

**MINI PROJECT
(2019-2020)**

“HELPING HANDS”

MID-TERM REPORT



Institute of Engineering & Technology

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1. Abstract:

The project was to raise funds for NGO Organizations and to create awareness for the NGO across India. The use of digital marketing was essential to boost the presence of NGO across geographies. NGO is a non-governmental organization registered as a public charitable trust in India. NGOs in India onestop, integrated services reached out to over 400,000 individuals in states of Gujarat, Rajasthan and Maharashtra. Since 1989, NGO has facilitated participatory processes that improve the quality of life for the urban and rural poor. NGOs has carried out various programs for slum like Integrated Slum Development Program . NGOs envisions inclusive and empowered communities and individuals. The program aims at making human settlements equitable living environments where all residents and vulnerable people have access to health, education, essential infrastructure services and livelihood options, irrespective of their economic and social status.

Technology makes it possible to build applications and websites where multiple parties can execute transactions without the need for a trusted, central authority.

The various campaigns run on the crowd funding platforms like Give India and Global Giving are used to raise funds. The main concern of the NGO was its awareness, it was hardly noticeable. My part of the project was to create awareness of NGO not only in any particular state but also across India.

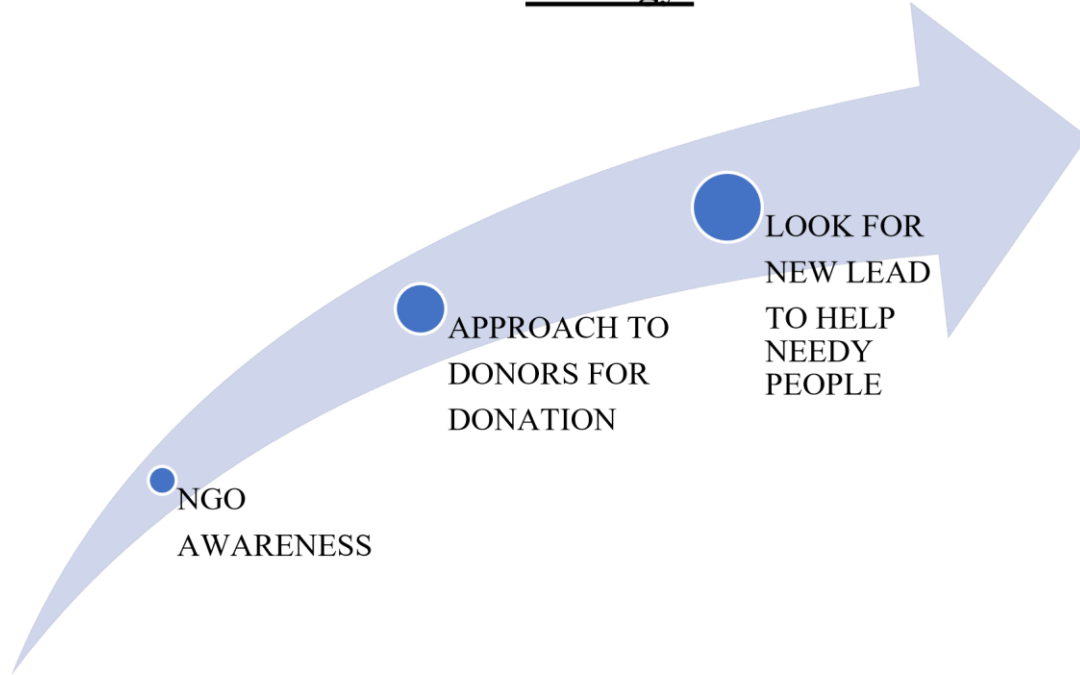
Spreading awareness across different locations was something that could be addressed using the Google Grant. The Google Grant allows the NGOs to run their advertisement for free and highlight the organization across different Geographies.

For NGOs there are some online services and some offline services. non-governmental organizations are working with papers from different states in India.

Even donations are taken manually from the members.so it difficult to keep all record manually. Current system all work is done manually and it is so difficult to manage the data manually.to make donation online a new computer based application is required.

Sometimes it might be possible that someone really wants to help people, but they cant. This online service will helpful to that person. Helping Hands create a website where visitor can register become a member of our NGO. provide a facility that event details send via news to they member and can see the event details . member can also give suggestions as well as feedback to the Helping hands associated NGOs.

