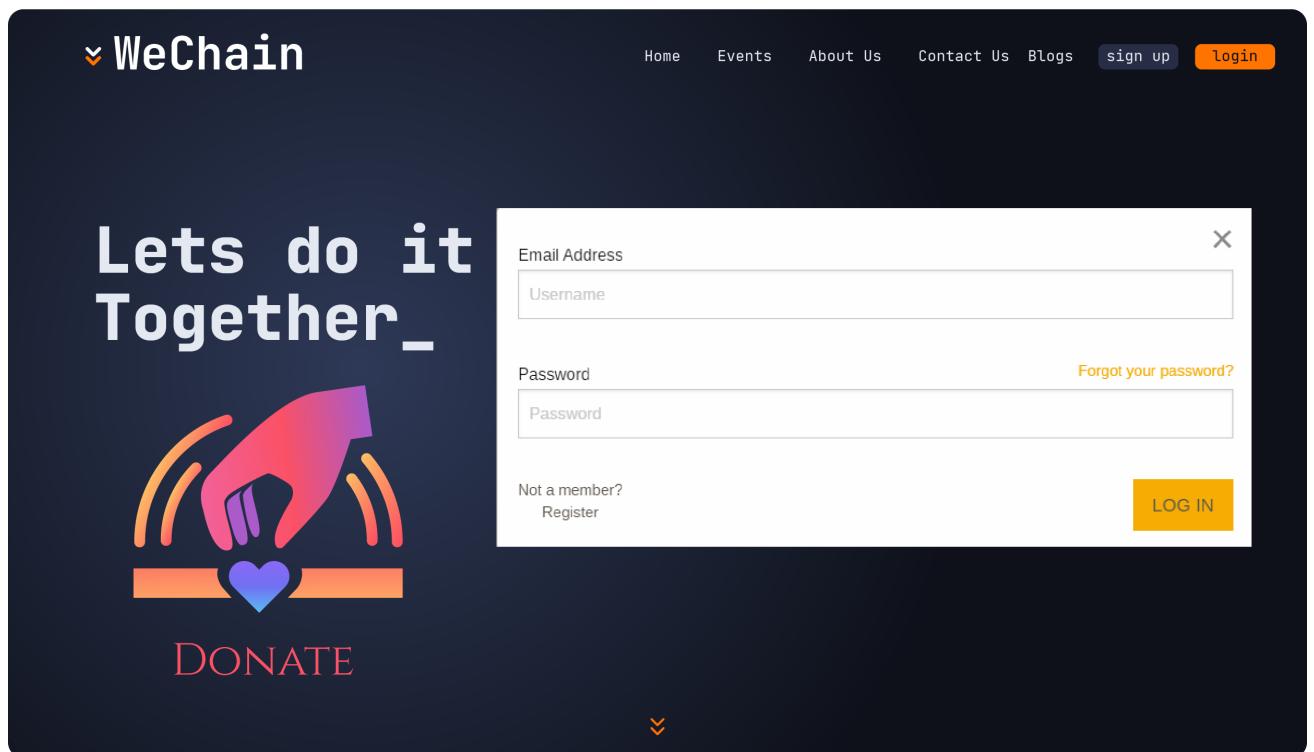
Home Screen

This will be the screen that the unregistered user will encounter when he/she logs in the website. The details displayed here are:

- I. Basic introduction about the website and the numbers displaying the record of no. of organizations, events, volunteers and volunteer hours till now.
- II. Pointers explaining how the website/WeChain works
- III. Registered Organizations- organizations which are connected with the website management looking out for contributors
- IV. Internships- presenting some of the internships being provided.(Further Explorable to look for other internships.)
- V. Volunteering Opportunities- presenting some of the opportunities being provided.(Further Explorable to look for other opportunities.)
- VI. Donations- presenting some of the donation drives being executed.(Further Explorable to look for other drives.)
- VII. Past Events- to showcase some of the successfully completed events(can be explored further to see other past events).
- VIII. Upcoming Events- to present the new events that would be running in the near future.
- IX. Vlogs/Blogs- featuring some of the major vlogs/blogs.
- X. Inspiring Change Makers- the volunteers who has showcased their outstanding work in different social domains(evaluated on the basis of badges)
- XI. Calling Section for Organizations who are interested to register their organization on WeChain
- XII. Featured in- the slidable layout showcasing the platforms where WeChain has been featured for social contribution

XIII. Partner Organizations- the organizations with whom WeChain has collaborated till now

Login Screen



This would be the first screen to be displayed when the user tries to access the other features of the project. It will allow users to access different screens based on his/her role. Following are the fields that will be available on this screen:

- (i) User name: email id with which user is registered.
- (ii) Password: Alphanumeric of length at least 8 characters and must contain both uppercase, lowercase, special characters and numbers.
- (iii) Role: A dropdown list consisting of following values :- Volunteer(default), NGO, Corporate, Management staff

There will be a checkbox for the user to facilitate the “remember me” feature. Furthermore, if the user is not registered already and tries to login,

then there would be a clickable button to register.

Registration Screen

This will be the screen that the user (Volunteer, NGO, Corporate and Management staff) will encounter if he/she is not already registered with the academy, if he/she chooses the sign-up option.

Case 1: Register Email id, Contact Number and Password

The screenshot shows the WeChain website's registration form. The header includes the logo, navigation links (Home, Events, About Us, Contact Us, Blogs), and buttons for 'sign up' and 'login'. The main content features a large banner with the text 'Lets do it Together_' and a hand icon holding a heart. Below the banner is a 'DONATE' button. The registration form is titled 'Register for a Volunteer Account' and is divided into two sections: 'BASIC INFO' and 'CONTACT INFO'. The 'BASIC INFO' section contains fields for Salutation (dropdown menu), First Name (text input with placeholder 'Ex. Ananda'), Last Name (text input with placeholder 'Ex. Kumar'), and Date of Birth (dropdown menus for Day, Month, and Year). The 'CONTACT INFO' section contains fields for Home Street (text input with placeholder 'Ex. F-2/2 Vasant Vihar') and Home City (text input with placeholder 'Ex. New Delhi').

Various fields available on this screen will be:

- (i) Username: email id of user (validity check to be ensured).
- (ii) Contact Number: 10-digit mobile number of user.
- (iii) Role: A dropdown list consisting of following values :-
Volunteer(default), NGO, Corporate, Management staff
- (iv) Password: Alphanumeric of length at least 8 characters and must contain an uppercase, lowercase, special character and number.

- (v) Confirm Password: Exact Alphanumeric password of length at least 8 characters and must contain an uppercase, lowercase, special character and number.

There will be a checkbox for the user to facilitate the “remember me” feature. Furthermore, if the user is already registered and tries to register again with the same user name, then there would be a clickable button to Login to the software.

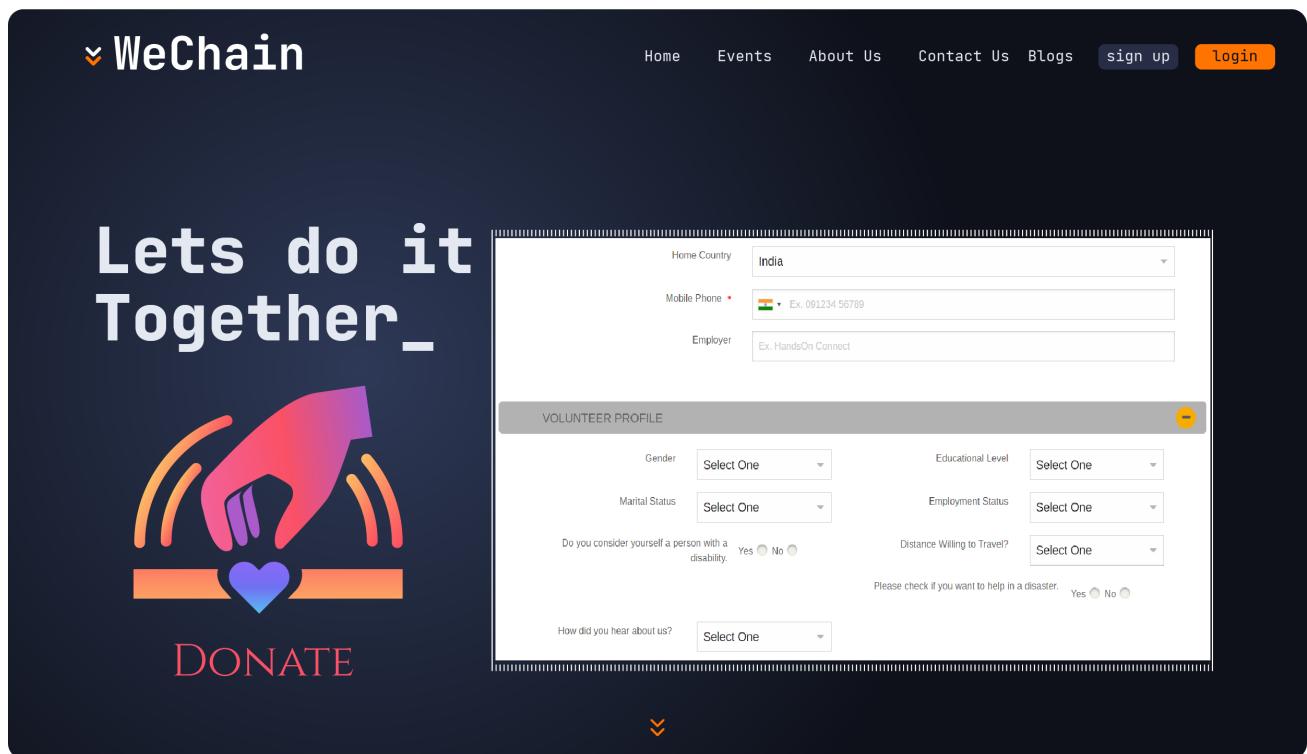
Case 2: OTP generation screen

The OTP would be sent to the registered email id and contact number which has to be filled in the designated field, after which the user is successfully registered.

Various fields available on this screen will be:

- (i) OTP: 6- digit random generated number (validity check to be ensured).
- (ii) Resend OTP button (also, the generated OTP would expire after 59 seconds.)

Dashboard:-



This will be the screen that the user will encounter when he/she logs in the website each time. The details displayed here are:

- I. The profile of the user along with the options to edit it and a slider displaying to what extent a user has completed his/her profile..
- II. Badges the user has earned.
- III. Icons displaying key features of the website(events,badges,projects etc.).
- IV. Past Events- to showcase some of the successfully completed events(can be explored further to see other past events).
- V. Upcoming Events- to present the new events that would be running in the near future.
- VI. Vlogs/Blogs- featuring some of the major vlogs/blogs.
- VII. Internships- presenting some of the internships being provided.(Further Explorable to look for other internships.)
- VIII. Volunteering Opportunities- presenting some of the opportunities being provided.(Further Explorable to look for other opportunities.)
- IX. Donations- presenting some of the donation drives being

executed.(Further Explorable to look for other drives.)

Vlogs/blogs screen

This screen would be accessible only to the user with the role Volunteer, NGO and Management staff.

Case 1: Screen showing uploaded vlogs/blogs:-

This will be the screen that the user will encounter when looking for various vlogs/blogs uploaded till now. The various fields included in this screen are:

Each blog has a topic, description and owner.

Domain (eg- Children welfare, health etc.) for getting the filtered vlogs/blogs for the chosen domain.

Want to share (button) if the user is interested in sharing his/her work on the website.

Case 2: Screen for uploading new vlog/blog

This will be the screen that the user (Volunteer) will encounter when he/she has selected to upload the vlog/blog from the first case screen.

The various fields included in this screen are:

1. **Vlog/blog title**- eye catching title to the content
2. **Vlog/blog description**- one liner description to the content
3. **Vlog/blog domain**(eg- Children welfare, health etc.) for getting the filtered vlogs/blogs for the chosen domain.
4. **Vlog/blog content** to be uploaded
5. **Username**: email id of user (validity check to be ensured).
6. **Upload now** button

Events Screen (Tab):-

This will be the screen that the user (Volunteer) will encounter when looking for various opportunities (Volunteering, Internships and Donating Opportunities) he/she is interested in participating in. The various fields included in this screen are:

- I. **Location** (eg- work from home, Delhi, Uttar Pradesh etc.) for getting the filtered events for the selected location.
- II. **Domain** (eg- Children welfare, health etc.) for getting the filtered events for the chosen domain.
- III. **Category** (eg - Volunteering Opportunities, Internships and Donations) for getting the filtered events for the chosen category.

Case 1: Filter Opportunities Screen:-

This will be the screen that the user (Volunteer) will encounter when he/she has selected one of the criterias from the event screen. Here the user can further filter out the opportunities based on the different filtering fields available. The filtered opportunities will be displayed to the right of the filter tab along with a button(View Details) to view the complete details of an opportunity. The fields included in this screen are:

- I. **Location** (eg- work from home, Delhi, Uttar Pradesh etc.) for getting the filtered events for the selected location.
- II. **Domain** (eg- Children welfare, health etc.) for getting the filtered events for the chosen domain.
- III. **Category** (eg - Volunteering Opportunities, Internships and Donations) for getting the filtered events for the chosen category.
- IV. **Part-Time** to get the opportunities in which the user can contribute according to his/her availability.
- V. **Desired Stipend** filters the opportunities on the basis of the amount entered.
- VI. **Start Date** for specifying the starting date.
- VII. **Max Duration** for specifying the maximum duration the opportunity should be of.
- VIII. **View Details (button)** for viewing the complete details of an opportunity

Case 2: Selected Opportunity View Screen(for Internships and Volunteering Opportunities only):-

The user(Volunteer) will be directed to this screen when he/she has finally selected an opportunity and has clicked the view details button. The data displayed here is:

- I. **Profile** specifies the type of opportunity (content writing, web development, health, child welfare etc.).
- II. **Organisation Name** denotes the name of the organisation putting up the opportunity.
- III. **Start Date** specifies the starting date.
- IV. **Duration** specifies the maximum duration of the opportunity.
- V. **Stipend (for internships only)** specifies the amount the volunteer will be paid.
- VI. **Last Date** specifies the last date for applying/donating.
- VII. **Category** specifies the type of opportunity (volunteering, internship or donation).
- VIII. **Part Time/ Full Time(for internships and volunteering only)** specifies the availability constraint.
- IX. **Description** gives the complete information regarding the opportunity and organisation putting it, skills required, who can apply, perks, number of openings, the contact info of the NGO(for Donations) etc.
- X. **Apply(Button)(for internships and volunteering only)** to proceed to the process of application for the opportunity and upload the required documents.

Case 3: Application Screen (for Internships and Volunteering Opportunities only):-

The screenshot shows a dark-themed application interface. At the top, there's a navigation bar with links for Home, Events, About Us, Contact Us, Blogs, a blue 'sign up' button, and an orange 'login' button. Below the navigation is a large banner with the text 'Lets do it Together_'. In the center, there's a graphic of two hands holding a heart, with the word 'DONATE' below it. To the right of the banner is a form area titled 'VOLUNTEER AVAILABILITY' and 'VOLUNTEER INTERESTS'. The 'VOLUNTEER AVAILABILITY' section includes a grid for selecting days of the week (S M T W T F S) for Morning, Afternoon, and Evening shifts. The 'VOLUNTEER INTERESTS' section has a dropdown menu labeled 'Issue Areas' with the placeholder 'Select options'. Below these sections is a 'LOG IN INFORMATION' area with fields for Email Address, Confirm Email Address, Password, and Confirm Password. There's also a checkbox for receiving communications from the organization. At the bottom of the form area is a small orange downward-pointing arrow.

The user(Volunteer) will be directed to this screen when he/she has clicked on the apply button. Here the user has to upload all the necessary documents that the Organisation requires to evaluate the user. The fields are:

- I. **Upload Documents(fields)** for getting all the documents required.
- II. **Questions** for the volunteers that the Organization feels are necessary for evaluation.
- III. **Submit(Button)** to submit all the information.

Case 4: Upload Opportunity Screen:-

The screenshot shows the homepage of the WeChain website. At the top, there is a navigation bar with links for Home, Events, About Us, Contact Us, Blogs, a sign up button, and a login button. Below the navigation bar, the main heading "Lets do it Together_" is displayed in large white text. To the left of the heading is a logo featuring two hands forming a heart shape with a blue heart in the center. Below the logo is a pink "DONATE" button. On the right side of the main area, there is a search form titled "Volunteer Opportunity Search". The search form includes fields for "Keyword(s)", "Location Type", "Location", and "Any", along with a "Search" button and a "Next >" button. A small note at the top of the search form states: "By registering for an account/membership, you are indicating your acceptance with the [Terms and Conditions](#) for this site."

This screen is only meant to be used by the NGOs, Corporates and Management Staff for uploading the various types of opportunities. The fields included are:

- I. **Profile** specifies the type of opportunity (content writing, web development, health, child welfare etc.).
- II. **Organisation Name** denotes the name of the organisation putting up the opportunity.
- III. **Start Date** specifies the starting date.
- IV. **Duration** specifies the maximum duration of the opportunity.
- V. **Stipend (for internships only)** specifies the amount the volunteer will be paid.
- VI. **Last Date** specifies the last date for applying/donating.
- VII. **Category** specifies the type of opportunity (volunteering, internship or donation).
- VIII. **Part Time/ Full Time(for internships and volunteering only)** specifies the availability constraint.
- IX. **Description** to take the complete information regarding the opportunity and organisation, skills required, who can apply, perks, number of

- openings, the contact info of the NGO etc.
- X. **Documents Required** specifies all the documents the volunteer needs to provide.
 - XI. **Questions** to be asked from the volunteers that the Organization feels are necessary for evaluation.
 - XII. **Submit(Button)** to submit the entered data.

3.1.2. HARDWARE INTERFACES

None

3.1.3. SOFTWARE INTERFACES

windows/linux operating system in laptops.

3.1.4. COMMUNICATIONS INTERFACES

The user must be connected to the internet through a web browser.

3.2. SYSTEM FEATURES

3.2.1. Volunteer Information Maintenance

Description:

The system will maintain the information of a volunteer.

The following information would be maintained for each :

Personal details like name, email, phone number, password, address, category, badges, no of successfully completed internship, donations, volunteering opportunities, id, etc. The system will allow creation/modification/deletion of new/existing volunteers.

Validity Checks:

- (i) Only the Management staff will be authorized to access the volunteer Information Maintenance module.
- (ii) The Personal details will include name, category, email, phone number, location etc. should not be left empty.

(iii) No fields of the details taken at the time of login and registration should be left unfilled before the volunteer information is being stored in the database.

Sequencing Information:

The volunteer information will have to be entered in the system before going to apply for any other events.

Error Handling/Response to Abnormal Situations:

If any of the above validations/sequencing flow does not hold true, appropriate error messages will be prompted to the user for doing the needful.

Volunteer Information Maintenance

ID	Name	Email	P_number	Address	Password	Bdages	No of Internships	Donations	Volunteer opportunities
1001	Rohit	Rohit22@GMAIL.COM	7894563210	1-32,Anand vihar,delhi.	Rohit@123	2	1	0	2
1002	Suresh	Suresh123@gmail.com	8975242352	31/2,b-phase,UP	Suresh57725	1	2	1	3
1003	Venky	Venky432@gmail.com	9551531744	2-13,GB nagar,MP.	V@123	0	3	2	1

3.2.2. NGOs information Maintenance

Description:

The system will maintain the information of a NGO.

The following information would be maintained for each :

NGO details like name, email, phone number, password, etc.

Validity Checks:

- (i) Only the Management staff will be authorized to access the NGOs Information Maintenance module.

- (ii) The Personal details will include name, email, etc.
- (iii) No details should be left empty before going to add in NGOs database.

Sequencing Information:

The NGOs information will have to be entered in the system before going to provide opportunities.

Error Handling/Response to Abnormal Situations:

If any of the above validations/sequencing flow does not hold true, appropriate error messages will be prompted to the user for doing the needful.

NGO Information Maintenance

ID	Name	Email	P_number	Address	Password	No of Internships provided	Donations	Volunteerin opportunities Provided
N1	Smile Foundation	Smilefoundation@gmail.com	7894563210	565,Erangle,delhi.	SMILE4653	1	0	2
N2	Preeti Charity	Preeticharity@gmail.com	8975242352	1-32,Anand vihar,delhi.	Preeti@796	2	1	3
N3	Helpage	Helpage@gmail.com	9551531744	2-13,GB nagar,MP.	Help@31234	3	2	1

3.2.3. *Corporates Information Maintenance*

Description:

The system will maintain the information of a NGO.

The following information would be maintained for each :

NGO details like NGOs name, email, phone number, password, Number of internships offered, feedback of a volunteer,etc.

Validity Checks:

- (i) Only the Management staff will be authorized to access the corporates Information

Maintenance module.

(ii) The Personal details will include Corporate name, email, etc.

(iii) No detail should be left empty.

Sequencing Information:

The Corporate information will have to be entered in the system before going to provide opportunities.

Error Handling/Response to Abnormal Situations:

If any of the above validations/sequencing flow does not hold true, appropriate error messages will be prompted to the user for doing the needful.

Corporate Information Maintenance

ID	Name	Email	P_number	Address	No of Internships provided	Donations	Volunteerin opportunities Provided
C1	ABP Group	abp@gmail.com	656185296	uttarpradesh	89	44	79
C2	Reliance Industries	Reliance Industries@gmail.com	7418529630	mumbai	54	87	21
C3	Cyient	Cyient@gmail.com	9638527410	Delhi	26	45	54

3.2.4. Management Staff Information Maintenance

Description:

The system will maintain the information of a management staff registered on the website. The following information will be maintained:

Personal details like name, email, contact number, password and unique identification number. The system will allow creation/modification/deletion of new/existing management staff.

Database will have the following format:

MANAGEMENT STAFF DATABASE REPORT

NAME	EMAIL ADDRESS	CONTACT NUMBER	PASSWORD	UNIQUE IDENTIFICATION NUMBER
Ishika Bhardwaj	abc@gmail.com	99999 99999	ish123	1221
Nancy Tayal	klm@gmail.com	99999 99998	nan123	1222
Akkati Chethan	pqr@gmail.com	99999 99997	akk123	1223
Gandhan Mahesh	xyz@gmail.com	99999 99996	gan123	1234

Validity Checks:

- I. Only the user with role Management Staff will be authorised to access the Management Staff Information Maintenance module.
- II. Email id of the user cannot be blank.
- III. Email id of the user must follow a certain format.
- IV. Username cannot be blank.
- V. Contact number must be a valid 10 digit number.
- VI. Password must be an Alphanumeric of length at least 8 characters and must contain an uppercase, lowercase, special character and number.

Sequencing Information:

The management staff information will have to be entered in the system before any other user information can be entered.

Error Handling/Response to Abnormal Situations:

If any of the above validations/sequencing flow does not hold true, appropriate error messages will be prompted to the user for doing the needful.

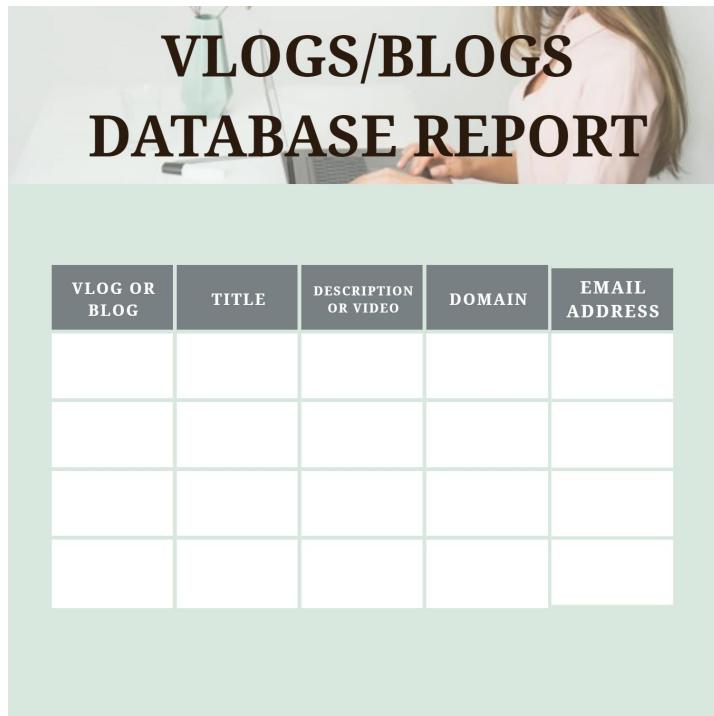
3.2.5. Vlogs/blogs Information Maintenance

Description:

The system will maintain the information regarding the uploadation of vlogs/blogs on the website. The following information will be maintained:

Vlog/blog to be uploaded, vlog/blog title, description, domain and username(email id) of the user

Database will have the following format:



VLOG OR BLOG	TITLE	DESCRIPTION OR VIDEO	DOMAIN	EMAIL ADDRESS

Validity Checks:

- I. Only the user with role Management Staff will be authorised to access the Vlogs/blogs Information Maintenance module.
- II. Title of the vlog/blog cannot be blank.
- III. Domain cannot be blank.
- IV. Blog uploaded must be in alpha- numeric format.
- V. Extension of vlog uploaded must be .mp4 only.
- VI. Username (email id) of the user can not be blank.

VII. Username (email id) must be registered beforehand on the website.

Sequencing Information:

Vlog/blog can be uploaded on the website only after the user has been logged in the website after successful registration.

Error Handling/Response to Abnormal Situations:

If any of the above validations/sequencing flow does not hold true, appropriate error messages will be prompted to the user for doing the needful.

3.2.6. Internship Information Maintenance

Description:

The system will maintain the information about the upcoming internships for which the registered volunteers will be applying. The following information will be maintained:

Profile, organization's name, start date, duration, stipend, last date, duration, part time/full time, description, number of applications received, etc.

Validity Checks:

- I. Only the user with the role of Management Staff will be authorised to access the Internship Information Maintenance module.
- II. Profile cannot be blank.
- III. Organization's name cannot be blank.
- IV. Start date and end date cannot be blank.
- V. Stipend should be clearly stated.
- VI. Duration cannot be blank.
- VII. Part time/full time has to be mentioned.
- VIII. Description of the opportunity is necessary for the understanding of the volunteers.

Sequencing Information:

Internship information for a particular organization will have to be entered in the system before any volunteer could apply for it, also the information for the organization putting up the internship should have been entered before entering the internship information.

Error Handling/Response to Abnormal Situations:

If any of the above validations/sequencing flow does not hold true, appropriate error messages will be prompted to the user for doing the needful.

INTERNSHIP INFORMATION MAINTENANCE

Profile_ID	Profile	Org_ID	Org_name	Start_date	End_date	Duration	Stipend	Part-Time	Description	Applicants_No	Required_Docs	Questions
I1	Content Writing	C1	BSNL	15/4/2021	15/6/2021	2 Months	1-2 k	Part	xyz	7	CV, sample	xyz
I2	Web Designing	N2	CRY	18/4/2021	15/6/2021	2 Months	2-4 k	Full	xyz	5	CV	xyz
I3	Marketing	M1	WeChain	16/4/2021	30/5/2021	45 days	1-2 k	Part	xyz	6	CV	xyz
I4	Content Writing	C3	Conclusion	15/4/2021	30/6/2021	75 days	2-3 k	Full	xyz	4	CV, sample	xyz

3.2.7. Volunteering Opportunities Information Maintenance

Description:

The system will maintain the information about the upcoming volunteering for which the registered volunteers will be applying.

The following information will be maintained:

Profile, organization's name, start date, duration, last date, duration, part time/full time, description, number of applications received, etc.

Validity Checks:

- I. Only the user with the role of Management Staff will be authorised to access the Volunteering Opportunities Information Maintenance module.
- II. Profile cannot be blank.

- III. Organization's name cannot be blank.
- IV. Start date and end date cannot be blank.
- V. Duration cannot be blank.
- VI. Part time/full time has to be mentioned.
- VII. Description of the opportunity is necessary for the understanding of the volunteers.

Sequencing Information:

Volunteering information for a particular NGO project will have to be entered in the system before any volunteer could apply for it, also the information for the organization putting up the volunteering opportunity should have been entered before entering the volunteering information.

Error Handling/Response to Abnormal Situations:

If any of the above validations/sequencing flow does not hold true, appropriate error messages will be prompted to the user for doing the needful.

VOLUNTEERING OPPORTUNITIES INFORMATION MAINTENANCE

Profile_ID	Profile	Org_ID	Org_name	Start_date	End_date	Duration	Part-Time	Description	Applicants_No	Required_Docs	Questions
V1	Health	N4	Katha	15/4/2021	15/6/2021	2 Months	Part	xyz	7	-	xyz
V2	Child Right	N2	CRY	18/4/2021	15/6/2021	2 Months	Part	xyz	5	CV	xyz
V3	Animal Welfare	N6	Goorj	16/4/2021	30/5/2021	45 days	Part	xyz	6	-	xyz
V4	Child Right	N1	Childline India	15/4/2021	30/6/2021	75 days	Full	xyz	4	CV	xyz

3.2.8. Donations Information Maintenance

Description:

The system will maintain the information about the upcoming donation drives for which the registered volunteers will be donating. The following information will be maintained:

Profile, organization's name, start date, duration, last date, duration, description, number of donations received, etc.

Validity Checks:

- I. Only the user with the role of Management Staff will be authorised to access the Donations Information Maintenance module.
- II. Profile cannot be blank.
- III. Organization's name cannot be blank.
- IV. Start date and end date cannot be blank.
- V. Duration cannot be blank.
- VI. Description of the opportunity is necessary for the understanding of the volunteers.

Sequencing Information:

Donation information for a particular NGO project will have to be entered in the system before any volunteer could apply for it, also the information for the organization putting up the donation should have been entered before entering the donation information.

Error Handling/Response to Abnormal Situations:

If any of the above validations/sequencing flow does not hold true appropriate error messages will be prompted to the user for doing the needful.

DONATIONS INFORMATION MAINTENANCE

Profile_ID	Profile	Org_ID	Org_name	Start_date	End_date	Duration	Description	No_Donations	Required_Docs	Questions
D1	Health	N4	Katha	15/4/2021	15/6/2021	2 Months	xyz	7	-	xyz
D2	Child Right	N2	CRY	18/4/2021	15/6/2021	2 Months	xyz	5	CV	xyz
D3	Animal Welfare	N6	Goonj	16/4/2021	30/5/2021	45 days	xyz	6	-	-
D4	Child Right	N1	Childline India	15/4/2021	30/6/2021	75 days	xyz	4	CV	xyz

3.2.9. Opportunities Applications Information Maintenance

Description:

The system will maintain the information about the applications received for various opportunities for which registered volunteers

will be applying. The following information will be maintained:

Volunteer's name and id, profile name and id applied for, category, organization's name and id (organization which is providing the opportunity), etc.

Validity Checks:

- I. Only the user with the role of Management Staff will be authorised to access the Opportunities Applications Information Maintenance module.
- II. All the fields are necessary to be filled for the record to be complete.
- III. The ID of all the volunteers should be unique.
- IV. The ID of an organization should be distinct.

Sequencing Information:

Opportunity information for a particular opportunity will have to be entered in the system and some registered volunteer must have applied for it, before any record can be added, also the information for the organization putting up the opportunity should have been entered.

Error Handling/Response to Abnormal Situations:

If any of the above validations/sequencing flow does not hold true appropriate error messages will be prompted to the user for doing the needful.

OPPORTUNITIES APPLICATIONS INFORMATION MAINTENANCE

Volunteer_ID	Volunteer_Name	Profile_ID	Profile_Name	Org_ID	Org_Name	Category
VT1	Nancy Tayal	I2	Web Designing	N2	CRY	Internship
VT2	Ishika Bhardwaj	D3	Animal Welfare	N6	Goonj	Donation
VT8	Aakati Chethan Reddy	I4	Content Writing	C3	Conclusion	Internship
VT4	Gandham Mahesh	V1	Health	N4	Katha	Volunteering

3.2.10. Feedback Information Maintenance

Description:

The system will maintain the information about the feedback provided by the registered user after the internship, volunteering and donation opportunity is completed by them. The following information will be maintained:

Name of the user, email id(username), role(Volunteer, NGO, Corporate), feedback for(organization name) and feedback/suggestions regarding questions.

Validity Checks:

- I. All the users with the role of Volunteer, NGO, Corporate will be authorised to access the Feedback Information Maintenance module.
- II. Name of the user.
- III. Username (email id) of the user can not be blank.
- IV. Username (email id) must be registered beforehand on the website.
- V. Role of the user cannot be blank.
- VI. Feedback for(organization name) cannot be blank.

Sequencing Information:

Feedback can only be given after the user has been logged in the website after successful registration.

Error Handling/Response to Abnormal Situations:

If any of the above validations/sequencing flow does not hold true appropriate error messages will be prompted to the user for doing the needful.

RATING INFORMATION MAINTENANCE			
User_Name	Email	Role	Feedback
Ramu	ram76@gamil	Volunteer	Pratham(I am learning lot of things and ideas in this project)
Ashok	ashok762@gamil	Corporater	Giveindia(I feel very proud to be a part of in this project)
Arjun	arjun567@gamil	NGO	Bharathi(I am always ready to help poor peoples)

3.2.11. Ratings Information Maintenance

Description:

The system will maintain the information about the ratings provided by the registered user after the internship, volunteering and donation opportunity is completed by them. The following information will be maintained:

Name of the user, email id (username), role(Volunteer, NGO, Corporate), ratings for(organization name) and ratings regarding questions.

Validity Checks:

- I. All the users with the role of Volunteer, NGO, Corporate will be authorised to access the Rating Information Maintenance module.
- II. Name of the user.
- III. Username (email id) of the user can not be blank.
- IV. Username (email id) must be registered beforehand on the website.
- V. Role of the user cannot be blank.
- VI. Ratings for(organization name) cannot be blank.

Sequencing Information:

Ratings can only be given after the user has been logged in the website after successful registration.

Error Handling/Response to Abnormal Situations:

If any of the above validations/sequencing flow does not hold true appropriate error messages will be prompted to the user for doing the needful.

RATING INFORMATION MAINTENANCE			
User_Name	Email	Role	Ratings
Ramu	ram76@gamil	Volunteer	5
Ashok	ashok762@gamil	Coroporater	6
Arjun	arjun567@gamil	NGO	7

3.3. PERFORMANCE REQUIREMENTS

- I. Initially 2000 users can access the website.
- II. System must be able to handle 500GB of information specified by different users(NGOs, Volunteers, Corporates, Management Staff).
- III. Supposing that a terminal can handle 500 users at a time, so the maximum requirement is 4 terminals and the minimum requirement is 1 terminal.

3.4. DESIGN CONSTRAINTS

- I. Proper wireframe must be designed inorder to code efficiently.
- II. Proper designing software.

3.5. SOFTWARE SYSTEM ATTRIBUTES

3.5.1. SECURITY

The website will be password protected. Users will have to enter the correct username, password and role in order to access their personal data.

3.5.2. MAINTAINABILITY

The website will be designed in a maintainable manner. It will be easy to incorporate new requirements and data in the individual modules (i.e. Login, Registration, Events(Donations, Internships, Volunteering Opportunities), Vlogs/Blogs, Badges).

3.5.3. PORTABILITY

The website will be easily portable on any network-based system.

3.6. LOGICAL DATABASE REQUIREMENTS

Every database(Volunteer, NGO, Corporate, Management Staff, Blogs/vlogs, feedback/ratings, events) are linked with each other by the foreign and primary key- Username(registered email-id).

3.7. OTHER REQUIREMENTS

None.

4. TESTING

Now we find out the complexity of the module to determine the possible independent paths and hence develop test cases.

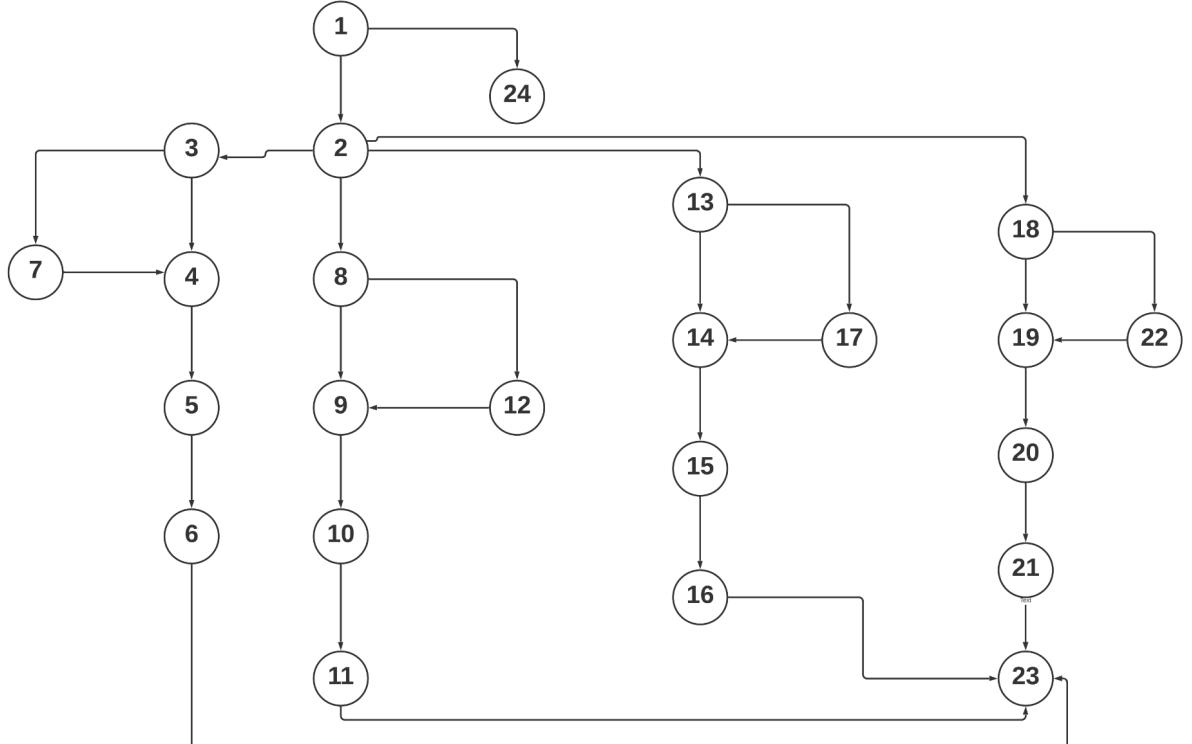
PSEUDOCODES:

4.1. *LOGIN SCREEN*

```
/*Login screen after software is opened*/
Enter_login_credentials()
    If ( user clicks signup button) // [1]
        Goto registration screen // [24]
    Else{
        Enter username //let it be username [2]
        Enter password //let it be password [2]
        Select the role from a dropdown list //let it be role [2]
        if(role==volunteer) { // [3]
            Search in the volunteer database
            If(username is valid && password is valid) // [4]
                and [5]
                    Login successful // [6]
            Else
                Print "Invalid username or password. Kindly
                re-enter username and password." // [7]
        }
        else if(role==NGO){ // [8]
            search in the NGO database
            If(username is valid && password is valid) // [9]
                and [10]
                    Login successful // [11]
            Else
                Print "Invalid username or password. Kindly
                re-enter username and password." // [12]
        }
    }
```

```
else if(role==corporate){ //[13]
    search in the corporate database
    If(username is valid && password is valid) //[14]
    and [15]
        Login successful //[16]
    Else
        Print "Invalid username or password. Kindly
        re-enter username and password."//[17]
}
else if(role== Management Staff){ //[18]
    search in the Management Staff database
    If(username is valid && password is valid) //[19]
    and [20]
        Login successful //[21]
    Else
        Print "invalid user or pass. Kindly re-enter."
        //[22]
}
Return //[23]
```

- It's cyclic complexity is:



$$\begin{aligned}
 V(G) &= e - n + 2(p) \\
 &= 30 - 24 + 2(1) \\
 &= 8
 \end{aligned}$$

$$\begin{aligned}
 V(G) &= \text{Predicate nodes} + 1 \\
 &= 7 + 1 \\
 &= 8
 \end{aligned}$$

$$\begin{aligned}
 V(G) &= \text{Number of regions} \\
 &= 8
 \end{aligned}$$

INDEPENDENT PATHS

- 1-2-3-4-5-6-23
- 1-2-3-7-4...
- 1-2-8-9-10-11-23
- 1-2-8-12-9...
- 1-2-13-14-15-16-23
- 1-2-13-17-14...
- 1-2-18-19-20-21-23
- 1-2-18-22-19...
- 1-24