Strategy:



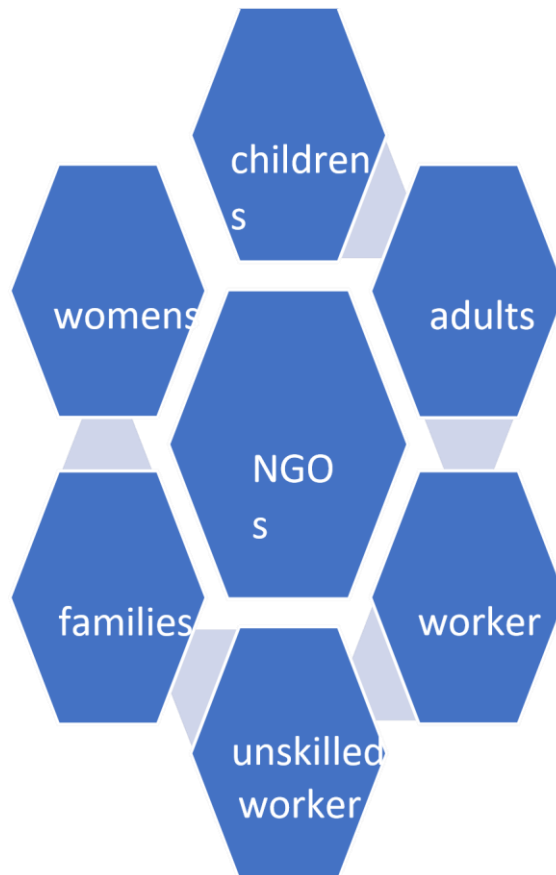
1.1 The methodology can be split into 3 steps:

1. **Creating NGO Awareness** – Building awareness for NGO was the primary goal. The various campaigns run by the NGO lacked online visibility. It was essential to boost the online presence of the NGO.
2. **Approach existing donors for donations** – Reach out to existing donors, who are in touch with the NGO in the past and approach them for funding the exiting & upcoming projects of the organizations.

3. **Look for new leads by carrying out field visits** – Look for potential leads or corporates who would be willing to tie up with the organization for various CSR activities.

Mission To make human settlements equitable living environments where all residents and vulnerable people have access to health, education, essential infrastructure services and livelihood options, irrespective of their economic and social status.

1.2 Helping Hands works with:



2 .Introduction

2.1 General Introduction to the topic

Helping Hand will show the ability of NGOs related activities via this application.

NGOs are performing activity for helping purpose .

A non governmental organization is a non-profit organization that is independent from states and international government.

NGOs are highly diverse groups of organizations engaged in a wide range of activities and take different forms in different parts of the world. some may have charitable status. while others may be fonts for political, religious, or other interest.

They are usually funded by donations but some avoid formal funding together and are primarily by volunteers.

Helping Hand is NGO related activity via this application, people who are really want to help someone but they cant. now they can help them with this online HELPING HANDS application. They will connected with many NGO via HELPING HANDS To help someone.

2.2. EXISTING SYSTEM:

For NGOs there are some online services and more offline services are there, Non-governmental organizations are working with papers work from different .

Even donations are taken manually from the members.so it difficult to keep all record manually. Current system all work is done manually and it is so difficult to manage the data manually.to make donation online a new computer based application is required.

2.3 CORE COMPONENTS:

MEMBERS:

- Registration and login
- Donate for NGO
- View Events
- Give Feedback

ADMIN:

- Manage Profile
- Manage Event
- Update Media
- Generate reports

2.4. ASSUMPTIONS AND CONSTRAINTS:

ASSUMPTIONS:

A project specially for the street kids where we provide services like education, food, cloth, toys for the children, medical support etc.

CONSTRAINTS:

This project is only for the offline donor .Not an online donor .this system is donating not only cash, other any try etc.

2.5.The various programs of HELPING HAND are as follows:

- Youth Development: Creating Livelihoods & Employability for the Urban Poor
- Youth force: Empowering Youth
- Nirman: Building Skills
- Education Programmes – Balghars
- Child Friendly Spaces (CFS): Bringing Child Labourers Back to School

2.6.ADVANTAGES AND LIMITATIONS OF THIS APPLICATION:

ADVANTAGES:

- 1.A donation is done to hand to hand with donors.
- 2.Event details will be sending through via news.
- 3.This project is for offline or online donors.
- 4.this system accept all type of donations. ex-toys, cash, clothes, etc

DISADVANTAGES:

- 1.Registered member can see information only on helping hand site.
- 2.user cannot directly contact.contact should be done only with site.