4.2. REGISTRATION SCREEN

```
/*REGISTRATION SCREEN after SIGN-UP option chosen on login screen*/
enter_registration_details(){
    /*screen displays the following options*/
    <user enters the email address> //let it be email [1]
    <user enters the contact number> //let it be cno [1]
    <user selects the role from possible responses> //let it be role [1]
        "1. Volunteer"(default)
        "2. NGO"
        "3. Corporate"
        "4. Management staff"
    <user enters the password> //let it be pass [1]
    <user re-enters password for confirmation> //let it be con_pass
    int flag=1 // flag for checking if all the validation is done or not , [2]
    <b><user presses “submit” button> // [3]</b>
    while (submit button is pressed and flag not equal to 0 ){ // [4]
        flag=0; // [5]
        if(email or cno or role or pass field is empty){ // [6]
            print "Some details are left empty. Fill all details." // [7]
            <user fills remaining details> // [7]
            flag++; // [7]
        }
    }
}
```

```

} //[7]
if(email not like %@%.% i.e. email does not contain both '@' and
'.'){ //[8]
    print "Invalid Email address. enter the correct email address
    and press submit again !" //[9]
    <user enters valid email>//[9]

    flag++; //[9]
} //[9]
if(length of cno is not equal to 10){ //[10]
    print "Contact number should be of 10 digits. enter contact
    number again and press submit again !" //[11]
    <user enters cno> //[11]
    flag++; //[11]
} //[11]
if(role radiobutton is not selected){ //[12]
    print "Role can't be empty. select a valid Role and press
    submit again !" //[13]
    <user selects the role from possible responses> //let it be
role [13]
    "1. Volunteer"(default)
    "2. NGO"
    "3. Corporate"
    "4. Management staff"
    flag++; //[13]
} // [13]
if(length of pass is not equal to 8 or pass does not contain any
special character or pass does not contain lowercase or pass does
not contain uppercase) { //[14]
    print "Invalid password. Password must be of minimum 8
    characters and must contain an uppercase, a lowercase, a
    numeric , and a special character. Enter a new password and
    press submit again !"//[15]
    <user enters valid password>//[15]
    flag++; //[15]
}

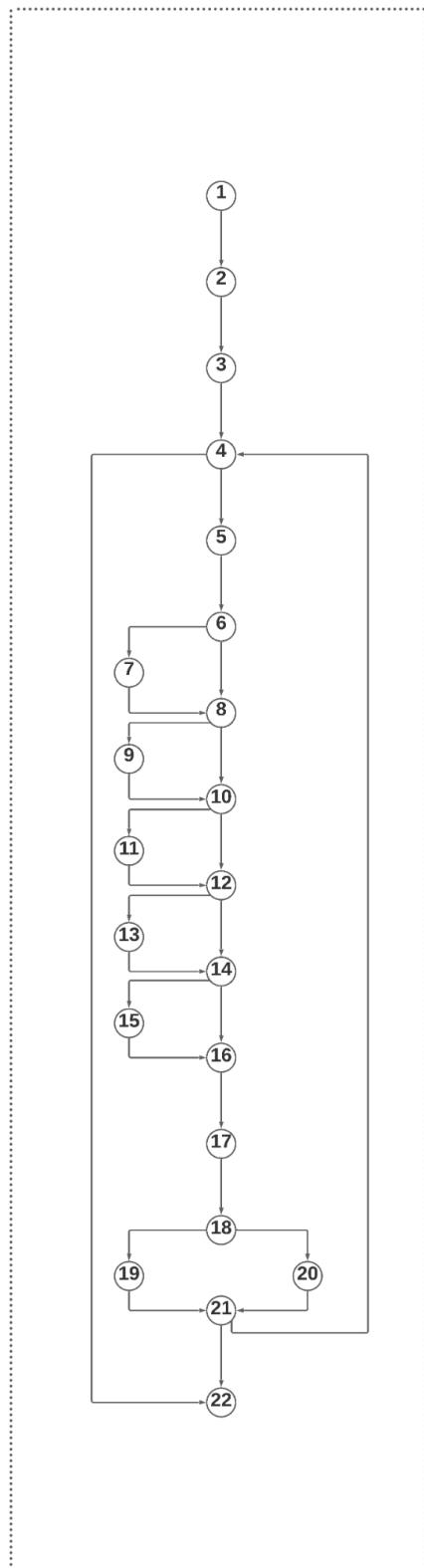
```

```

} //[15]
}//[16]
/*User verification using OTP*/
Label : //[17]
<OTP sent to both given user email address and contact number>//let it be
otp_sent , [17]
<User enters OTP>//let it be otp_entered , [17]
if(otp_entered == otp_sent){ //[18]
    /*unique user ID generated for user for further use; let it be
    user_id*/
    // user_id is concatenation of email address and contact number
    //[19]
    /*registration is processed now and details sent to Management
    Staff for new entry in USER(Volunteer, NGO, Corporate and
    Management Staff) database*/
    <new data is automatically added with following details:
    User_id, email, cno, role, pass>/[19]
    <database USER(Volunteer, NGO, Corporate and Management
    Staff) is updated with the entered data >/[19]
}//[19]
else{ //[20]
    print "Invalid OTP, Click on the button Resend OTP and Enter
    again." /[20]
    goto label ;/[20]
} /[20]
} //[21]
print "You have been registered successfully!" /[22]
Return; /[22]
} //[22]

```

- It's cyclic complexity is:



$$\begin{aligned}
 V(G) - e - n + 2(p) \\
 = 29 - 22 + 2(1) \\
 = 9
 \end{aligned}$$

$$\begin{aligned}
 V(G) &= \text{Predicate nodes} + 1 \\
 &= 8 + 1 \\
 &= 9
 \end{aligned}$$

$$\begin{aligned}
 V(G) &= \text{Number of regions} \\
 &= 9
 \end{aligned}$$

INDEPENDENT PATHS

- 1-2-3-4-5-6...
- 1-2-3-4-5-6-7-8...
- 1-2-3-4-5-6-7-8-9-10...
- 1-2-3-4-5-6-7-8-9-10-11-12...
- 1-2-3-4-5-6-7-8-9-10-11-12-13-14...
- 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16...
- 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22
- 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-4...
- 1-2-3-4-22

4.3. BADGES

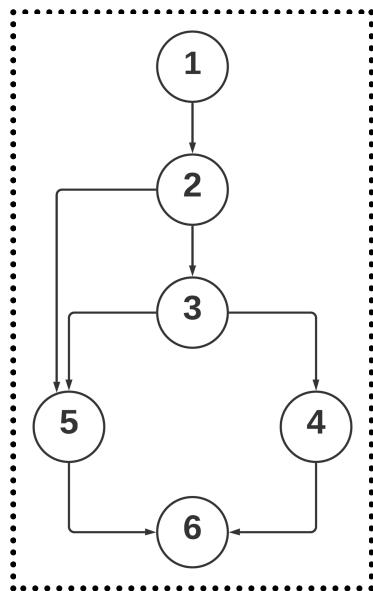
1. Badges allotment parameters Screen :-

```

Badges() {
    Enter Volunteers id ; //let it be pid [1]
    If(pid is valid && pid is found){ // [2] and [3]
        Goto Badges allotting screen // [4]
    }
    Else
        Print "invalid Volunteer id. Kindly re-enter." // [5]
    Return // [6]
}

```

- It's cyclic complexity is :



$$\begin{aligned}
 V(G) &= e - n + 2(p) \\
 &= 7 - 6 + 2(1) \\
 &= 3
 \end{aligned}$$

$$\begin{aligned}
 V(G) &= \text{Predicate nodes} + 1 \\
 &= 2 + 1 \\
 &= 3
 \end{aligned}$$

$$\begin{aligned}
 V(G) &= \text{Number of regions} \\
 &= 3
 \end{aligned}$$

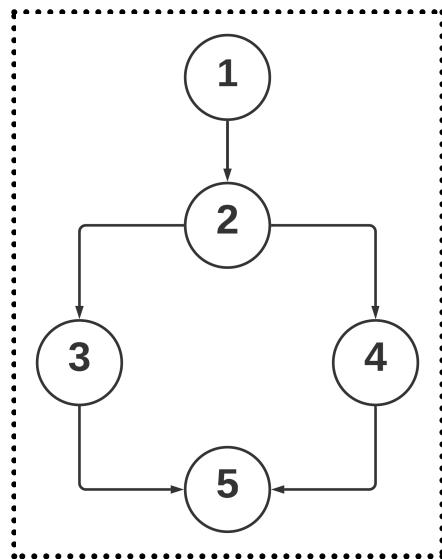
INDEPENDENT PATHS

- 1-2-5-6
- 1-2-3-5-6
- 1-2-3-4-6

2. Badges allotment Screen :-

```
Bagdes_entry(){  
    Enter no of badges for volunteering // [1]  
    Enter no of badges internship // [1]  
    Enter no of badges donations // [1]  
    Enter Overall performance // [1]  
    If(valid data entered) // [2]  
        Status of Performance updated in D3 // [3]  
    Else  
        Print "please enter valid data and try again." // [4]  
    Return // [5]  
}
```

- It's cyclic complexity is :



$$\begin{aligned}V(G) &= e - n + 2(p) \\&= 5 - 5 + 2(1) \\&= 2\end{aligned}$$

$$\begin{aligned}V(G) &= \text{Predicate nodes} + 1 \\&= 1 + 1 \\&= 2\end{aligned}$$

$$\begin{aligned} V(G) &= \text{Number of regions} \\ &= 2 \end{aligned}$$

INDEPENDENT PATHS

- 1-2-3-5
- 1-2-4-5

3. Badges Screen :-

```

View Badges_Screen(){
    Enter Volunteer id and month // [1]
    if(exists(Volunteer id) && valid(Volunteer id)){ // [2]and[3]
        print "valid Volunteer id" // [4]
    }
    else{
        Show pop-up to re-enter valid details // [5]
        Goto Login_screen // [6]
    }
}

Login_Screen(){
    Enter Volunteer Id // [7]
    if(!Valid(Volunteer ID)){ // [8]
        Show Pop-up to re-enter Valid Volunteer Id // [9]
    }
    else{
        if(View Badges){ // [10]
            Select month // [11]
            Badges screen generated for the selected month
            from D
            Badges screen shown // [11]
        }
        Else if(Track Progress){ // [12]
            A Comparative Data is shown from monthly data in
        }
    }
}

```

Progress Shown // [13]

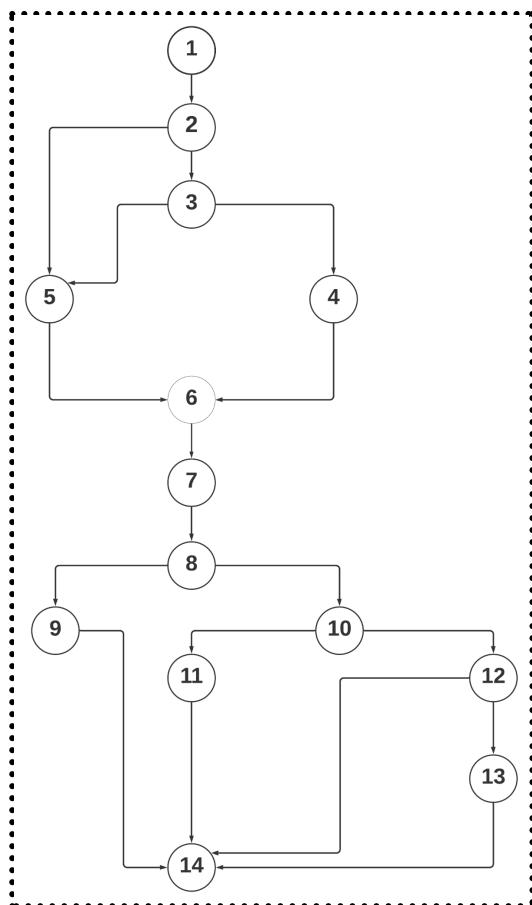
}

}

Return // [14]

}

- It's cyclic complexity is :



$$\begin{aligned}
 V(G) &= e - n + 2(p) \\
 &= 18 - 14 + 2(1) \\
 &= 6
 \end{aligned}$$

$$\begin{aligned}
 V(G) &= \text{Predicate nodes} + 1 \\
 &= 5 + 1 \\
 &= 6
 \end{aligned}$$

$V(G)$ =Number of regions
=6

INDEPENDENT PATHS

- 1-2-5-6-7-8...
- 1-2-3-5-6-7-8...
- 1-2-3-4-6-7-8...
- 1-2-3-4-6-7-8-10...
- 1-2-3-4-6-7-8-10-11-14
- 1-2-3-4-6-7-8-10-12...

4.4. DASHBOARD

4.4.1. EDIT PROFILE: UPDATE YOUR PROFILE SCREEN

/*EDIT PROFILE SCREEN after EDIT PROFILE option chosen on DASHBOARD homepage*/

```
Edit_profile() { //[1]
    /* initial screen displays the following tabs to choose*/
    <user selects the tab from given tabs> //let it be tab [1]
    "Update your profile"
    "Change your password"
    "Upload your Resume"
    if(user selects tab equals to "Update your profile" ) // [2]
    { // user will be directed to update your profile screen
        Update_your_profile() // [3]
    } // [3]
    else if(user selects tab equals to "Change your password" )

    { // user will be directed to change your password screen
    [4]
        Change_your_password() // [4]
```

```

} //[4]
else if(user selects tab equals to “Update your resume” )
{ // user will be directed to update your resume screen [5]
    Update_your_resume() //[5]
} //[5]
RETURN; //[35]
} //[36]
Update_your_profile() { //[6]
/*screen displays the edit text fields to save the profile of
the user*/
/*screen displays the following options*/
<user enters the name> //let it be name [7]
<user enters the email address> //let it be email [7]
<user enters the mobile number> //let it be mno [7]
<user enter the date of birth> //let it be dob [7]
<user selects the gender from possible responses> //let it be
gender [7]
"1. Male"
"2. Female"
"3. Other"
<user enters the address> //let it be address [7]
<user selects his/her cause from possible responses> //let it
be cause [7]
“1. Animals”
“2. Community Development”
“3. Education”
“4. Elderly”
“5. Environment”
“6. Health”
“7. Homelessness & Poverty”
“8. LGBTQ”
“9. People with disabilities”

“10. Others”
<user selects his/her employment status from possible

```

responses> //let it be **employ_status** [7]

“1. Student”

“2. Homemaker”

“3. Private Sector Employee”

“4. Public Sector Employee”

“5. Civil Society Staff/Self-employed”

“6. Retired/Unemployed”

<user selects his/her highest level of education from possible responses> //let it be **education** [7]

“1. Primary School”

“2. Secondary School”

“3. Bachelor degree or equivalent”

“4. Postgraduate degree or equivalent”

“5. Vocational Diploma”

<user selects his/her blood group from possible responses>

//let it be **blood_group** [7]

“1. O- positive”

“2. O- negative”

“3. A- positive”

“4. A- negative”

“5. B- positive”

“6. B- negative”

“7. AB- positive”

“8. AB- negative”

<user selects if he/she is a person with disability from possible responses> //let it be **disability** [7]

“1. Yes”

“2. No”

<user selects how many hours can he/she can donate per week from possible responses> //let it be **hours** [7]

“1. 1-5”

“2. 6-10”

“3. 11-20”

“4. 20+”

<user selects his/her skills from possible responses> //let it

be **skills [7]**

“1. Administration”

“2. Art and Design”

“3. Community organising”

“4. Event organization”

“5. Healthcare services”

“6. Leadership and strategy”

“7. Manual labour and skilled trade”

“8. Outreach and advocacy”

“9. Project development and management”

“10. Research”

“11. Teaching and training”

“12. Technology development”

“13. Translation”

“14. Volunteer Management”

“15. Healthcare services”

<user enters the facebook url from possible responses> //let it be **facebook [7]**

<user enters the twitter url from possible responses> //let it be **twitter [7]**

<user enters the linkedIn url from possible responses> //let it be **linkedIn [7]**

<user enters the instagram url from possible responses>

//let it be **instagram [7]**

<user uploads the profile picture in the jpeg format only

with size- width:400 and height:400> // let it be **picture [7]**

int flag=1 // flag for checking if all the validation is done

or not , **[8]**

<**user presses “UPDATE MY PROFILE” button> //[9]**

while (update button is pressed and flag not equal to 0){

//[10]

flag=0; **//[11]**

if(name or email or mno or dob or gender or address or employ_status or education or

```
blood_group or disability or hours field is  
empty){ // [12]
```

```
    print "Some details are left empty. Fill all  
    details." // [13]
```

```
<user fills remaining details> // [13]
```

```
    flag++; // [13]
```

```
} // [13]
```

```
if(email not like %@%.% i.e. email does not  
contain both '@' and '.') { // [14]
```

```
    print "Invalid Email address. enter the  
    correct email address and press submit again  
!" // [15]
```

```
<user enters valid email> // [15]
```

```
    flag++; // [15]
```

```
} // [15]
```

```
if(length of mno is not equal to 10) { // [16]
```

```
    print "Mobile number should be of 10 digits.  
    enter mobile number again and press submit  
    again !" // [17]
```

```
<user enters mno> // [17]
```

```
    flag++; // [17]
```

```
} // [17]
```

```
if(dob not of the form "YYYY-MM-DD" or dob  
exceeds the current-date) { // [18]
```

```
    print "invalid date . enter the date again in  
    the format of "YYYY-MM-DD" and press  
    submit again !" // [19]
```

```
<user enters valid date of birth> // [19]
```

```
    flag++; // [19]
```

```
} // [19]
```

```
if(gender radio button is not selected) { // [20]
```

```
    print "Gender can't be empty. select a valid  
    gender and press submit again !" // [21]
```

<user selects the role from possible responses> //let it be **role** [21]

"1. Male"

"2. Female"

"3. Other"

flag++; // [21]

} // [21]

if(**employ_status** radio button is not selected){
// [22]

print "Employment status can't be empty.
select a valid employment status and press
submit again !" // [23]

<user selects his/her employment status from
possible responses> //let it be
employ_status [23]

"1. Student"

"2. Homemaker"

"3. Private Sector Employee"

"4. Public Sector Employee"

"5. Civil Society Staff/Self-employed"

"6. Retired/Unemployed"

flag++; // [23]

} // [23]

if(**education** radio button is not selected){ // [24]

print "Highest level of education can't be
empty. select a valid option and press submit
again !" // [25]

<user selects his/her highest level of
education from possible responses> //let it
be **education** [25]

"1. Primary School"

"2. Secondary School"

"3. Bachelor degree or equivalent"

"4. Postgraduate degree or equivalent"

"5. Vocational Diploma"

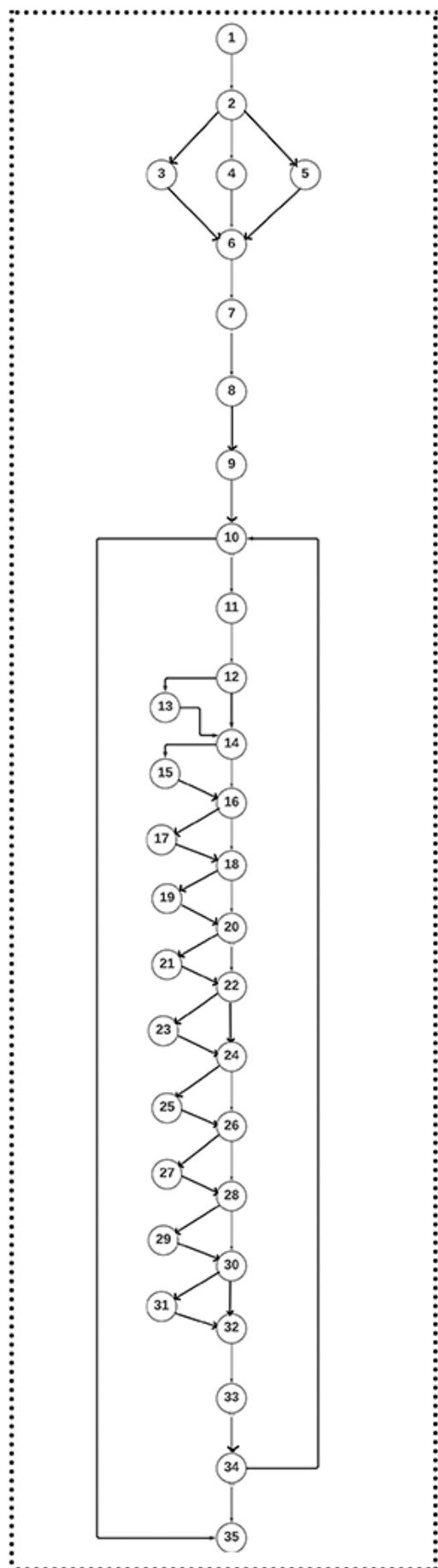
```

        flag++; //[25]
    } // [25]
    if(blood_group radio button is not selected){ // [26]
        print "Blood group can't be empty. select a
        valid option and press submit again !" // [27]
        <user selects his/her blood group from
        possible responses> //let it be blood_group
        [27]
        "1. O- positive"
        "2. O- negative"
        "3. A- positive"
        "4. A- negative"
        "5. B- positive"
        "6. B- negative"
        "7. AB- positive"
        "8. AB- negative"
        flag++; // [27]
    } // [27]
    if(disability radio button is not selected){ // [28]
        print "Disability can't be empty. select a
        valid option and press submit again !" // [29]
        <user selects if he/she is a person with
        disability from possible responses> //let it be
        disability [29]
        "1. Yes"
        "2. No"
        flag++; // [29]
    } // [29]
    if(hours radio button is not selected){ // [30]
        print "Hours can't be empty. select a valid
        option and press submit again !" // [31]
        <user selects how many hours can he/she
        can donate per week from possible
        responses> //let it be hours [31]
        "1. 1-5"
    }
}

```

```
        “2. 6-10”
        “3. 11-20”
        “4. 20+”
        flag++; //[31]
    } // [31]
} // [32]
<new data is automatically added with following details :
name, email, mno, dob, gender, address, cause,
employ_status, education, blood_group, disability, hours,
skills, facebook, twitter, linkedIn, instagram, picture> // [33]
<database VOLUNTEER is updated with the entered data>
// [33]
print “Your profile has been updated successfully!” [34]
Return; // [34]
}// [34]
```

- It's cyclic complexity is:



$$\begin{aligned}
 V(G) &= e - n + 2(p) \\
 &= 48 - 35 + 2(1) \\
 &= 15
 \end{aligned}$$

$$\begin{aligned}
 V(G) &= \text{Predicate nodes} + 1 \\
 &= 14 + 1 \\
 &= 15
 \end{aligned}$$

$$\begin{aligned}
 V(G) &= \text{Number of regions} \\
 &= 15
 \end{aligned}$$

INDEPENDENT PATHS

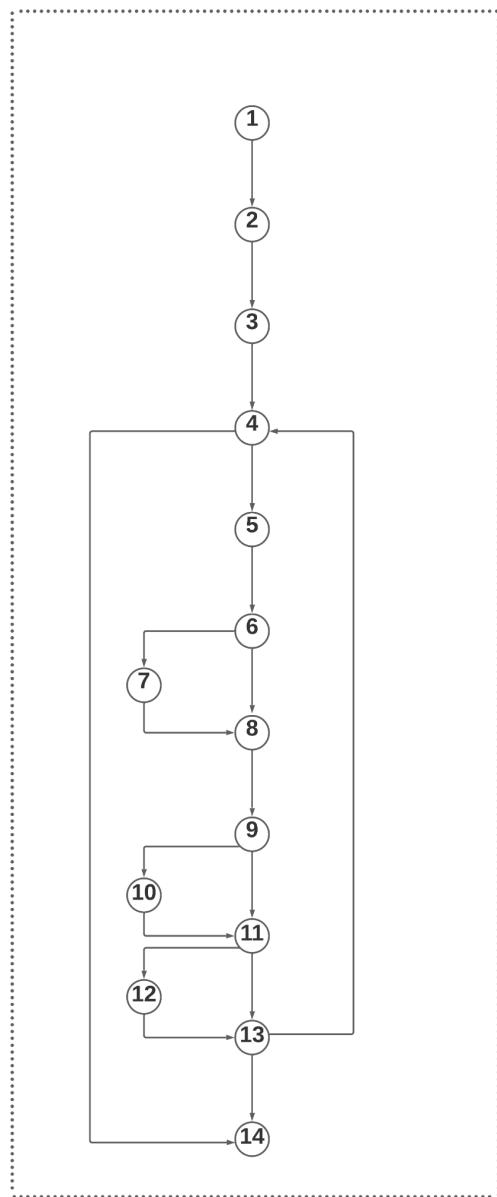
- 1-2...
- 1-2-3...
- 1-2-4...
- 1-2-5...
- 1-2-3-6...
- 1-2-3-6-7-8-9-10-11-12...
- 1-2-3-6-7-8-9-10-11-12-13-14...
- 1-2-3-6-7-8-9-10-11-12-13-14-15-16...
- 1-2-3-6-7-8-9-10-11-12-13-14-15-16-17-18...
- 1-2-3-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20...
- 1-2-3-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22...
- 1-2-3-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-2
3-
24...
- 1-2-3-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-2
3-
24-25-26...
- 1-2-3-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-2
3-
24-25-26-27-28...
- 1-2-3-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-
23-24-25-26-27-28-29-30-31-32-33-34-35...

4.4.2. EDIT PROFILE: CHANGE YOUR PASSWORD SCREEN

```
/*EDIT PROFILE SCREEN after EDIT PROFILE option chosen  
on DASHBOARD homepage*/  
Change_your_password(){  
    /*screen displays the edit text fields to change the user  
    password*/  
    /*screen displays the following options*/  
    <user enters current password> // let it be current_pass [1]  
    <user enters new password> // let it be new_pass [1]  
    <user re-enters the new password for confirmation> // let it  
    be new_pass_copy  
    int flag=1 // flag for checking if all the validation is done or  
    not , [2]  
    <user presses “Update” button>/|[3]  
    while (update button is pressed and flag not equal to 0 ){  
        //|[4]  
        flag=0; //|[5]  
        If(current_pass or new_pass is empty){ //|[6]  
            print "Some details are left empty. Fill all  
            details" //|[7]  
            <user fills remaining details>/|[7]  
            flag++; //|[7]  
        } //|[7]  
        /*Customer verification with current password */  
        Label : //|[8]  
        <current password is imported from USER  
        database> //let it be pass , [8]  
        If(current_pass is not equal to pass){ //|[9]  
            print “Incorrect current password. Try and  
            submit again.” //|[10]  
            Goto label; //|[10]  
            flag++; //|[10]  
        } // [10]
```

```
if(length of new_pass is not equal to 8 or new_pass  
does not contain any special character or new_pass  
does not contain lowercase or new_pass does not  
contain uppercase) { //*[11]  
    print "Invalid password. Password must be  
    of minimum 8 characters and must contain  
    an uppercase, a lowercase, a numeric , and a  
    special character. Enter a new password and  
    press submit again !";//*[12]  
    <user enters valid password>//*[12]  
    flag++; //*[12]  
}  
} //*[13]  
Print "Your password has been updated successfully." //*[14]  
The USER database is updated with the new password.  
//*[14]  
Return; //*[14]  
} //*[14]
```

- It's cyclic complexity is:



$$\begin{aligned}
 V(G) &= e - n + 2(p) \\
 &= 18 - 14 + 2(1) \\
 &= 6
 \end{aligned}$$

$$\begin{aligned}
 V(G) &= \text{Predicate nodes} + 1 \\
 &= 5 + 1 \\
 &= 6
 \end{aligned}$$

$$\begin{aligned}
 V(G) &= \text{Number of regions} \\
 &= 6
 \end{aligned}$$

INDEPENDENT PATHS

- 1-2-3-4-5-6...
- 1-2-3-4-5-6-7-8...
- 1-2-3-4-5-6-7-8-9...
- 1-2-3-4-5-6-7-8-9-10-11-12-13...
- 1-2-3-4-5-6-7-8-9-10-11-12-13-14
- 1-2-3-4-14

4.4.3. EDIT PROFILE: UPDATE YOUR RESUME SCREEN

/*EDIT PROFILE SCREEN after EDIT PROFILE option chosen on DASHBOARD homepage*/

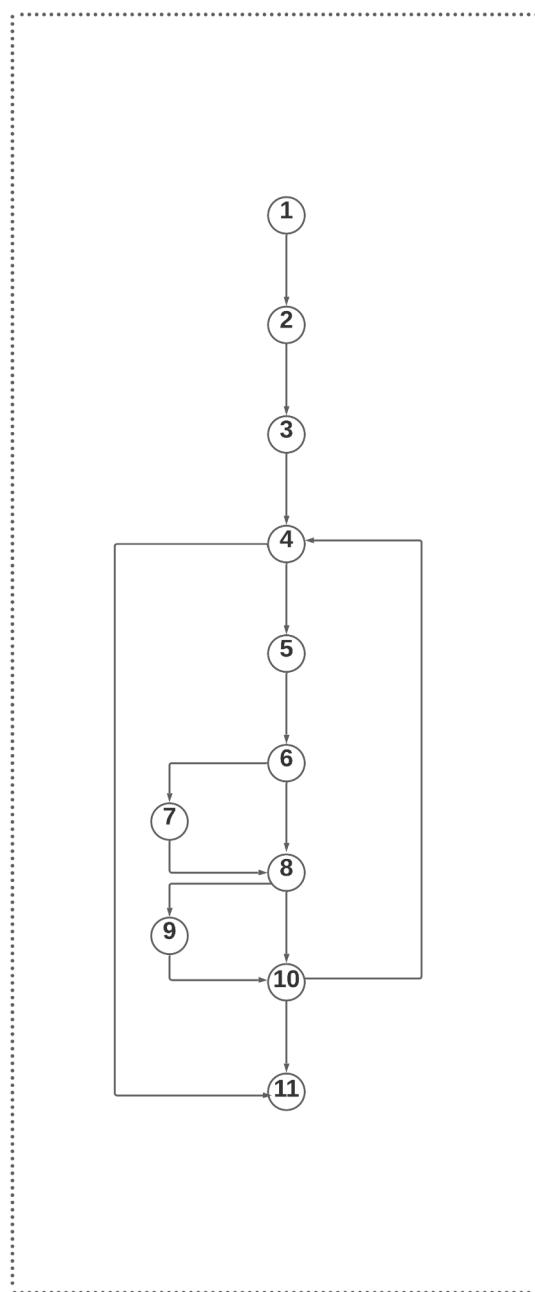
```
Update_your_resume(){  
    /*screen displays the button to upload the user resume*/  
    /*screen displays the following option*/  
    <user uploads resume in the pdf format only> // let it be  
    resume [1]  
    int flag=1 // flag for checking if all the validation is done or  
    not , [2]  
    <user presses “Upload” button>//[3]  
    while (upload button is pressed and flag not equal to 0 ){  
        //[4]  
        flag=0; //[5]  
        if(resume field is empty){ //[6]  
            print “Kindly upload your resume and  
            submit again!!”//[7]  
            <user upload the resume> //[7]  
            flag++;//[7]  
        }//[7]  
        if(resume after dot(.) format is not pdf){ //[8]  
            print “Only pdf format is allowed. Kindly  
            change the format and upload again!!” //[9]  
            <user upload the resume with correct
```

```

format> //[9]
flag++;//[9]
}//[9]
}//[10]
Print "Your resume has been uploaded successfully." //[11]
The USER database is updated with the user resume. //[11]
Return; //[11]
}//[11]

```

- *It's cyclic complexity is:*



$$\begin{aligned}
 V(G) &= e-n+2(p) \\
 &= 14-11+2(1) \\
 &= 5
 \end{aligned}$$

$$\begin{aligned}
 V(G) &= \text{Predicate nodes} + 1 \\
 &= 4 + 1 \\
 &= 5
 \end{aligned}$$

$$\begin{aligned}
 V(G) &= \text{Number of regions} \\
 &= 5
 \end{aligned}$$

INDEPENDENT PATHS

- 1-2-3-4-5-6...
- 1-2-3-4-5-6-7-8...
- 1-2-3-4-5-6-7-8-9...
- 1-2-3-4-5-6-7-8-9-10-11
- 1-2-3-4-11

4.5. TEST CASES

4.5.1. LOGIN SCREEN TEST CASES

Section - I {Before Execution}	Section - II {After Execution}
Purpose: Test the Login Functionality on WeChain [1]	Execution History:-
Pre-Conditions:- User should be signed up	Result: As Expected
Input: Email address= ishikabhardwaj7601@gmail.com	If Fails, Any Possible Reasons(Optional):
Expected Outputs: Correct email address	Any Other Observations:-
Post Conditions: None	Any Suggestions:- User should be signed up before logging in
Written By: Ishika Bhardwaj	Run By: Akkati Chethan
Date: 20th March 2021	Date: 21st March 2021

Section - I {Before Execution}	Section - II {After Execution}
Purpose: Test the Login Functionality on WeChain [1]	Execution History:-
Pre-Conditions:- User should be signed up	Result: As Expected
Input: Password= 12345	If Fails, Any Possible Reasons(Optional):
Expected Outputs: Correct password	Any Other Observations:-
Post Conditions: None	Any Suggestions:- User should be signed up before logging in
Written By: Ishika Bhardwaj	Run By: Nancy Tayal
Date: 20th March 2021	Date: 21st March 2021

Section - I {Before Execution}	Section - II {After Execution}
Purpose: Test the Login Functionality on WeChain [1]	Execution History:-
Pre-Conditions:- User should be signed up	Result: As Expected
Input: Role= Volunteer	If Fails, Any Possible Reasons(Optional):
Expected Outputs: Correct Role	Any Other Observations:-
Post Conditions: None	Any Suggestions:- User should be signed up before logging in
Written By: Ishika Bhardwaj	Run By: Gandham Mahesh
Date: 20th March 2021	Date: 21st March 2021

Section - I {Before Execution}	Section - II {After Execution}
Purpose: Test the Login Functionality on WeChain [1]	Execution History:-
Pre-Conditions:- User should be signed up	Result: As Expected
Input: Role=NGO	If Fails, Any Possible Reasons(Optional):
Expected Outputs: Correct Role	Any Other Observations:-
Post Conditions: None	Any Suggestions:- User should be signed up before logging in
Written By: Ishika Bhardwaj	Run By: Akkati Chethan
Date: 20th March 2021	Date: 21st March 2021

Section - I {Before Execution}	Section - II {After Execution}
Purpose: Test the Login Functionality on WeChain [1]	Execution History:-
Pre-Conditions:- User should be signed up	Result: As Expected
Input: Role= Corporate	If Fails, Any Possible Reasons(Optional):
Expected Outputs: Correct Role	Any Other Observations:-
Post Conditions: None	Any Suggestions:- User should be signed up before logging in
Written By: Ishika Bhardwaj	Run By: Nancy Tayal
Date: 20th March 2021	Date: 21st March 2021

Section - I {Before Execution}	Section - II {After Execution}
Purpose: Test the Login Functionality on WeChain [1]	Execution History:-
Pre-Conditions:- User should be signed up	Result: As Expected
Input: Role= Management Staff	If Fails, Any Possible Reasons(Optional):
Expected Outputs: Correct Role	Any Other Observations:-
Post Conditions: None	Any Suggestions:- User should be signed up before logging in
Written By: Ishika Bhardwaj	Run By: Gandham Mahesh
Date: 20th March 2021	Date: 21st March 2021

4.5.2. REGISTRATION SCREEN TEST CASES

Section - I {Before Execution}	Section - II {After Execution}
Purpose: Test the Registration Functionality on WeChain [1]	Execution History:-
Pre-Conditions:-	Result: As Expected
Input: User details, OTP	If Fails, Any Possible Reasons: Invalid email address and contact number
Expected Outputs: Successfully Registered	Any Other Observations:-
Post Conditions: User gets registered on WeChain	Any Suggestions:-
Written By: Nancy Tayal	Run By: Akkati Chethan
Date: 21st March 2021	Date: 22nd March 2021

Section - I {Before Execution}	Section - II {After Execution}
Purpose: Test the Registration Functionality on WeChain [2]	Execution History:-
Pre-Conditions:-	Result: Pop-up is shown to re-enter Valid User's details
Input: User details, OTP	If Fails, Any Possible Reasons(Optional):
Expected Outputs: Successfully Registered	Any Other Observations:-
Post Conditions: User gets registered on WeChain	Any Suggestions:-
Written By: Nancy Tayal	Run By: Ishika Bhardwaj
Date: 21st March 2021	Date: 22nd March 2021

Section - I {Before Execution}	Section - II {After Execution}
Purpose: Test the Registration Functionality on WeChain [3]	Execution History:-
Pre-Conditions:-	Result: Process terminated after OTP generation
Input: User details, OTP	If Fails, Any Possible Reasons: Invalid email address
Expected Outputs: Successfully Registered	Any Other Observations:-
Post Conditions: User gets registered on WeChain	Any Suggestions:-
Written By: Nancy Tayal	Run By: Gandham Mahesh
Date: 21st March 2021	Date: 22nd March 2021

Section - I {Before Execution}	Section - II {After Execution}
Purpose: Test the Registration Functionality on WeChain [4]	Execution History:-
Pre-Conditions:-	Result: As Expected
Input: User details, OTP	If Fails, Any Possible Reasons: Wrong OTP
Expected Outputs: Successfully Registered	Any Other Observations:-
Post Conditions: User gets registered on WeChain	Any Suggestions:-
Written By: Nancy Tayal	Run By: Akkati Chethan
Date: 21st March 2021	Date: 23rd March 2021

Section - I {Before Execution}	Section - II {After Execution}
Purpose: Test the Registration Functionality on WeChain [5]	Execution History:-
Pre-Conditions:-	Result: Invalid Contact Number
Input: User details, OTP	If Fails, Any Possible Reasons: Invalid Email address
Expected Outputs: Successfully Registered	Any Other Observations:-
Post Conditions: User gets registered on WeChain	Any Suggestions:-
Written By: Nancy Tayal	Run By: Ishika Bhardwaj
Date: 21st March 2021	Date: 23rd March 2021

Section - I {Before Execution}	Section - II {After Execution}
Purpose: Test the Registration Functionality on WeChain [6]	Execution History:-
Pre-Conditions:-	Result: Already registered email address
Input: User details, OTP	If Fails, Any Possible Reasons: Invalid Password, Inalid contact Number
Expected Outputs: Successfully Registered	Any Other Observations:-
Post Conditions: User gets registered on WeChain	Any Suggestions:-
Written By: Nancy Tayal	Run By: Gandham Mahesh
Date: 21st March 2021	Date: 23rd March 2021

4.5.3. UPDATE YOUR PROFILE TEST CASES

Section - I {Before Execution}	Section - II {After Execution}
Purpose: Test the Update your profile Functionality on WeChain [1]	Execution History:-
Pre-Conditions:- User should be logged in	Result: Pop-up is shown to re-enter valid user details
Input: User details	If Fails, Any Possible Reasons(Optional):
Expected Outputs: Successfully Updated	Any Other Observations:-
Post Conditions: User gets updated with new information	Any Suggestions:-
Written By: Akkati Chethan	Run By: Ishika Bhardwaj
Date: 22nd March 2021	Date: 23rd March 2021

Section - I {Before Execution}	Section - II {After Execution}
Purpose: Test the Update your profile Functionality on WeChain [2]	Execution History:-
Pre-Conditions:- User should be logged in	Result: Unregistered email address
Input: User details	If Fails, Any Possible Reasons(Optional): Invalid email address
Expected Outputs: Successfully Updated	Any Other Observations:-
Post Conditions: User gets updated with new information	Any Suggestions:-
Written By: Akkati Chethan	Run By: Nancy Tayal
Date: 22nd March 2021	Date: 23rd March 2021

Section - I {Before Execution}	Section - II {After Execution}
Purpose: Test the Update your profile Functionality on WeChain [3]	Execution History:-
Pre-Conditions:- User should be logged in	Result: Digits are not 10 in entered mobile number
Input: User details	If Fails, Any Possible Reasons(Optional): Invalid mobile number
Expected Outputs: Successfully Updated	Any Other Observations:-
Post Conditions: User gets updated with new information	Any Suggestions:-
Written By: Akkati Chethan	Run By: Gandham Mahesh
Date: 22nd March 2021	Date: 23rd March 2021

Section - I {Before Execution}	Section - II {After Execution}
Purpose: Test the Update your profile Functionality on WeChain [4]	Execution History:-
Pre-Conditions:- User should be logged in	Result: Date format is incorrect
Input: User details	If Fails, Any Possible Reasons(Optional): Invalid date of birth
Expected Outputs: Successfully Updated	Any Other Observations:-
Post Conditions: User gets updated with new information	Any Suggestions:-
Written By: Akkati Chethan	Run By: Ishika Bhardwaj
Date: 22nd March 2021	Date: 23rd March 2021

Section - I {Before Execution}	Section - II {After Execution}
Purpose: Test the Update your profile Functionality on WeChain [5]	Execution History:-
Pre-Conditions:- User should be logged in	Result: Pop-up is shown to select valid gender
Input: User details	If Fails, Any Possible Reasons(Optional): Gender is not selected
Expected Outputs: Successfully Updated	Any Other Observations:-
Post Conditions: User gets updated with new information	Any Suggestions:-
Written By: Akkati Chethan	Run By: Nancy Tayal

Date: 22nd March 2021	Date: 23rd March 2021
-----------------------	-----------------------

Section - I {Before Execution}	Section - II {After Execution}
Purpose: Test the Update your profile Functionality on WeChain [6]	Execution History:-
Pre-Conditions:- User should be logged in	Result: Pop-up is shown to select valid blood group
Input: User details	If Fails, Any Possible Reasons(Optional): Blood group is not selected
Expected Outputs: Successfully Updated	Any Other Observations:-
Post Conditions: User gets updated with new information	Any Suggestions:-
Written By: Akkati Chethan	Run By: Gandham Mahesh
Date: 22nd March 2021	Date: 23rd March 2021

Section - I {Before Execution}	Section - II {After Execution}
Purpose: Test the Update your profile Functionality on WeChain [7]	Execution History:-
Pre-Conditions:- User should be logged in	Result: Pop-up is shown to select valid employment status
Input: User details	If Fails, Any Possible Reasons(Optional): Employment status not selected
Expected Outputs: Successfully Updated	Any Other Observations:-
Post Conditions: User gets updated with new information	Any Suggestions:-
Written By: Akkati Chethan	Run By: Ishika Bhardwaj
Date: 22nd March 2021	Date: 23rd March 2021

Section - I {Before Execution}	Section - II {After Execution}
Purpose: Test the Update your profile Functionality on WeChain [8]	Execution History:-
Pre-Conditions:- User should be logged in	Result: Pop-up is shown to select valid highest level of education
Input: User details	If Fails, Any Possible Reasons(Optional): Highest level of education not selected
Expected Outputs: Successfully Updated	Any Other Observations:-
Post Conditions: User gets updated with new information	Any Suggestions:-
Written By: Akkati Chethan	Run By: Nancy Tyal
Date: 22nd March 2021	Date: 23rd March 2021

Section - I {Before Execution}	Section - II {After Execution}
Purpose: Test the Update your profile Functionality on WeChain [9]	Execution History:-
Pre-Conditions:- User should be logged in	Result: Pop-up is shown to re-enter valid Address
Input: User details	If Fails, Any Possible Reasons(Optional): Address is not entered
Expected Outputs: Successfully Updated	Any Other Observations:-
Post Conditions: User gets updated with new information	Any Suggestions:-
Written By: Akkati Chethan	Run By: Gandham Mahesh
Date: 22nd March 2021	Date: 23rd March 2021

Section - I {Before Execution}	Section - II {After Execution}
Purpose: Test the Update your profile Functionality on WeChain [10]	Execution History:-
Pre-Conditions:- User should be logged in	Result: Pop-up is shown to select number of volunteer hours
Input: User details	If Fails, Any Possible Reasons(Optional): Volunteer hours are not selected
Expected Outputs: Successfully Updated	Any Other Observations:-
Post Conditions: User gets updated with new information	Any Suggestions:-
Written By: Akkati Chethan	Run By: Ishika Bhardwaj
Date: 22nd March 2021	Date: 23rd March 2021

4.5.4. CHANGE YOUR PASSWORD TEST CASES

Section - I {Before Execution}	Section - II {After Execution}
Purpose: Test the Change your password Functionality on WeChain [1]	Execution History:-
Pre-Conditions:- User should be logged in	Result: Pop-up is shown to re-enter valid credentials
Input: Current password, New password	If Fails, Any Possible Reasons(Optional): Invalid current password
Expected Outputs: Successfully Updated	Any Other Observations:-
Post Conditions: User gets updated with new password	Any Suggestions:-
Written By: Gandham Mahesh	Run By: Ishika Bhardwaj
Date: 22nd March 2021	Date: 23rd March 2021

Section - I {Before Execution}	Section - II {After Execution}
Purpose: Test the Change your password Functionality on WeChain [2]	Execution History:-
Pre-Conditions:- User should be logged in	Result: Pop-up is shown to re-enter valid credentials
Input: Current password, New password	If Fails, Any Possible Reasons(Optional): Empty New password
Expected Outputs: Successfully Updated	Any Other Observations:-
Post Conditions: User gets updated with new password	Any Suggestions:-
Written By: Gandham Mahesh	Run By: Nancy Tayal
Date: 22nd March 2021	Date: 23rd March 2021