2.7.Area of Computer Science

1.2 Hardware Requirements

- Memory [4GB RAM (or higher)]
- Intel core i3 64-bit Processor (or higher)

1.3 Software requirements

- Web Browser
- Internet explorer
- Chrome
- No external software

Language Used:

- HTML
- CSS3
- JAVASCRIPT
- BOOTSTRAP
- PHP
- AS PER REQUIREMENT

3.Problems & Challenges

There were certain issues that were highlighted at the NGO

- The organization lacked awareness.
- The website was not listed on the first page of Google Search.
- Different searches for NGO or CSR were unable to get the website on the first page.
- The actual projects were not being highlighted as the stories were not highlighted efficiently.
- The organization lacked tracking of the corporate leads.
- The corporate funding questionnaire was not efficient to capture the complete data.
- The organization lacked awareness among corporates.
- There was a need to reach to corporates in person to present the projects undergone in SAATH and pitch in for long term tie ups.

4.Objectives:

Fundraising is essential for the survival and success of non profit and charitable organizations. In fact, fundraising campaigns are often the primary focus of these organizations because without operating capital, they can't provide the services necessary to fulfil their main goals. Before the advent of digital marketing, fundraising was primarily focused on obtaining as many donations as possible, but outreach efforts in today's competitive environment must now focus on other equally important objectives.

4.1.Raise Money for Operating Costs:

Non profits must meet operating expenses to stay in business. These expenses include rent, utilities, liability insurance, payroll, buying office equipment and furniture, and launching campaigns for upcoming charitable events, and community outreach programs. Without the money from fundraising efforts, charitable organizations cannot meet these operating costs nor function the way they're intended. The one risk, however, is that if too much fundraising money is allocated toward staff salaries, it could jeopardize the organization's tax-exempt status.

4.2.Fund an Endowment:

Fundraising can also help a nonprofit organization establish an endowment, which is a restricted fund that only allows an organization to spend the interest that accrues from the fund. That means organizations can't spend the principal funds in an endowment, which allows the original endowment to grow over a period of time. The benefit of an endowment is that it provides financial security for charitable organizations, helping them survive economic downturns and lower-than-expected donations from year to year.

4.3.Raising Awareness of Issues:

Sometimes raising awareness about an issue is a crucial part of fixing the issue itself. Charities may aim to raise awareness in their mission statements, but also may enact policies to reach specific awareness objectives. For example, a charity that aims to raise awareness about a pet overpopulation problem might want to provide

outreach to students in a local school, with the objective of compelling families to spay or neuter their pets. Charities can raise awareness in many ways, such as holding educational events, writing monthly newsletters or starting T-shirt or bumper sticker campaigns, for instance.

4.4.Education, Training and Employment:

Giving people the skills they need to move on in life.

Basically, we provide all these in a conclusive form:

- Provide decent accommodation
- Provide high quality appropriate support
- Provide individual person centred development
- Enable individuals to be active members of the community
- Raise awareness of homelessness in the Reading area
- Maintain and develop effective partnerships with local agencies

5.Implementation Details:

First, we have checked whether our project is feasible or not in every aspect.

5.1.Technical Feasibility:

The proposed system is developed using HTML, CSS and bootstrap as front-end tool and php and js node as the back end. The proposed system needs a Personal Web Server to serve the requests submitted by the users. The Web browser is used to view the web page that is available within the Windows operating system itself. The proposed system will run under Win9x, NT, and win2000 environment. As Windows is very user friendly and GUI OS it is very easy to use. All the required hardware and software are readily available in the market. Hence the system is technically feasible.

5.2.Operational Feasibility:

The proposed system is operationally feasible because of the following reasons.

- The customer is benefited more as most of his time is saved. The customer is serviced at his place of work.
- The purpose of this website serves the good and needy people.

5.3.Economical Feasibility:

As the necessary hardware and software are available in the market at a low cost, the initial investment is the only cost incurred and does not need any further enhancements. Hence it is economically feasible.

The system is feasible in all respects and hence it encourages taking up the system design.

We have used different languages and technologies for preparing the project . these are described below:

5.4.HTML:

The extended reach of information and services to customers that the Internet has enabled, has created a new challenge for the developer. The developer should develop a user interface that is distributable, available on multiple platforms and supports a wide range of client environments from handheld wireless devices to high-end workstations. So to maintain a broad reach to client environments and to achieve greatest compatibility with all browsers, this system uses standard HTML.

Hyper Text Markup Language is the standard language for creating documents for the World Wide Web. An HTML document is a text file, which contains the elements, in the form of tags that a web browser uses to display text, multimedia objects, and hyperlinks using HTML; we can format a document for display and add hyperlinks to other documents.