Section - I {Before Execution}	Section - II {After Execution}
Purpose: Test the Change your password Functionality on WeChain [3]	Execution History:-
Pre-Conditions:- User should be logged in	Result: Pop-up is shown to re-enter valid credentials
Input: Current password, New password	If Fails, Any Possible Reasons(Optional): Password format is not matched
Expected Outputs: Successfully Updated	Any Other Observations:-
Post Conditions: User gets updated with new password	Any Suggestions:-
Written By: Gandham Mahesh	Run By: Akkati Chethan
Date: 22nd March 2021	Date: 23rd March 2021

Section - I {Before Execution}	Section - II {After Execution}
Purpose: Test the Change your password Functionality on WeChain [4]	Execution History:-
Pre-Conditions:- User should be logged in	Result: Pop-up is shown to re-enter valid credentials
Input: Current password, New password	If Fails, Any Possible Reasons(Optional): Confirm password does not match with new password
Expected Outputs: Successfully Updated	Any Other Observations:-
Post Conditions: User gets updated with new password	Any Suggestions:-
Written By: Gandham Mahesh	Run By: Ishika Bhardwaj

Date: 22nd March 2021	Date: 23rd March 2021
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4.5.5. UPLOAD YOUR RESUME TEST CASES

Section - I {Before Execution}	Section - II {After Execution}
Purpose: Test the Upload your resume Functionality on WeChain [1]	Execution History:-
Pre-Conditions:- User should be logged in	Result: Pop-up is shown to re-upload resume with valid format
Input: User Resume	If Fails, Any Possible Reasons(Optional): File format(. pdf) not matched
Expected Outputs: Resume Successfully Uploaded	Any Other Observations:-
Post Conditions: User profile gets updated with resume	Any Suggestions:-
Written By: Ishika Bhardwaj	Run By: Ishika Bhardwaj
Date: 22nd March 2021	Date: 23rd March 2021

Section - I {Before Execution}	Section - II {After Execution}
Purpose: Test the Upload your resume Functionality on WeChain [2]	Execution History:-
Pre-Conditions:- User should be logged in	Result: Pop-up is shown to re-upload resume with valid format
Input: User Resume	If Fails, Any Possible Reasons(Optional): Resume field is empty
Expected Outputs: Resume Successfully Uploaded	Any Other Observations:-
Post Conditions: User profile gets updated with resume	Any Suggestions:-
Written By: Ishika Bhardwaj	Run By: Ishika Bhardwaj
Date: 22nd March 2021	Date: 23rd March 2021

Section - I {Before Execution}	Section - II {After Execution}
Purpose: Test the Upload your resume Functionality on WeChain [3]	Execution History:-
Pre-Conditions:- User should be logged in	Result: Pop-up is shown to re-upload resume with valid format
Input: User Resume	If Fails, Any Possible Reasons(Optional): File size not matched
Expected Outputs: Resume Successfully Uploaded	Any Other Observations:-
Post Conditions: User profile gets updated with resume	Any Suggestions:-
Written By: Ishika Bhardwaj	Run By: Ishika Bhardwaj
Date: 22nd March 2021	Date: 23rd March 2021

5. SCHEDULING

Work Task	Week 1 (04/01/2021 - 10/01/2021)	Week 2 (11/01/2021 - 17/01/2021)	Week 3 (18/01/2021 - 24/01/2021)	Week 4 (25/01/2021 - 31/01/2021)	Week 5 (01/02/2021 - 07/02/2021)	Week 6 (08/02/2021 - 14/02/2021)	Week 7 (15/02/2021 - 21/02/2021)	Week 8 (22/02/2021 - 28/02/2021)	Week 9 (01/03/2021 - 07/03/2021)	Week 10 (08/03/2021 - 14/03/2021)	Week 11 (15/03/2021 - 21/03/2021)	Week 12 (29/03/2021 - 04/04/2021)	Week 13 (5/04/2021 - 11/04/2021)	Week 14 (12/04/2021 - 18/04/2021)
Initial Idea/ Introduction/ Description/ Overview/ Problem														
Requirements Gathering/ Feasibility Study														
Requirement Analysis														
Use Case Diagram														
Data Flow Diagrams														
Software Requirements Specifications														
Pseudo Code and Test cases														
Function points and effort estimations														

6. ESTIMATIONS

6.1. Function Points:

Total = 49

FACTOR	VALUE
BACKUP AND RECOVERY	3
DATA COMMUNICATION	2
DISTRIBUTED PROCESSING FUNCTIONS	3
CRITICAL PERFORMANCE	5
PERFORMANCE IN EXISTING AND HEAVILY UTILISED ENVIRONMENT	5
ONLINE DATA ENTRY	4
INPUT TRANSACTION BUILT OVER MULTIPLE SCREENS	0
ILFS UPDATED ONLINE	2
INPUTS, OUTPUTS, FILES COMPLEX	4
INTERNAL PROCESSING COMPLEX	2
REUSABLE CODE	5
CONVERSIONS AND INSTALLATIONS INCLUDED	4
MULTIPLE INSTALLATIONS	5
CHANGE AND EASE OF USE	5

PARAMETERS	COUNT	SIMPLE	AVERAGE	DIFFICULT	TOTAL
EXTERNAL INPUT	54	24x3	26x4	4x6	200
EXTERNAL OUTPUT	42	35x4	7x5	0x7	175
EXTERNAL ENQUIRY	16	6x3	4x4	6x6	70
INTERNAL LOGICAL FILES	10	3x7	4x10	3x15	106
EXTERNAL INTERFACE FILES	6	0x5	3x7	3x10	51

COUNT TOTAL = 200 + 175 + 70 + 106 + 51 = 602

$$\begin{aligned}
 \text{FP} &= \text{COUNT TOTAL} * [0.65 + 0.01 * (\text{TOTAL})] \\
 &= 602 * [0.65 + 0.01 * 49] \\
 &= 602 * 1.14 \\
 &= \mathbf{686.28}
 \end{aligned}$$

6.2. Efforts:

Using COCOMO II Model:

Object Type	Complexity Weight			
	Simple	Medium	Difficult	Total
Screen	$13 \times 1 = 13$	$3 \times 2 = 6$	$15 \times 3 = 45$	64
Report	$1 \times 2 = 2$	$5 \times 5 = 25$	$2 \times 8 = 16$	43
3GL Component	-	-	$28 \times 10 = 280$	280

$$\text{Object Points (OP)} = 64 + 43 + 280 = 387$$

$$\% \text{ REUSE} = 45\%$$

$$\text{Productivity (PROD)} = 13 \text{ (NOMINAL)}$$

$$\begin{aligned}
 \text{Newly calculated Object Points (NOP)} &= \text{OP} * [100 - \% \text{ REUSE}] / 100 \\
 &= 387 * [100 - 45] / 100 \\
 &= 387 * 55 / 100 \\
 &= 21,285 / 100 \\
 &= \mathbf{212.85}
 \end{aligned}$$

$$\begin{aligned}
 \text{EFFORT} &= \text{NOP} / \text{PROD} \\
 &= 212.85 / 13 \\
 &= \mathbf{16.3730 = 16 \text{ (APPROX) pm}}
 \end{aligned}$$

Taking reference from the following tables for the above calculations:

Object Type	Complexity Weight		
	Simple	Medium	Difficult
Screen	1	2	3
Report	2	5	8
3GL Component			10

PARAMETERS	SIMPLE	AVERAGE	DIFFICULT
EXTERNAL INPUT	3	4	6
EXTERNAL OUTPUT	4	5	7
EXTERNAL ENQUIRY	3	4	6
INTERNAL LOGICAL FILES	7	10	15
EXTERNAL INTERFACE FILES	5	7	10

7. APPENDIX A

This method of requirement elicitation chosen by us is “SURVEY in the forms of FORMS and QUESTIONNAIRES.”

Following are the questionnaires taken up by Volunteers, NGOs and Corporates along with the responses submitted.

7.1. Questionnaire 1- VOLUNTEERS

WeChain PROJECT SURVEY(for volunteers)

India has a vibrant civil society, with more than two million NGOs that benefit from heavy philanthropic donations from inside the country and from abroad. However, there is a need – especially at the local and hyperlocal levels – to empower citizens to discover, discuss, organize around and fund civic projects in their communities.

WeChain is a global platform for civil society organizations, corporates, and volunteers. Our Mission is to bring volunteers and organizations together to share time, skills, and passion to promote India's social development.

For this project to work, we want your genuine answers that would definitely help us analyze the requirements in great detail.

Your response would be highly appreciated.
Thank you.

* Required

1. Email address *

2. Name

3. Current Profession *

4. Contact number

5. What is your opinion regarding a global platform linking all the NGOs, volunteers/interns, and corporates together? *

Mark only one oval.

not effective

could be effective

much required

Other: _____

6. If you get an opportunity to volunteer/intern for an NGO working under an organization/company, would you be going for it? *

Mark only one oval.

Yes

No

7. Would such a platform help you in finding volunteering or internship opportunities under one roof? *

Mark only one oval.

Yes

No

8. Would you be interested in making donations to NGOs using this platform?

Mark only one oval.

Yes

No

9. Which domain requires the most attention? *

Check all that apply.

- Education
- Environment
- Health
- Animal Welfare
- Children Welfare
- Social Issue
- Elderly
- PWD
- LGBTQ

Other: _____

10. What criteria should be followed to reward the changemakers? *

Check all that apply.

- Badges
- Certicates and medals
- Changemaker of the month

11. Would you suggest this platform to your friends? *

Mark only one oval.

- Yes
- No

12. Are you connected to any such platform? (If yes, name them) *

13. Are you willing to register on this platform? *

Mark only one oval.

Yes

No

14. What should be the most important and essential feature to be included in this website? *

15. Any suggestions for us.

● **RESPONSES TO THE ABOVE QUESTIONNAIRE ARE:**

Timestamp	Email Address	Name	Current Profession	Contact number	What is your opinion regarding a global platform linking all the NGOs, volunteers/interns, and corporates together?	If you get an opportunity to volunteer/intern for an NGO working under an organization/internship, would you be going for it?	Would such a platform help you in finding volunteering or internship opportunities under one roof?	Would you be interested in making donations to NGOs using this platform?	Which domain requires the most attention?
2/1/2021 12:09:41	ishikabhardwaj7601@gmail.com	Ishika	Student		much required	Yes	Yes	Yes	Education, Environment
2/1/2021 12:17:58	harshit739892@gmail.com	Harshit Rajput	Student	7398923925	much required	Yes	Yes	Yes	Education, Environment, Health, Animal Welfare, Children Welfare, Social Issue, Elderly
2/1/2021 12:19:49	honeysaumya@gmail.com	Honey Saumya	Student		much required	Yes	Yes	Yes	Health, Mental health
2/1/2021 12:22:26	harshitmore640@gmail.com	Harshit more	Students no professional	9131235214	much required	Yes	Yes	No	Education, Environment, Health, Social Issue
2/1/2021 12:26:31	srishtigupta2905@gmail.com	Srishti Gupta	Student	6264323603	could be effective	Yes	Yes		Education, Environment, Health, Animal Welfare, Children Welfare, Social Issue, Elderly, PWD, LGBTQ
2/1/2021 12:28:14	sripad183@gmail.com	SRIPAD METPELLY	Student	9347559200	could be effective	Yes	Yes	Yes	Education, Environment, Animal Welfare, Children Welfare, PWD
2/1/2021 12:36:00	priyanka_davps1008@gmail.com		Student		could be effective	Yes	Yes	No	Education, Health, Animal Welfare, Children Welfare, Social Issue, Elderly
2/1/2021 12:38:33	riturajpathori41@gmail.com	Rituraj Pathori	College Student	6290271225	much required	Yes	Yes	No	Education, Environment, Health, Animal Welfare, Children Welfare, Social Issue, Elderly, PWD, LGBTQ
2/1/2021 12:38:42	jaishyamyadav3393@gmail.com	Jaishyam	Student		could be effective	Yes	Yes	Yes	Education

What criteria should be followed to reward the changemakers?	Would you suggest this platform to your friends?	Are you connected to any such platform? (If yes, name them)	Are you willing to register on this platform?	What should be the most important and essential feature to be included in this website?	Any suggestions for us.
Changemaker of the month	Yes	no	Yes	proper communication	
Certificates and medals	Yes	No	Yes	Use attractive calls to catch the attention of the user.	No
Certificates and medals, Changemaker of the month	Yes	Nope	Yes	Simple, easy to use	
Changemaker of the month	Yes	No	Yes	?.	No
Badges	Yes	No	Yes	Option for easy search and find	No, I guess you will do your best.
Certificates and medals	Yes	No	Yes	Good interface and connectivity	Nothing more. Best of luck
Certificates and medals, Changemaker of the month	Yes	No	Yes	Linking common social groups which on a personal level work as social workers, introducing some fun events and meetings among the volunteers and the NGO children's, some fun trips and parties	I feel the second last question is a sort of irrelevant since until we have your app/website how can we tell we will use it or not, even the fourth last question. Rest the questionnaire is good
Certificates and medals	Yes	No	No	Proper and authentic details of organizations/NGOs	
Certificates and medals	Yes	No	No	Information about all important NGOs	

Timestamp	Email Address	Name	Current Profession	Contact number	What is your opinion regarding a global platform linking all the NGOs, volunteers/interns, and corporates together?	If you get an opportunity to volunteer/intern for an NGO working under an organization/company, would you be going for it?	Would such a platform help you in finding volunteering or internship opportunities under one roof?	Would you be interested in making donations to NGOs using this platform?	Which domain requires the most attention?
2/1/2021 12:47:59	abhishek421@gmail.com	Abhishek Srivastava	Student	7289879707	could be effective	Yes	Yes	Yes	Education, Environment, Animal Welfare, Children Welfare, Social Issue
2/1/2021 12:57:06	himanshugirigoswami644@gmail.com	Hemant	Student		could be effective	Yes	Yes	No	Education
2/1/2021 13:00:21	yashuv77@gmail.com	Yashit	Chemistry majors		much required	No	Yes	No	Environment
2/1/2021 13:01:41	bhawnabc2002@gmail.com	Bhawna chauhan	Student in hansraj	8851363766	could be effective	Yes	Yes	Yes	Education, Environment, Health, Animal Welfare, Social Issue
2/1/2021 13:05:26	riya71144@gmail.com	Riya Saini	Student	+919625604221	could be effective	Yes	Yes	Yes	Education, Environment, Health, Animal Welfare, Children Welfare
2/1/2021 13:12:47	ak1146139@gmail.com	Kumar	Student		could be effective	Yes	Yes	Yes	Environment, Children Welfare, Social Issue
2/1/2021 13:19:18	aakriti20sbi@gmail.com	Aakriti Sharma	Student		could be effective	Yes	Yes		Education, Animal Welfare, Social Issue, Elderly
2/1/2021 13:21:52	pardyumyadav@gmail.com	Pardyum Yadav	Student	7988167697	could be effective	Yes	Yes	No	Education, Health, Children Welfare, PWD
2/1/2021 13:35:15	nancytayal2001@gmail.com	Nancy Tayal	Bsc Computer Science Hons Student	8923230704	much required	Yes	Yes	Yes	Animal Welfare, Social Issue, PWD
2/1/2021 13:39:53	salonigupta412@yahoo.com		Student		could be effective	Yes	Yes	Yes	Education, Health, Animal Welfare, Children Welfare

What criteria should be followed to reward the changemakers?	Would you suggest this platform to your friends?	Are you connected to any such platform? (If yes, name them)	Are you willing to register on this platform?	What should be the most important and essential feature to be included in this website?	Any suggestions for us.
Certificates and medals	Yes	No	Yes	It is quite necessary that this app set reminders and logs for the events or drives they organize so that the focus does not stay only to a certain amount of places.	Nothing as such.
Changemaker of the month	Yes	Not yet.	Yes	Participation of each sector.	Make ensure that everyone is having the zest to do something for the society.
Badges, Certificates and medals, Changemaker of the month	No	No	No	Determination	
Certificates and medals	Yes	No	Yes	Social welfare	Also work for underprivileged children and women also
Certificates and medals	Yes	Visionaries	No	Something through which people can donate easily	
Badges, Certificates and medals, Changemaker of the month	Yes	Not yet	Yes	Focus much upon Rising Social Issues	You guys are doing great thing for social causes. Appreciable
Certificates and medals	Yes	No	Yes	Something that would encourage people to volunteer and be part of this good cause	The website should mainly focus on those domain that are not given importance but requires much attention.
Certificates and medals, Changemaker of the month	Yes	No as of now	Yes	A sort of scheduler which informs the upcoming events of the societies.	
Certificates and medals, Changemaker of the month	Yes	No	Yes	List of registered NGOs and corporates and working.	
Certificates and medals	Yes	No	Yes	Dividing up tasks and meeting criteria of for an internship	

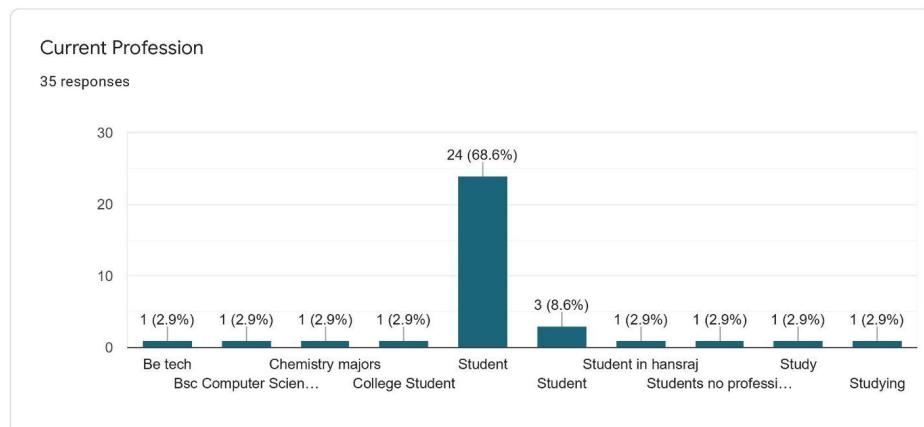
Timestamp	Email Address	Name	Current Profession	Contact number	What is your opinion regarding a global platform linking all the NGOs, volunteers/interns, and corporates together?	If you get an opportunity to volunteer/intern for an NGO working under an organization/company, would you be going for it?	Would such a platform help you in finding volunteering or internship opportunities under one roof?	Would you be interested in making donations to NGOs using this platform?	Which domain requires the most attention?
2/1/2021 13:40:46	anujkumar123@gmail.com	Anuj Kumar	Student	09140810471	much required	Yes	Yes	Yes	Education, Environment, Health
2/1/2021 13:43:43	ypalak98@gmail.com	Palak	Student		could be effective	No	No	No	Education, Environment, Children Welfare, LGBTQ
2/1/2021 16:22:22	Khushitomarpklove@gmail.com	Khushi Tomar	Student	8368234873	could be effective	Yes	Yes		Education, Environment, Health, Social Issue
2/1/2021 16:48:51	vanshkapoor333.vk@gmail.com	Vansh Kapoor	Student	9557776904	could be effective	Yes	Yes	Yes	Education, Environment, Animal Welfare, LGBTQ
2/1/2021 18:43:40	mahesgandham500@gmail.com	Gandham Mahesh	Studying	8790192621	much required	Yes	Yes	Yes	Education
2/1/2021 18:52:26	sreejithcj2001@gmail.com	Sreejith CJ	Student	9625655728	much required	Yes	Yes	Yes	Health, Animal Welfare, Elderly
2/1/2021 19:24:41	srikanthbawaers@gmail.com		Student		could be effective	Yes	Yes	Yes	Education, Environment, Health
2/1/2021 19:28:51	legend1ashish@gmail.com	Ashish k	Student	9451152380	could be effective	Yes	Yes	No	Education, Environment, Children Welfare, Social Issue
2/1/2021 19:51:51	pavamulkalla222@gmail.com	Pavan	Student	7780567306	much required	Yes	Yes	Yes	Education, Health, Children Welfare, Elderly, PWD
2/1/2021 20:23:46	maredumuraldihar@gmail.com	Murali	Be tech	8790635596	much required	No	No	Yes	Social Issue
2/1/2021 20:24:15	sahithig66@gmail.com	Geddameedi Sahithi	Student	9381290556	could be effective	Yes	Yes	Yes	Health
2/1/2021 22:26:20	srikanthbawaers@gmail.com		Student		could be effective	Yes	Yes	Yes	Education, Environment, Health
2/2/2021 12:44:42	vidhikhare8898@gmail.com		Student		much required	Yes	Yes	Yes	Education, Environment, Social Issue
2/2/2021 23:32:50	jithendardadamoni@gmail.com	Jithendar	Study	8688621862	could be effective	Yes	Yes	Yes	Education, Environment, Health, Animal Welfare, Children Welfare, Social Issue
2/3/2021 1:01:58	aryanauteelachput@gmail.com	Aryan Rautela	Student	+918077565095	much required	Yes	Yes	Yes	Education, Environment, Health

What criteria should be followed to reward the changemakers?	Would you suggest this platform to your friends?	Are you connected to any such platform? (If yes, name them)	Are you willing to register on this platform?	What should be the most important and essential feature to be included in this website?	Any suggestions for us.
Certificates and medals	Yes	no	Yes	transpirancy	make it asap
Badges	Yes	No	No	-	-
Badges, Changemaker of the month	Yes	CDF_HRC	No	nil.	nil
Certificates and medals	Yes	No	Yes	Where are the funds being used should be reflected on the site so as to create transparency	
Certificates and medals	Yes	Noo	Yes	I do know.	Noo, very good ideology...
Changemaker of the month	Yes	No	Yes	Multiple Languages	
Changemaker of the month	Yes	No	Yes	Nothing	
Certificates and medals	Yes	Na	No	Na	Na
Certificates and medals	Yes	Yes, Beauty Of Grace.	Yes	Connecting with every NGO's and interns	
Changemaker of the month	Yes	No	No	Helping	
Certificates and medals	Yes	No	No	Nothing	
Changemaker of the month	Yes	No	Yes	Nothing	
Changemaker of the month	Yes	Yes, NSS	Yes	Giving proper ways to get engaged in the events and drives.	
Badges, Certicates and medals	Yes	No	Yes	Environmental	Children welfare was first required
Changemaker of the month	Yes	No	Yes	Ability to make contact with vast NGOs and platforms	

Timestamp	Email Address	Name	Current Profession	Contact number	What is your opinion regarding a global platform linking all the NGOs, volunteers/interns, and corporates together?	If you get an opportunity to volunteer/intern for an NGO working under an organization/company, would you be going for it?	Would such a platform help you in finding volunteering or internship opportunities under one roof?	Would you be interested in making donations to NGOs using this platform?	Which domain requires the most attention?
2/5/2021 23:22:01	anushkabahugunaa@gmail.com	Anushka Bahuguna	Student	8130429446	much required	Yes	Yes	Yes	Animal Welfare, Elderly, PWD, LGBTQ

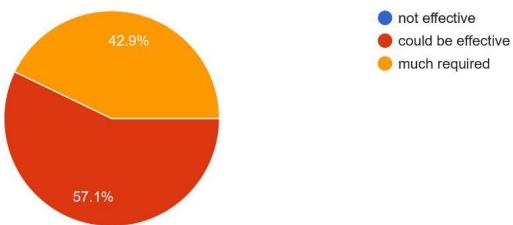
What criteria should be followed to reward the changemakers?	Would you suggest this platform to your friends?	Are you connected to any such platform? (If yes, name them)	Are you willing to register on this platform?	What should be the most important and essential feature to be included in this website?	Any suggestions for us.
Certificates and medals	Yes	No.	Yes	A section which includes the overall donations made using this platform (monthly or yearly). Include articles related to current issues and why it's necessary to support NGOs.	