The user interface has been designed in HTML hence can be browsed in any web browser.

5.5.Cascading Style Sheets:

These have been used to separate data from presentation. By using these style sheets throughout the project, a uniform look and feel can be maintained for all the HTML elements and tags that have been used in the project. If there is any revamp the way the content has been presented in the website, the changes can be made to the appropriate style sheet, which will be reflected across all the style sheets.

5.6.Bootstrap:

Bootstrap is a web framework that focuses on simplifying the development of informative web pages (as opposed to web apps). The primary purpose of adding it to a web project is to apply Bootstrap's choices of color, size, font and layout to that project. As such, the primary factor is whether the developers in charge find those choices to their liking. Once added to a project, Bootstrap provides basic style definitions for all HTML elements. The result is a uniform appearance for prose, tables and form elements across web browsers. In addition, developers can take advantage of CSS classes defined in Bootstrap to further customize the appearance of their contents. For example, Bootstrap has provisioned for light- and darkcolored tables, page headings, more prominent pull quotes, and text with a highlight.

Bootstrap also comes with several JavaScript components in the form of jQuery plugins. They provide additional user interface elements such as dialog boxes, tooltips, and carousels. Each Bootstrap component consists of an HTML structure, CSS declarations, and in some cases accompanying JavaScript code. They also extend the functionality of some existing interface elements, including for example an auto-complete function for input fields.

5.7.PHP:

PHP is a general-purpose scripting language especially suited to web development. It was originally created by Danish-Canadian programmer Rasmus Lerdorf in 1994; the PHP reference implementation is now produced by The PHP Group. PHP originally stood for *Personal Home Page*, but it now stands for the recursive initialism

PHP code is usually processed on a web server by a PHP interpreter implemented as a module, a daemon or as a Common Gateway Interface (CGI) executable. On a web server, the result of the interpreted and executed PHP code – which may be any type of data, such as generated HTML or binary image data – would form the whole or part of a HTTP response. Various web template systems, web content management systems, and web frameworks exist which can be employed to orchestrate or facilitate the generation of that response. Additionally, PHP can be used for many programming tasks outside of the web context, such as standalone graphical applications and robotic drone control. Arbitrary PHP code can also be interpreted and executed via command-line interface

5.8.JS NODE:

JavaScript's rising popularity has brought with it a lot of changes, and the face of web development today is dramatically different. The things that we can do on the web nowadays with JavaScript running on the server, as well as in the browser, were hard to imagine just several years ago, or were encapsulated within sandboxed environments like Flash or Java Applets.

Before digging into Node.js solutions, you might want to read up on the benefits of using JavaScript across the stack which unifies the language and data format (JSON), allowing you to optimally reuse developer resources. As this is more a benefit of JavaScript than Node.js specifically, we won't discuss it much here. But it's a key advantage to incorporating Node in your stack.

Using these technologies , we have made all the pages and done all the work required in our project.

5.9 .Design :

Preliminary Design:

Preliminary design is basically concerned with deriving an overall picture of the system. Deriving entire system into modules and sub-modules while keeping Cohesion and Coupling factors in mind. Tools, which assist in preliminary design process, are Data Flow Diagrams.

Code design:

The purpose of code is to facilitate the identification and retrieval for items of information. A code is an ordered collection of symbols designed to provide unique identification of an entity or attribute. To achieve unique identification there must be only one place where the identified entity or the attribute can be entered in the code; conversely there must be a place in the code for every thing that is to be identified. This mutually exclusive feature must be built into any coding system.

The codes for this system are designed with two features in mind. Optimum human oriented use and machine efficiency. Length of the code range from length of one to length of five characteristics:

- Ø The code structure is unique; ensuring that only one value of the code with a single meaning may be correctly applied to a given entity or attributes.
- Ø The code structure is expansible allowing for growth of its set of entities and attributes.
- Ø The code is concise and brief for recording, communication, transmission and storage efficiencies.
- Ø They have a uniform size and format.
- Ø The codes are simple so that the user can easily understand it.
- Ø The codes are also versatile i.e., it is easy to modify to reflect necessary changes in condition, characteristic and relationships of the encoded entities.
- Ø The codes are also easily storable for producing reports in a predetermined order of format.

Ø The codes are also stable and do not require being frequently updated thereby promoting user efficiency.

Ø The codes are also meaningful.

Ø They are also operable i.e., they are adequate for present and anticipate data processing both for machine and human use.

5.11.System – Flow Diagram:

DATABASE DESIGN:

Database is an integrated collection of data and provides a centralized access to the data and makes possible to treat data as a separate resource. Usually centralized data managing software is called a Relational Database Management System (RDBMS). The most significant different between RDBMS and other type of Data Management is the separation of data as seen by the program and data as store of on the direct access storage device. This is the difference between logical and physical data.

Data Dictionary:

The efficiency of an application developed using RDBMS mainly depend upon the database tables, the fields in each table and the way the tables are opened using the contents in them to retrieve the necessary information. Hence a careful selection of tables and their fields are imperative.

6.Progress till Date:

Till now , we are done with the complete front-end work which includes all the pages and things which the user will be going to use and it is completely in the hands of the user . It includes the home page where all the details about our donation site and working is explained and the user is provided with the benefits and the purpose behind our work and also it is provided with many other options such as login page where user can login and be a part of our wonderful work and donate and help the needy and if the user has arrived first time to the website then there is also an option for the sign up page for that and if user wants to contact us for any reason then they can do that by filling all the details on the contact us page and if they want to donate anything then they may use the page and option “Donate Us” and donate whatever they want to and that

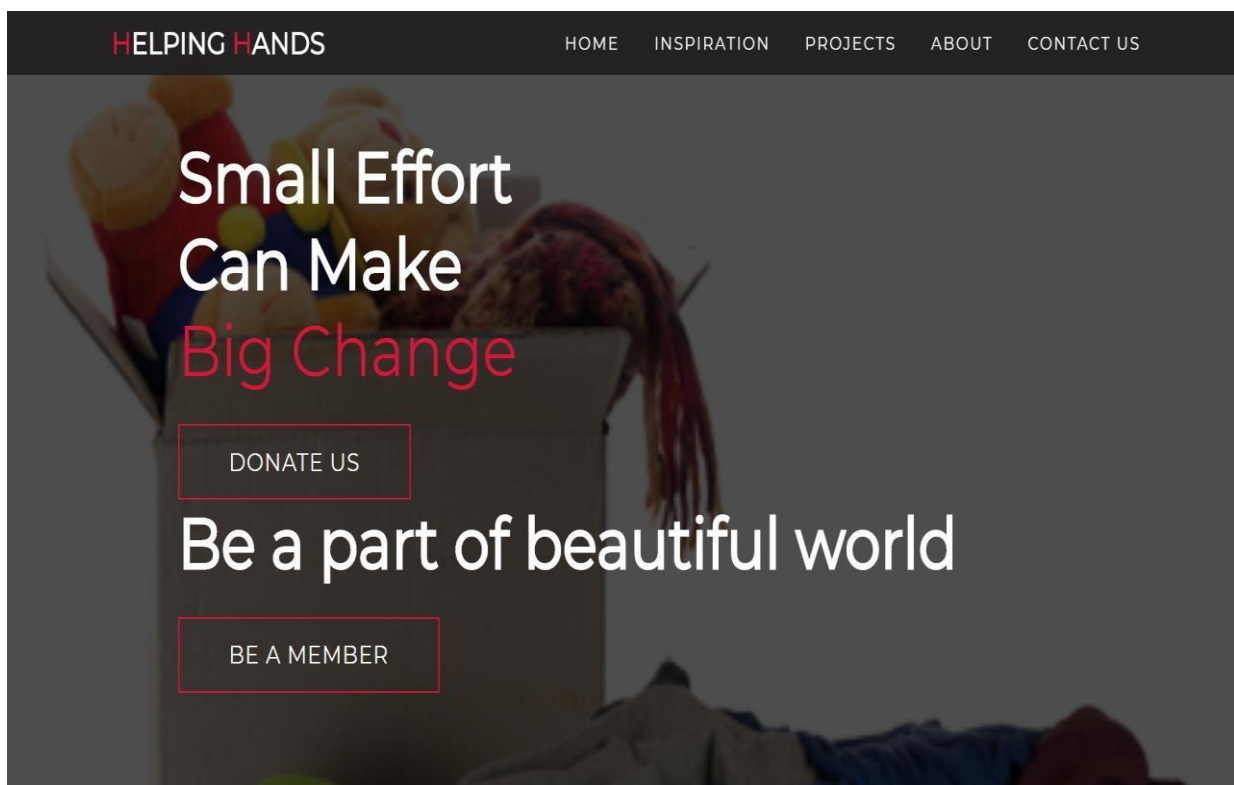
things will be directed to the NGO through our website and all the data will be secured and safe with us that will be handled by the backend part.