- Following are the graphical results of the conducted survey made to make the requirement elicitation and analysis process easy and more understandable**



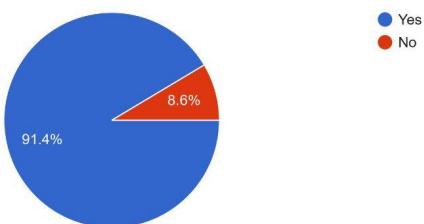
What is your opinion regarding a global platform linking all the NGOs, volunteers/interns, and corporates together?

35 responses



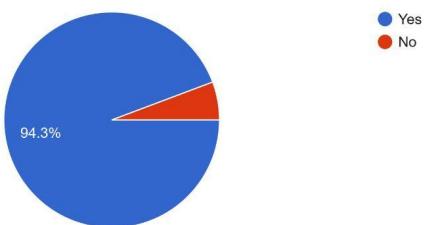
If you get an opportunity to volunteer/intern for an NGO working under an organization/company, would you be going for it?

35 responses



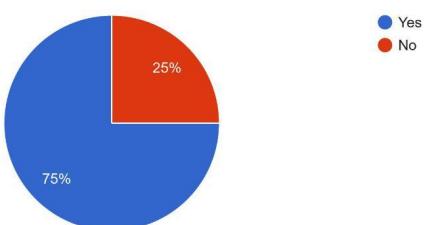
Would such a platform help you in finding volunteering or internship opportunities under one roof?

35 responses



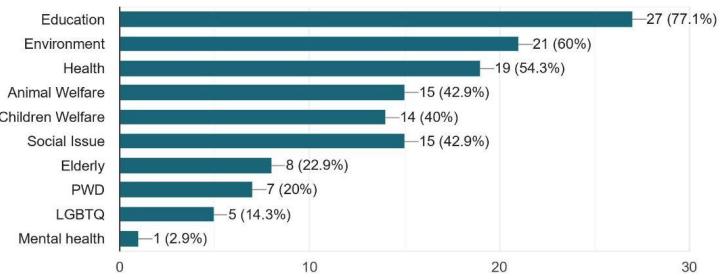
Would you be interested in making donations to NGOs using this platform?

32 responses



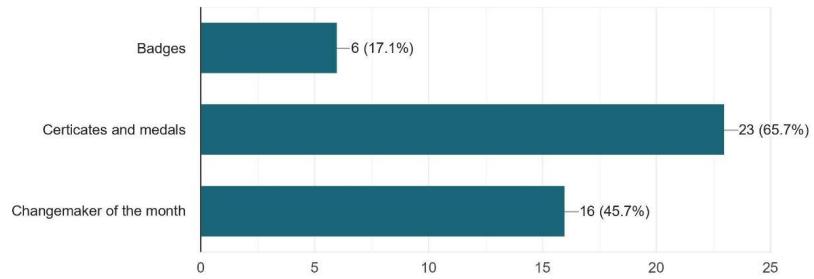
Which domain requires the most attention?

35 responses



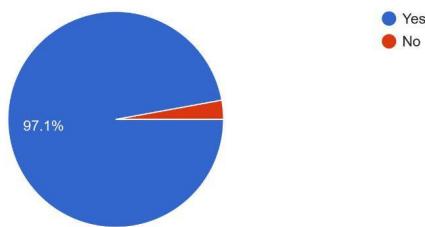
What criteria should be followed to reward the changemakers?

35 responses



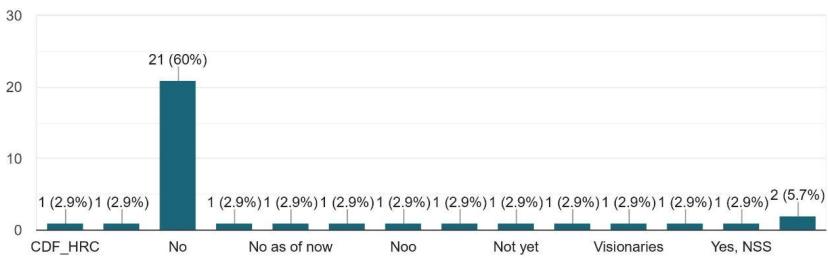
Would you suggest this platform to your friends?

35 responses



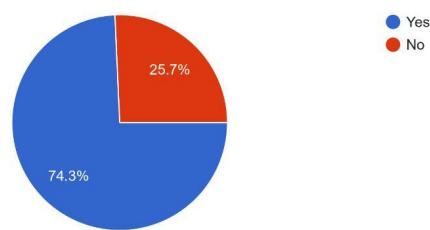
Are you connected to any such platform? (If yes, name them)

35 responses



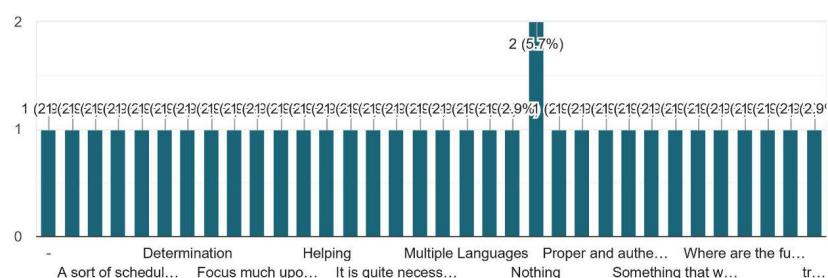
Are you willing to register on this platform?

35 responses



What should be the most important and essential feature to be included in this website?

35 responses



7.2. Questionnaire 2- NGOs

WeChain PROJECT SURVEY(for NGO's)

India has a vibrant civil society, with more than two million NGOs that benefit from heavy philanthropic donations from inside the country and from abroad. However, there is a need – especially at the local and hyperlocal levels – to empower citizens to discover, discuss, organize around and fund civic projects in their communities.

WeChain is a global platform for civil society organizations, corporates, and volunteers. Our Mission is to bring volunteers and organizations together to share time, skills, and passion to promote India's social development.

For this project to work, we want your genuine answers that would definitely help us analyze the requirements in great detail.

Your response would be highly appreciated.
Thank you.

* Required

1. Email address *

2. Name

3. Current Profession *

4. Contact number

5. What is your opinion regarding a global platform linking all the NGOs, volunteers/interns and corporates together? *

Mark only one oval.

not effective

could be effective

much required

Other: _____

6. Would such a platform help NGOs in finding volunteers or interns and in carrying donation drives under one roof? *

Mark only one oval.

Yes

No

7. Are you interested in acquiring funds from a renowned organization/company through this platform? *

Mark only one oval.

Yes

No

8. Which domain requires the most attention? *

Check all that apply.

- Education
- Environment
- Health
- Animal Welfare
- Children Welfare
- Social issue
- Elderly
- PWD
- LGBTQ

Other:

9. What criteria should we follow to reward the changemakers? *

Check all that apply.

- Badges
- Certificates and medals
- Changemaker of the month

Other:

10. Is your NGO connected to any such platform? (If yes, name them) *

11. Are you willing to register on this platform? *

Mark only one oval.

Yes

No

12. What should be the most important and essential feature to be included in this website? *

13. Any suggestions for us.

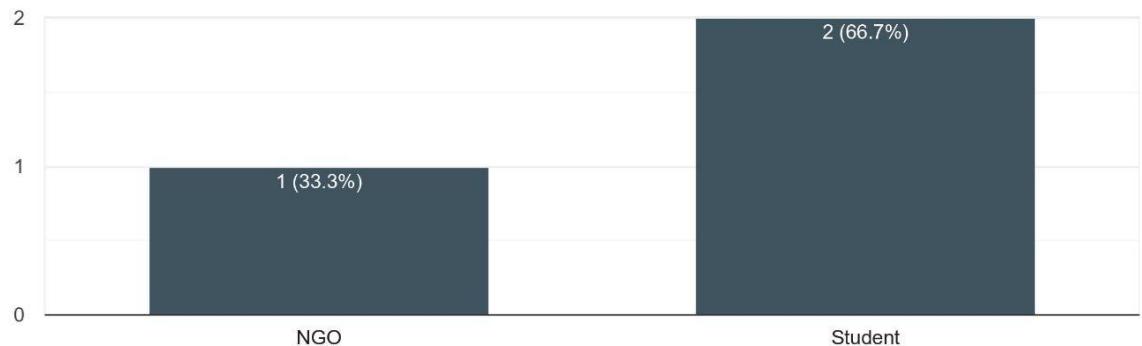
- RESPONSES TO THE ABOVE QUESTIONNAIRE ARE:**

Timestamp	Email Address	Name	Current Profession	Contact number	What is your opinion regarding a global platform linking all the NGOs, volunteers/interns and corporates together?	Would such a platform help NGOs in finding volunteers or interns and in carrying donation drives under one roof?	Are you interested in acquiring funds from a renowned organization/company through this platform?	Which domain requires the most attention?	What criteria should we follow to reward the changemakers?	Is your NGO involved in any such platform? (If yes, name them)	Are you willing to register on this platform?	What should be the most important and essential feature to be included in this website?	Any suggestions for us
2/5/2021 10:07:40	sonid747700@gmail.com	Deepali Verma	Student		could be effective	Yes	Yes	Education, Environment, Animal Welfare, Health, Children Welfare	Badges, Certificates and medals, Changemaker of the month	No	Yes	Details	
2/5/2021 11:25:05	Hansraj.cdf@gmail.com	Connecting Dreams Foundation- Hansraj Chapter	NGO	8287652722	could be effective	Yes	Yes	Education, Environment, Health, Animal Welfare, Children Welfare, PWD	Certificates and medals	No	Yes	Sharing of projects and acquiring volunteers	Nope
2/5/2021 11:31:00	dhanwanishika@gm ail.com	Ishika	Student	9560143346	much required	Yes	No	Education, Environment, Health, Children Welfare, LGBTQ	Certificates and medals	No	No	Credible contact details of NGOs as well as companies	

- **Following are the graphical results of the conducted survey made to make the requirement elicitation and analysis process easy and more understandable**

Current Profession

3 responses



Contact number

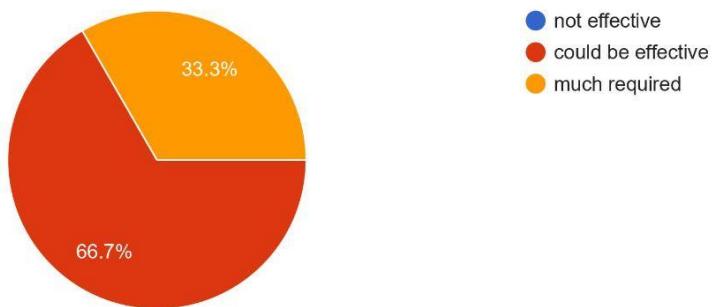
2 responses

8287652722

9560143346

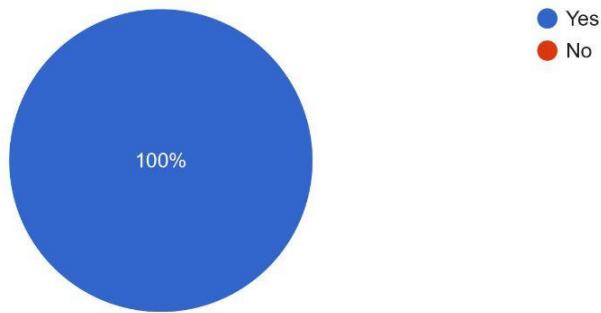
What is your opinion regarding a global platform linking all the NGOs, volunteers/interns and corporates together?

3 responses



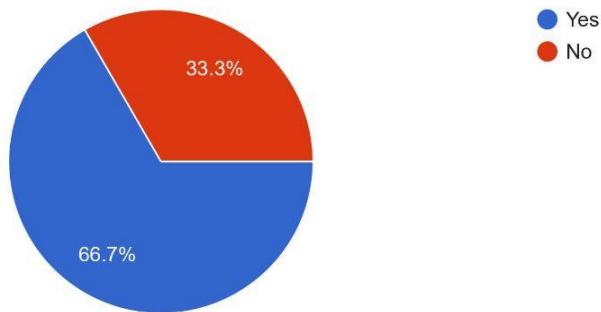
Would such a platform help NGOs in finding volunteers or interns and in carrying donation drives under one roof?

3 responses



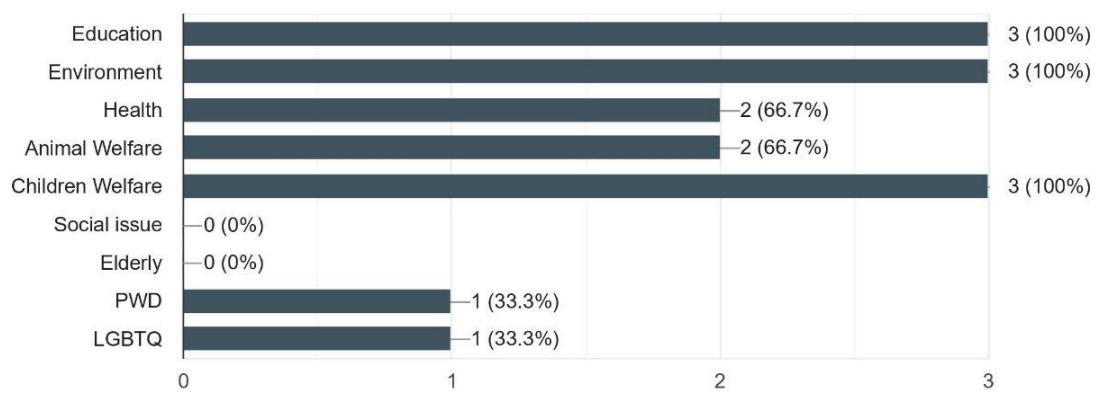
Are you interested in acquiring funds from a renowned organization/company through this platform?

3 responses



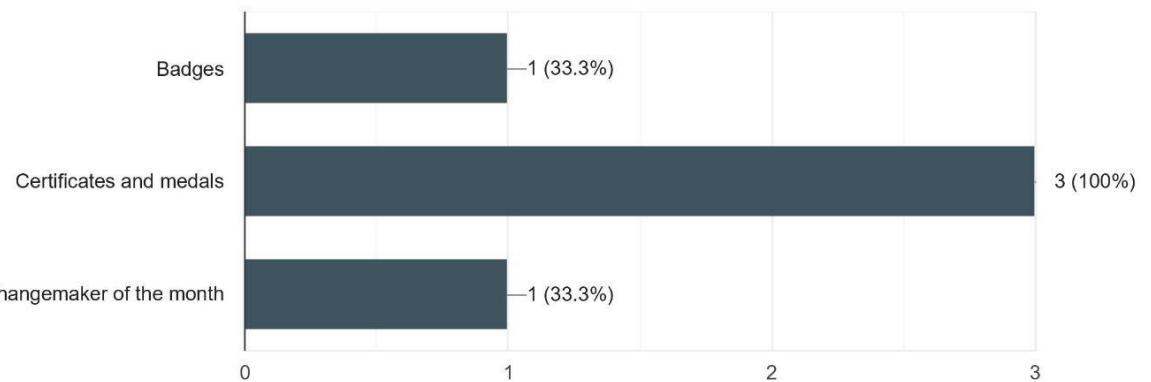
Which domain requires the most attention?

3 responses



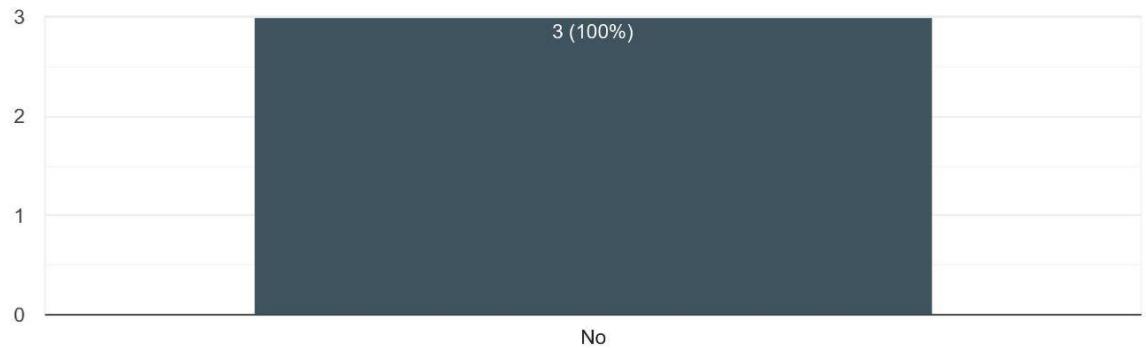
What criteria should we follow to reward the changemakers?

3 responses



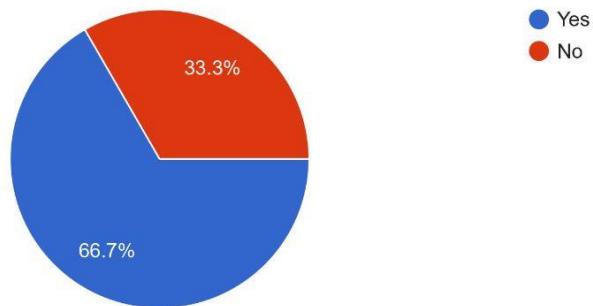
Is your NGO connected to any such platform? (If yes, name them)

3 responses



Are you willing to register on this platform?

3 responses



7.3. Questionnaire 3- CORPORATES

WeChain PROJECT SURVEY(for corporates)

India has a vibrant civil society, with more than two million NGOs that benefit from heavy philanthropic donations from inside the country and from abroad. However, there is a need – especially at the local and hyperlocal levels – to empower citizens to discover, discuss, organize around and fund civic projects in their communities.

WeChain is a global platform for civil society organizations, corporates, and volunteers. Our Mission is to bring volunteers and organizations together to share time, skills, and passion to promote India's social development.

For this project to work, we want your genuine answers that would definitely help us analyze the requirements in great detail.

Your response would be highly appreciated.
Thank you.

* Required

1. Email address *

2. Name

3. Current Profession *

4. Contact Number

5. What is your opinion regarding a global platform linking all the NGOs, volunteers/interns, and corporates together? *

Mark only one oval.

not effective

could be effective

much required

Other: _____

6. Would such a platform help in finding interns/employees and in establishing a social domain in your organization/company? *

Mark only one oval.

Yes

No

7. Would your organization/company be interested in funding the project of a reputed NGO connected through this global platform? *

Mark only one oval.

Yes

No

8. Which domain requires the most attention? *

Check all that apply.

- Education
- Environment
- Health
- Animal Welfare
- Children Welfare
- Social Issue
- Elderly
- PWD
- LGBTQ

Other:

9. What criteria should we follow to reward the skilled volunteers that would refine your volunteer search? *

Check all that apply.

- Badges
- Certificates and medals
- Changemaker of the month

Other:

10. Mention the profiles for which your organization/company requires interns. *

Check all that apply.

- Content Writing
- Graphic Designing
- Digital Marketing
- Web Design and Development
- Human Resource Management
- Sales and Business Development
- Event Co-ordinator

Other:

11. Do you have any social wing in your organization/company? (If yes, please mention.) *
-

12. Is your company/organization connected to any such platform? (If yes, please mention) *
-

13. Are you willing to register on this platform? *

Mark only one oval.

Yes

No

14. What should be the most important and essential feature to be included in this website? *
-

15. Any suggestions for us.

● **RESPONSES TO THE ABOVE QUESTIONNAIRE ARE:**

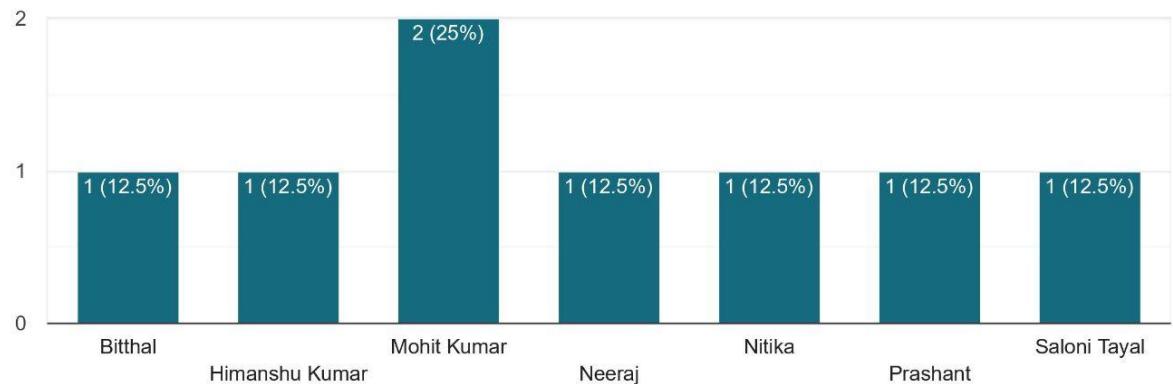
Timestamp	Email Address	Name	Current Profession	Contact Number	What is your opinion regarding a global platform linking all the NGOs, volunteers/interns, and corporates together?	Would such a platform help in finding interns/employees and in establishing a social connection in your organization/company?	Would your organization/company be interested in funding the project of a reputed NGO/NGO through this global platform?	Which domain requires the most attention?	What criteria should we follow toward the skilled volunteers that could refine your volunteer search?
2/3/2021 9:54:23	casalonitayal009@gmail.com	Saloni Tayal	Banker	9690921204	much required	Yes	Yes	Education, Environment, Health, Animal Welfare, Children Welfare, Social Issue, Elderly	Changemaker of the month
2/13/2021 14:05:39	chauhanprashant56@gmail.com	Prashant	Cost and Management Accountant		could be effective	Yes	No	Environment	Certificates and medals
2/13/2021 14:54:43	mohitkumarco@gmail.com	Mohit Kumar	CA	9897158510	much required	Yes	Yes	Education, Environment, Health, Animal Welfare, Children Welfare	Certificates and medals
2/13/2021 14:54:51	mohitkumarco@gmail.com	Mohit Kumar	CA	9897158510	much required	Yes	Yes	Education, Environment, Health, Animal Welfare, Children Welfare	Certificates and medals
2/13/2021 15:56:11	himanshu5narayan@gmail.com	Himanshu Kumar	Student	+919555772748	could be effective	Yes	No	Education, Environment, Health, Social Issue	Certificates and medals
2/13/2021 17:57:45	bhs94.bhs94@gmail.com	Bithal	Student	9650727205	much required	Yes	Yes	Education	Certificates and medals
2/13/2021 18:06:21	Chauhanneeraj403@gmail.com	Neeraj	Student	9643808238	much required	Yes	No	Education, Environment, Health, Animal Welfare, Children Welfare	Certificates and medals
2/13/2021 20:29:21	nitikab814@gmail.com	Nitika	Article	8791509914	much required	Yes	Yes	Education	Badges

Mention the profiles for which your organization/company requires interns.	Do you have any social wing in your organization/company? (If yes, please mention.)	Is your company/organization connected to any such platform? (If yes, please mention)	Are you willing to register on this platform?	What should be the most important and essential feature to be included in this website?	Any suggestions for us.
Sales and Business Development	No Idea	No idea	Yes	Effective working	
Human Resource Management	No	No	Yes	N.A	
Sales and Business Development	No	No	No	Na	No
Sales and Business Development	No	No	No	Na	No
Sales and Business Development	No	No	Yes	It should be exhaustive, every details of the organisation should be mentioned. The functions should be integrated and easy to use.	
Event Co-ordinator	No	No	No	No.	No
Sales and Business Development	No	No	No	-	
Human Resource Management	No	No	No	Public Interest	NA

- Following are the graphical results of the conducted survey made to make the requirement elicitation and analysis process easy and more understandable**

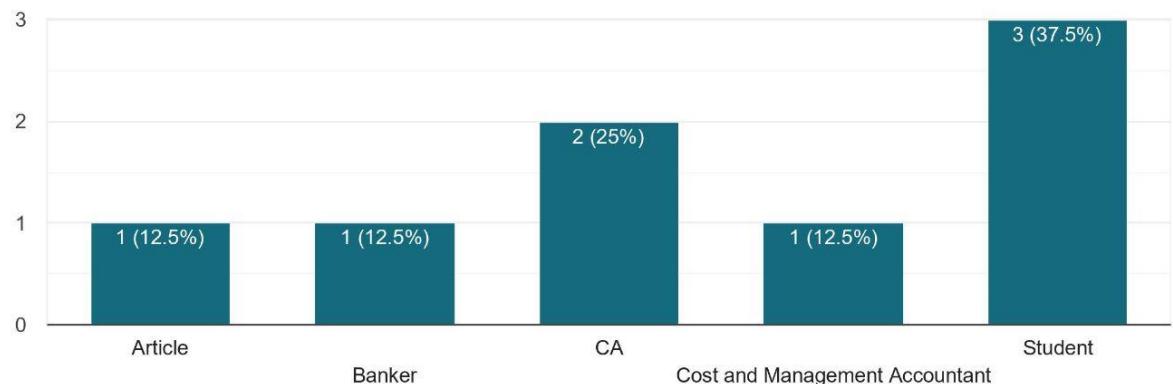
Name

8 responses



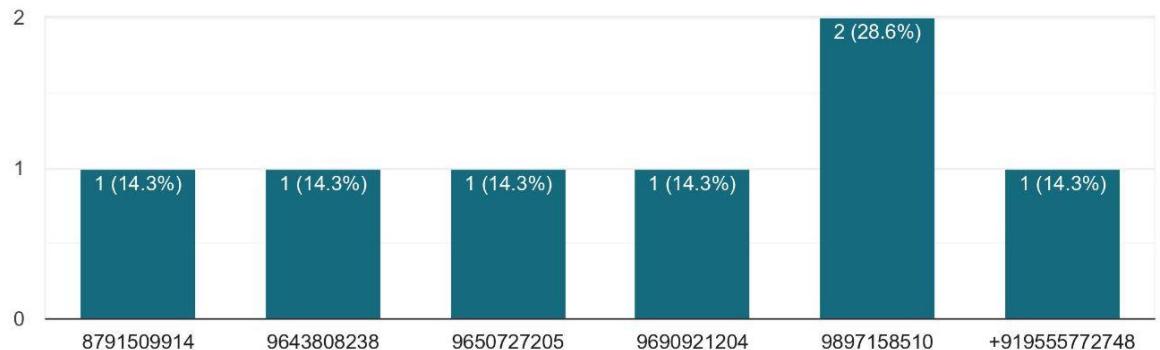
Current Profession

8 responses



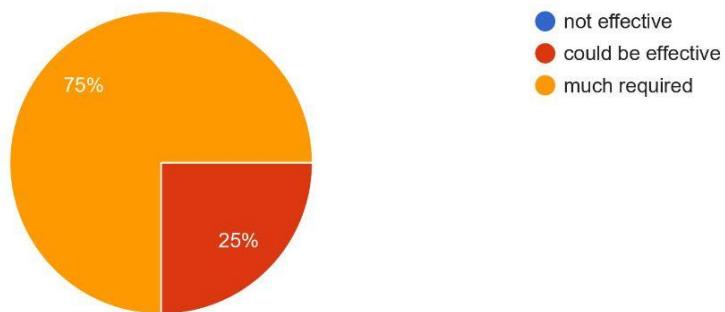
Contact Number

7 responses



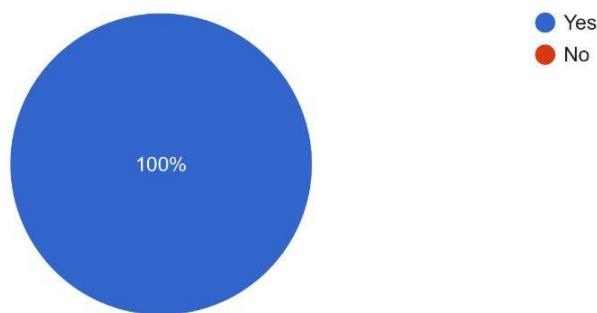
What is your opinion regarding a global platform linking all the NGOs, volunteers/interns, and corporates together?

8 responses



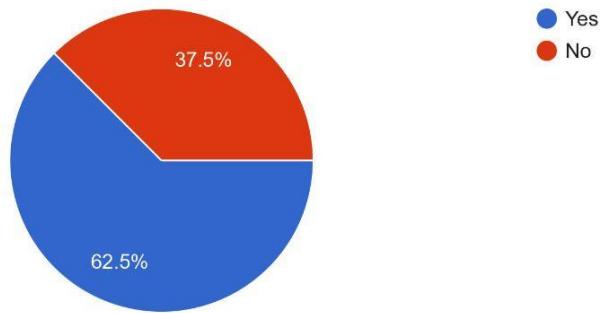
Would such a platform help in finding interns/employees and in establishing a social domain in your organization/company?

8 responses



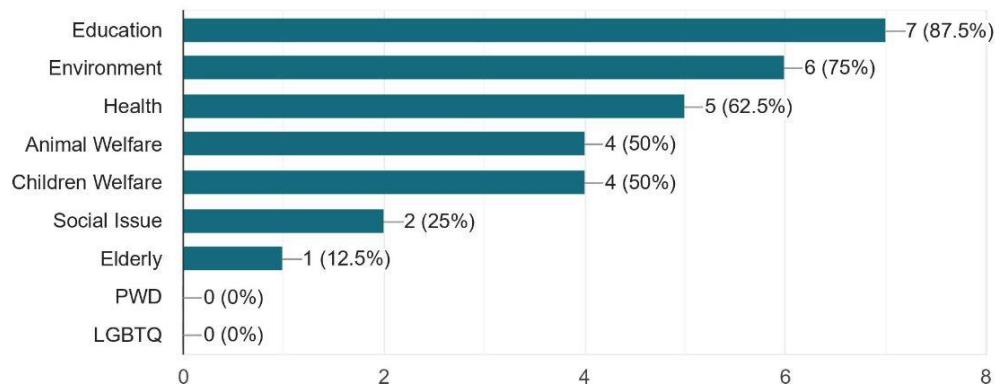
Would your organization/company be interested in funding the project of a reputed NGO connected through this global platform?

8 responses



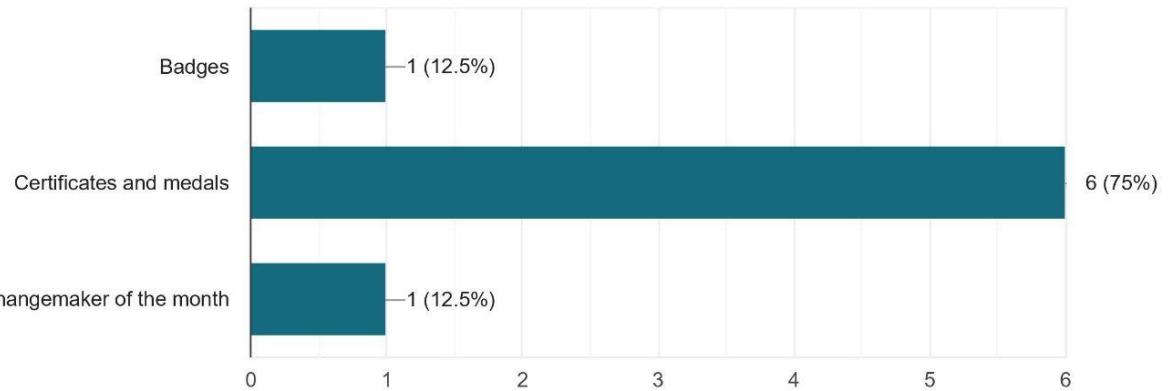
Which domain requires the most attention?

8 responses



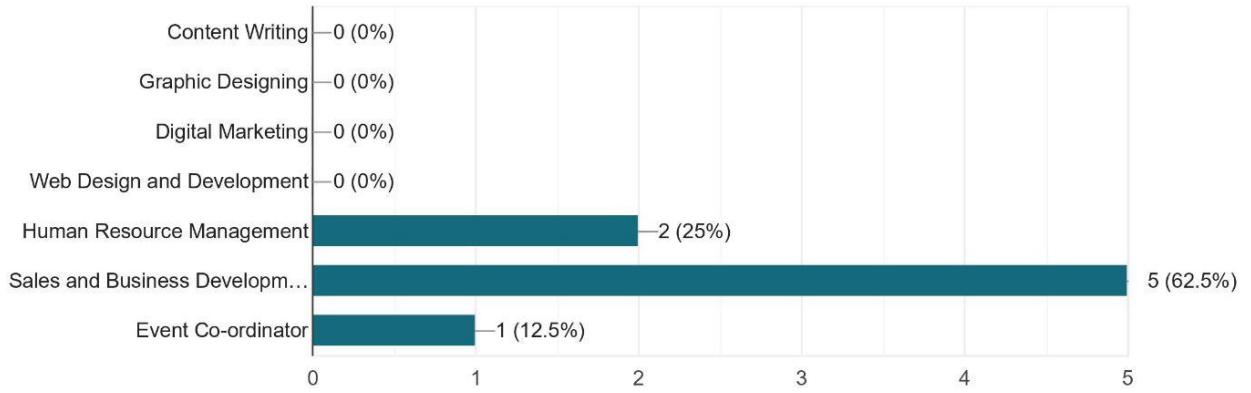
What criteria should we follow to reward the skilled volunteers that would refine your volunteer search?

8 responses



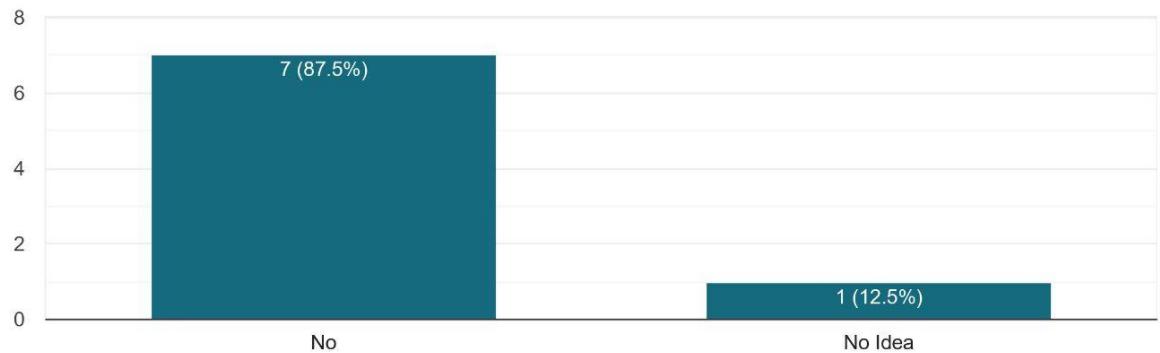
Mention the profiles for which your organization/company requires interns.

8 responses



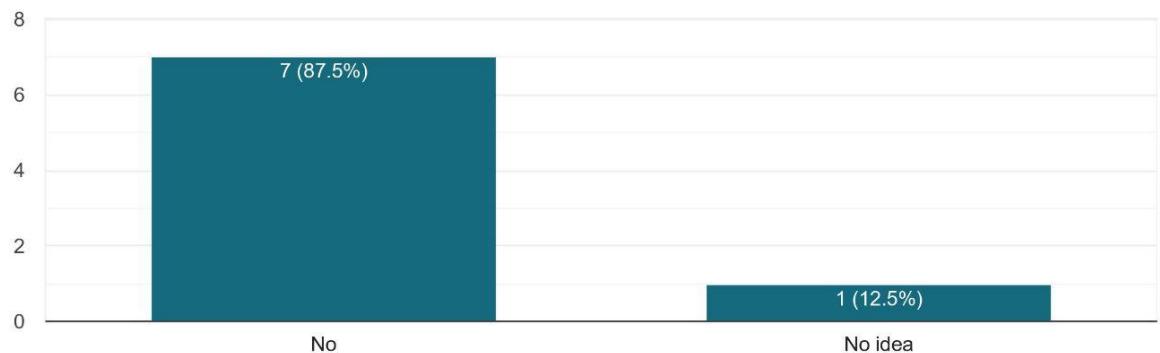
Do you have any social wing in your organization/company? (If yes, please mention.)

8 responses



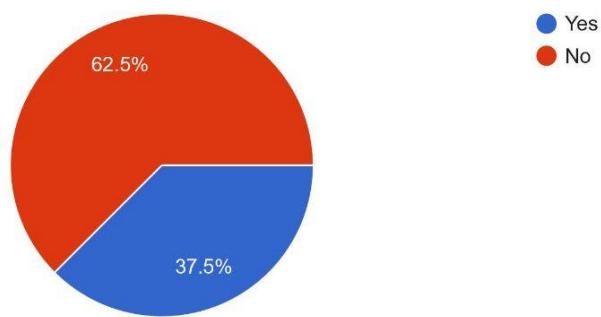
Is your company/organization connected to any such platform? (If yes, please mention)

8 responses



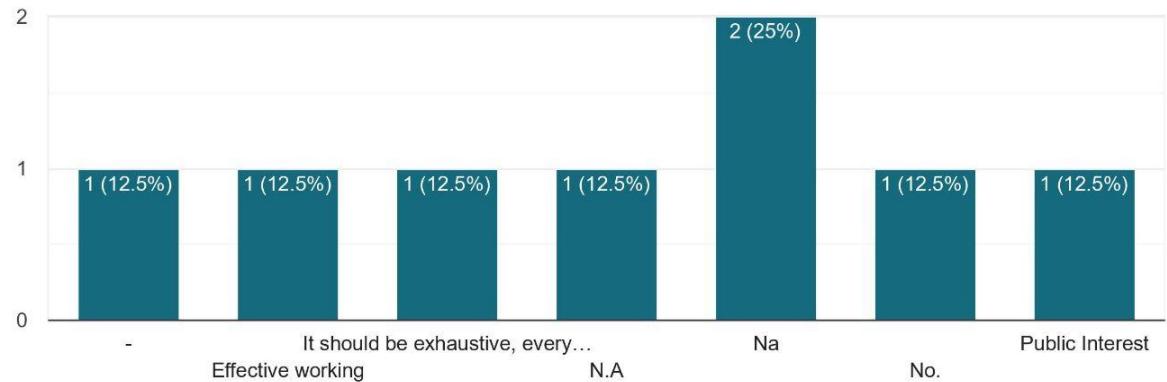
Are you willing to register on this platform?

8 responses



What should be the most important and essential feature to be included in this website?

8 responses



Any suggestions for us.