7.Remaining work

So, if concluded we are done with at least 50% of our total work and just left with the backend part which will handle all the databases and records which will be completed using the technology PHP and JS node.

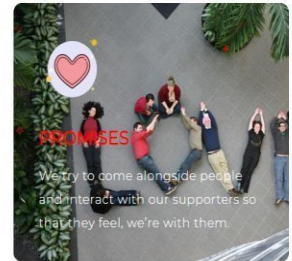
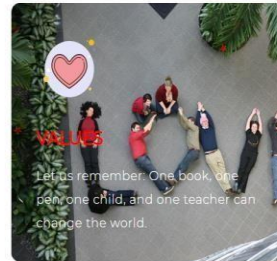
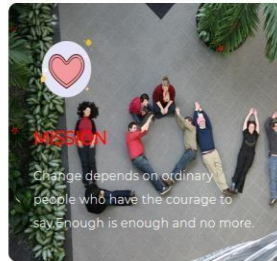
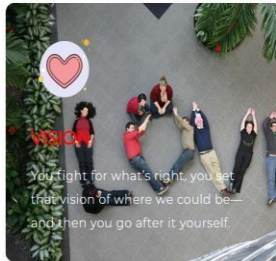
8.SOME SCREENSHOTS:

8.1 Home page:



INSPIRATION

Volunteers do not necessarily have the time they just have the beautiful heart



OUR PROJECTS

Send Donation

See how can u make a differences in families' lives with just some amout of your love



VOLUNTEER
YOU CAN MAKE A DIFFERENCE

ABOUT US



We're helping hands on

NGOs are private nonprofit organizations that pursue activities intended to serve the public good. NGOs may provide basic social services, work to relieve suffering, promote the interests of the poor, bring citizen concerns to governments, encourage political participation, protect the environment, or undertake community development to serve the needs of citizens, organizations, or groups in one or more of the communities that the NGO operates. An NGO can be any nonprofit organization that is independent from government. NGOs can range from large regional, national, or international charities to community-based self-help groups. NGOs also include research institutes, churches, professional associations, and lobby groups. NGOs typically depend, in whole or in part, on charitable donations and voluntary service for support.

[READ MORE](#)

Footer:

HELP WORLD

Alone we can do so little but together we can do so much



Contact us page:

Contact Us

Email us and keep upto date with our latest news

123 XYZ Road , Mathura

+92 00034567890

helpinghands@Gmail.com

Your Name

Last Name

Email

Subject of this message

Message

Send Message

Login Page:

The screenshot shows a web browser window with two tabs. The active tab is titled "Login Page" and displays the URL "akanshagupta12.github.io/Helping-Hands/src/loginpage.html". The page features a white login form on a background of colorful bokeh lights. The form has a title "Member Login", input fields for "Email" and "Password", a green "Login" button, and a link for "Forgot Password? Sign Up". To the right of the form is a large graphic with the word "DONATE" in the center, surrounded by various words related to charity like "GIVE", "MONEY", "FOOD", "WORK", "HUMANITARIAN", "LOVE", and "GIVING". A hand holding a pen is shown writing on the graphic. At the bottom of the graphic is the quote "YOU HAVE TWO HANDS, ONE TO HELP OTHERS". The Windows taskbar at the bottom includes a search bar, several application icons, and system status information such as time (18:43) and date (17-10-2020).

Sign Up:

The image shows a web browser window with a single tab titled 'SignUp'. The address bar displays the URL 'akanshagupta12.github.io/Helping-Hands/src/signup.html'. The main content area features a 'Sign Up' form with a light purple background and rounded corners. The form is set against a vibrant background of overlapping, out-of-focus circles in shades of red, orange, yellow, and blue. The form itself contains the following elements:

- A title 'Sign Up' in bold black text.
- Four input fields, each with a small icon to its left: 'Username' (person icon), 'Email' (envelope icon), 'Password' (lock icon), and 'Phone Number' (phone handset icon).
- A green button with the text 'Sign up' in white.

The browser's taskbar is visible at the bottom, showing the Windows logo, a search bar with the text 'Type here to search', and several application icons including Visual Studio Code, File Explorer, Google Chrome, and others. The system clock in the bottom right corner indicates the time is 18:44 on 17-10-2020.

9.References:

<https://www.google.com/> <https://www.youtube.com/>
<https://www.w3schools.com/> <https://www.udemy.com/>
<https://www.freecodecamp.org/>