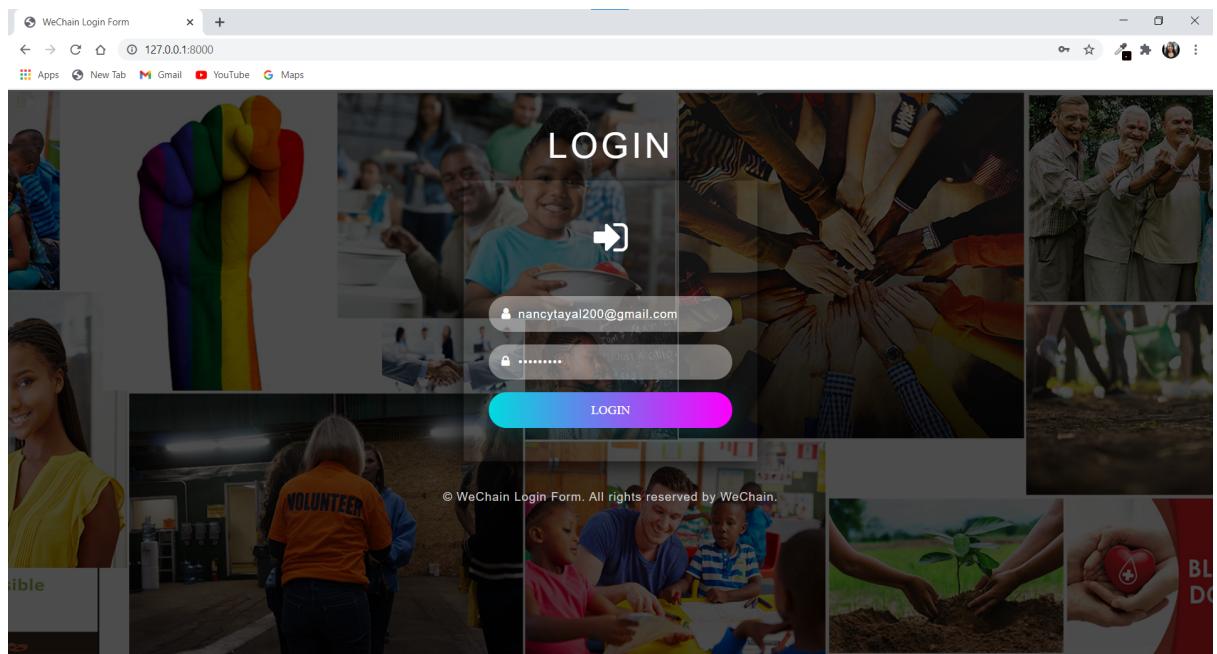
4 responses

No

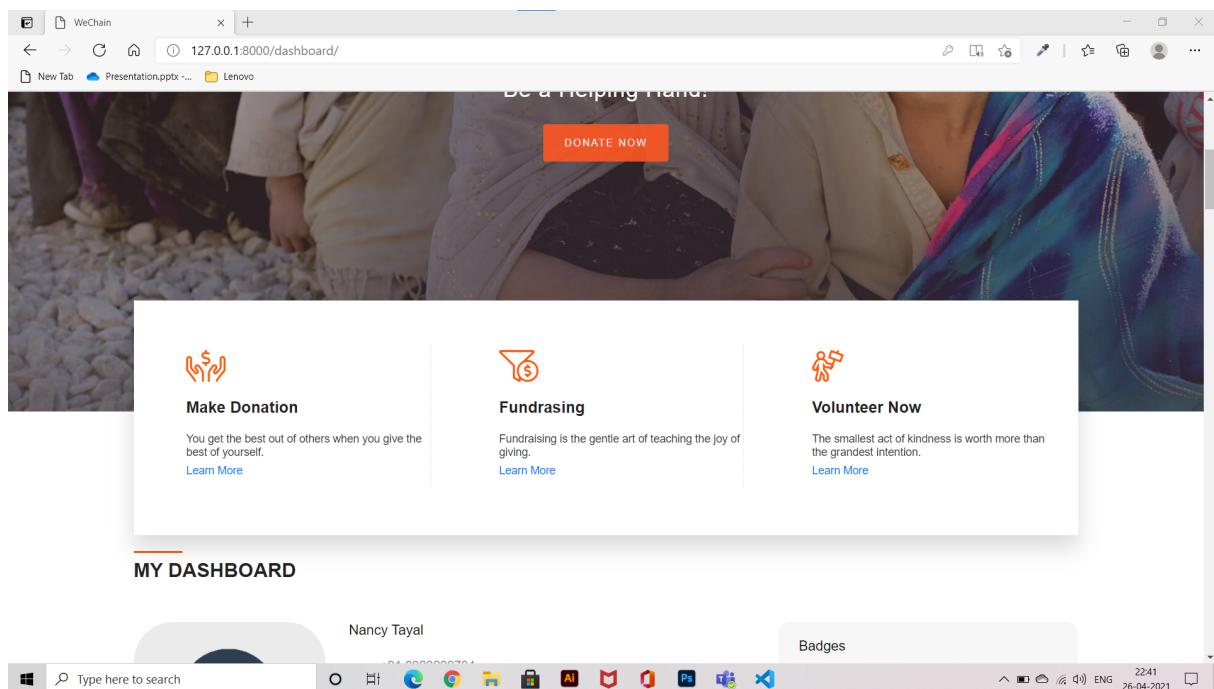
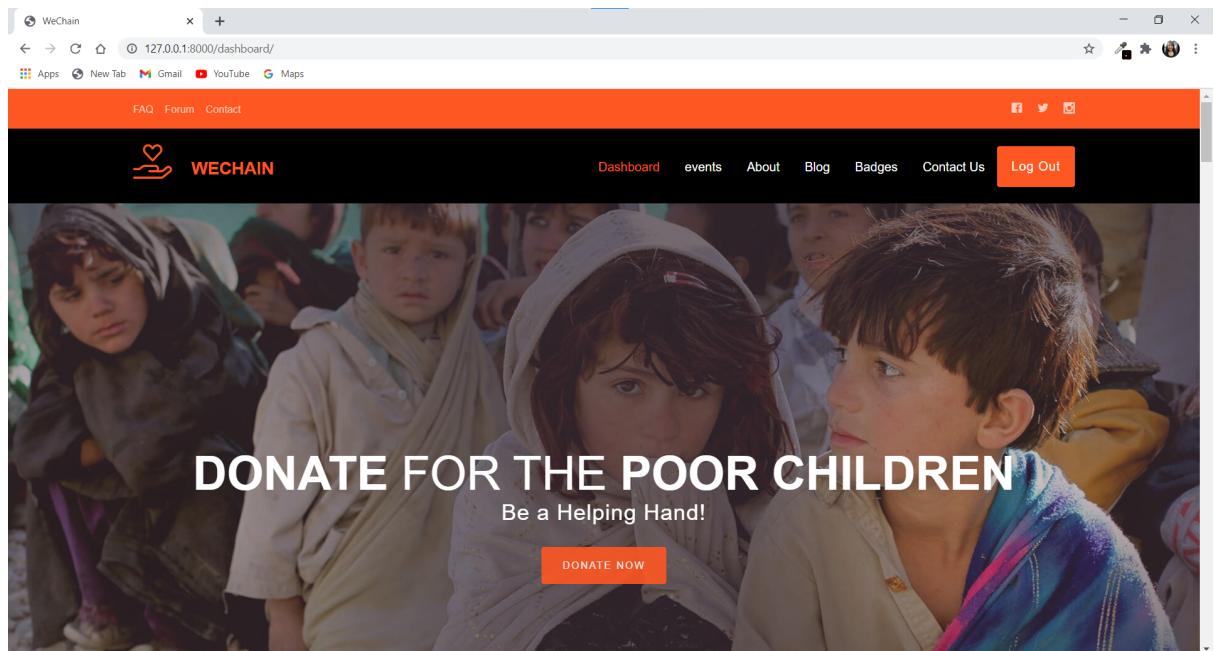
NA

8. APPENDIX B

8.1. Login Module



8.2. Dashboard Module



MY DASHBOARD



Nancy Tayal

- +91 8923230704
- nancytayal200@gmail.com

100% Complete (success)



Badges



Lifetime Badges: 200

Badges Balance: 200

Edit Profile

OUR SERVICES



RAISE FUND FOR HEALTHY FOOD

A healthy diet is a solution to many of our health-care problems. It's the most important solution.



EDUCATION FOR POOR CHILDREN

Education is for improving the lives of others and for leaving your community and world better than you found it.



PROMOTING THE RIGHTS OF CHILDREN

In serving the best interests of children, we serve the best interests of all humanity.



MASSIVE DONATION TO POOR

There is no exercise better for the heart than reaching down and lifting people up.



HUGE HELP TO HOMELESS PUPIL

We can't forget that there are so many young people who are homeless – and unbelievably vulnerable.



LET'S BUILD SOME HOMES

There is a magic in that little world, home; it is a mystic circle that surrounds comforts and virtues never known beyond its hallowed limits.



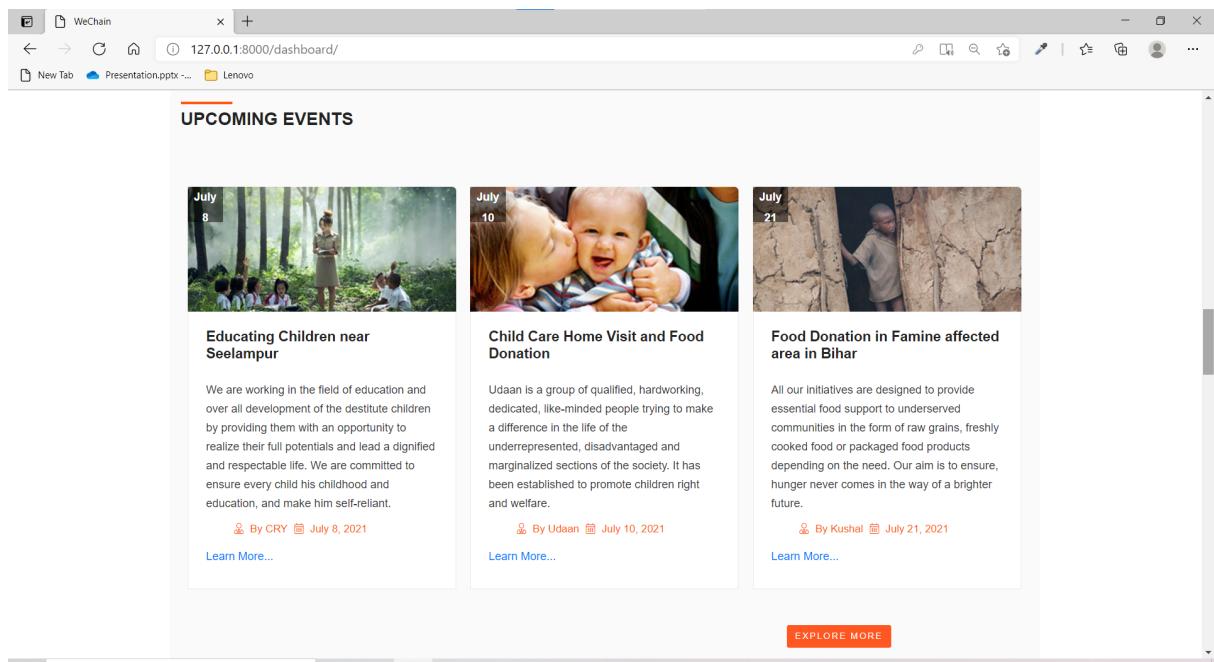
PURE WATER FOR POOR PEOPLE

Clean water, the essence of life and a birthright for everyone, must become available to all people now.



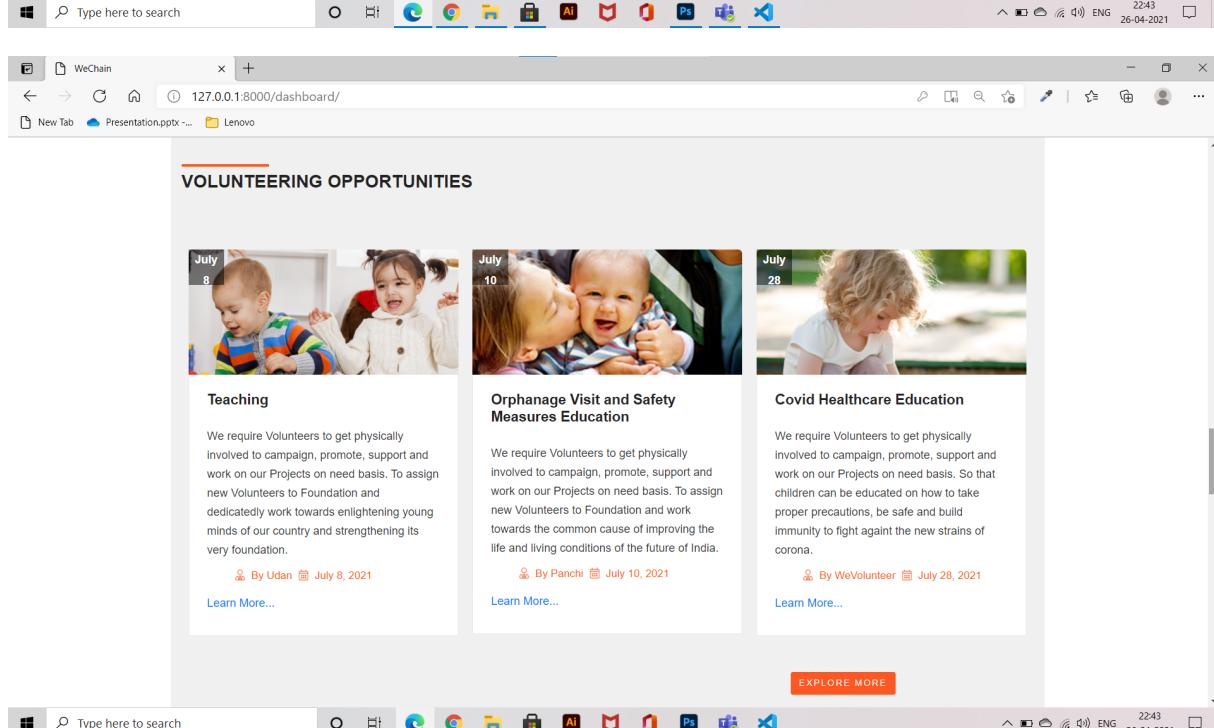
MEDICAL FACILITIES

We want to make sure that we incentivize the health care system to be designed to provide you the best quality health care possible.

A screenshot of a web browser window titled "WeChain" displaying the dashboard at 127.0.0.1:8000/dashboard/. The page features a header with a search bar and several icons. Below the header, there is a section titled "UPCOMING EVENTS" with three items:

- Educating Children near Seelampur** (July 8): A thumbnail image shows a woman standing in a forest with children. Description: "We are working in the field of education and over all development of the destitute children by providing them with an opportunity to realize their full potentials and lead a dignified and respectable life. We are committed to ensure every child has childhood and education, and make him self-reliant." By CRY July 8, 2021. [Learn More...](#)
- Child Care Home Visit and Food Donation** (July 10): A thumbnail image shows a woman kissing a baby. Description: "Udaan is a group of qualified, hardworking, dedicated, like-minded people trying to make a difference in the life of the underrepresented, disadvantaged and marginalized sections of the society. It has been established to promote children right and welfare." By Udaan July 10, 2021. [Learn More...](#)
- Food Donation in Famine affected area in Bihar** (July 21): A thumbnail image shows a person standing behind a wall. Description: "All our initiatives are designed to provide essential food support to underserved communities in the form of raw grains, freshly cooked food or packaged food products depending on the need. Our aim is to ensure, hunger never comes in the way of a brighter future." By Kushal July 21, 2021. [Learn More...](#)

[EXPLORE MORE](#)

A screenshot of a web browser window titled "WeChain" displaying the dashboard at 127.0.0.1:8000/dashboard/. The page features a header with a search bar and several icons. Below the header, there is a section titled "VOLUNTEERING OPPORTUNITIES" with three items:

- Teaching** (July 8): A thumbnail image shows two young children playing. Description: "We require Volunteers to get physically involved to campaign, promote, support and work on our Projects on need basis. To assign new Volunteers to Foundation and dedicatedly work towards enlightening young minds of our country and strengthening its very foundation." By Udan July 8, 2021. [Learn More...](#)
- Orphanage Visit and Safety Measures Education** (July 10): A thumbnail image shows a woman kissing a baby. Description: "We require Volunteers to get physically involved to campaign, promote, support and work on our Projects on need basis. To assign new Volunteers to Foundation and work towards the common cause of improving the life and living conditions of the future of India." By Panchi July 10, 2021. [Learn More...](#)
- Covid Healthcare Education** (July 28): A thumbnail image shows a person in a white shirt. Description: "We require Volunteers to get physically involved to campaign, promote, support and work on our Projects on need basis. So that children can be educated on how to take proper precautions, be safe and build immunity to fight against the new strains of corona." By WeVolunteer July 28, 2021. [Learn More...](#)

[EXPLORE MORE](#)

127.0.0.1:8000/dashboard/

INTERNSHIPS

July 19



Content Writing

We are looking for a volunteer who can help us to write a proposal in the field of education. Focus will be on Functional literacy for the children residing in Slums of Delhi. Project need to be written with the donor perspectives.

By CRY July 19, 2021

[Learn More...](#)

July 20



Digital Marketing

We are a web development firm and we create beautiful WordPress themes. WebFenix is a multi-purpose ultra WordPress development team. We have more than 460 clients who are using our service for their business.

By WebFenix July 20, 2021

[Learn More...](#)

July 21



Finance Analysis

PRM Fincon is an organization that offers innovative risk solutions through a mix of sophisticated products and bespoke services. Headquartered in Calcutta, India, we have worked with clients from diverse industries and geographies.

By PRM Fincon July 21, 2021

[Learn More...](#)

[EXPLORE MORE](#)



BLOGS AND VLOGS

- Water Conservation Project in Noida
Feb. 12th, 2021 21 ·
Jaago Bharat is a non-profit organisation working since 2014 across Delhi NCR, recently, we started going to school to conduct awareness session for students to make them aware about the importance of wetlands, natural resources and wildlife.
[Learn More...](#)
- Child sexual abuse, recent amendments. How helpful are these?
Sep. 15th, 2020 15 ·
With public outrage and the extreme cases or the rarest of the rare scenarios becoming regular, the legislature was compelled to bring a few major amendments, in the POCSO Act.
[Learn More...](#)
- Animal Welfare - Medical Mission in South Delhi
April 10th, 2020 28 ·
Despite its promise, care ethics' approach to animal welfare issues has been criticized as vague, underdeveloped and irrelevant, or in the words of one critic, as "simplistic and superficial," "confused and confusing".
[Learn More...](#)

WECHAIN

WeChain is a matchmaking platform for civil society organisations and volunteers. Basis requirements and offerings, our portal connects NGOs with most suitable volunteers, and volunteers with the most attractive opportunities.

[Home](#) [About Us](#) [Events](#) [Blog](#) [Contact Us](#) [Donate](#) [Internship](#) [Volunteer](#) [FAQs](#) [Contact Us](#)

[EXPLORE MORE](#)

Enter your Email to join our Newsletter.

Enter Your Email

QUICK LINKS

SERVICES

NEWS LETTERS

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Made with ❤ by **Group_11**

8.3. Edit Profile Module

The screenshot displays two side-by-side views of a web application's profile editing interface, likely from different browser sessions or tabs.

Top View (Left): This view shows a simplified profile form with the following fields:

Name*	Nancy Tayal
Email Address*	nancytayal200@gmail.com
Mobile Number*	8923230704
Date of Birth*	23-05-2001
Gender*	Female
Address*	Sonda Road, Durga Bhawan, Aadarsh Nagar Modinagar
Select Cause	Animals

Bottom View (Right): This view shows a more detailed profile form with additional fields:

Gender*	Female
Address*	Sonda Road, Durga Bhawan, Aadarsh Nagar Modinagar
Select Cause	Animals
Employment Status*	Student
Highest Level of Education*	Secondary School
Blood Group*	B-positive
Do you consider yourself a person with disability?*	No
How many hours can you donate per week?*	1-5
Your Skill	Technology development
Facebook URL	Your Facebook URL
Twitter URL	Your Twitter URL
Linkedin URL	Your Linkedin URL

The screenshot shows a web browser window with the URL 127.0.0.1:8000/profile/. The page contains a form for updating a profile. The fields include:

- "How many hours can you donate per week*" dropdown menu showing "1-5".
- "Your Skill" dropdown menu showing "Technology development".
- "Facebook URL" input field showing "Your Facebook URL".
- "Twitter URL" input field showing "Your Twitter URL".
- "Linkedin URL" input field showing "Your Linkedin URL".
- "Instagram URL" input field showing "Your Instagram URL".
- "Profile Picture (Only JPEG image allowed & size of profile image should be width:400 and Height:400)" file input field showing "Choose File No file chosen".
- "UPDATE MY PROFILE" orange button.

The screenshot shows a web browser window with the URL 127.0.0.1:8000/profile/. The page displays a simplified version of the profile update form from the previous screenshot, showing only the "Choose File" input field and the "UPDATE MY PROFILE" button.

The screenshot shows a web browser window with the URL 127.0.0.1:8000/profile/. The page has a dark background and features a navigation bar with four main categories: WECHAIN, QUICK LINKS, SERVICES, and NEWS LETTERS. The WECHAIN section includes a brief description and social media links. The QUICK LINKS section lists links to Home, About Us, Events, Blog, Contact Us, Donate, Internship, Volunteer, FAQs, and Contact Us. The SERVICES section is currently empty. The NEWS LETTERS section contains a newsletter sign-up form with a placeholder "Enter Your Email" and a red "Subscribe" button. At the bottom, there are social media icons, a copyright notice for "WeChain All Rights Reserved.", and a credit line "Made with ❤ by Group_11".

The screenshot shows a web browser window for the 'WeChain' website at the URL 127.0.0.1:8000/profile/. The page has an orange header bar with links for 'FAQ', 'Forum', 'Contact', 'Dashboard', 'events', 'About', 'Blog', 'Badges', 'Contact Us', and 'Log Out'. Below the header is a black navigation bar with the 'WECHAIN' logo. The main content area is titled 'Volunteer Account' and contains three tabs: 'Update Your Profile' (selected), 'Change Your Password' (highlighted in blue), and 'Upload Your Resume'. Under 'Change Your Password', there are fields for 'Current Password', 'New Password', and 'Repeat Password', along with an 'UPDATE' button.

This screenshot shows the same 'Volunteer Account' page as above, but the 'Upload Your Resume' tab is selected. It displays a message: 'You haven't uploaded a resume. Kindly upload it once to apply to any jobs/internships and projects.' Below this message is a file input field with the placeholder 'Choose File' and the message 'No file chosen', and an 'UPLOAD' button.

This screenshot shows the 'Volunteer Account' page again, with the 'Upload Your Resume' tab selected. The message 'You haven't uploaded a resume. Kindly upload it once to apply to any jobs/internships and projects.' is still present, along with the file input field and 'UPLOAD' button.

This screenshot shows the 'Volunteer Account' page with the 'Upload Your Resume' tab selected. The message 'You haven't uploaded a resume. Kindly upload it once to apply to any jobs/internships and projects.' is displayed, along with the file input field and 'UPLOAD' button.

This screenshot shows the 'Volunteer Account' page with the 'Upload Your Resume' tab selected. The message 'You haven't uploaded a resume. Kindly upload it once to apply to any jobs/internships and projects.' is displayed, along with the file input field and 'UPLOAD' button.