

PROFESSIONAL TRAINING REPORT

at

**Sathyabama Institute of Science and Technology
(Deemed to be University)**

Submitted in partial fulfillment of the requirements for the
award of Bachelor of Technology Degree in

Information Technology

By

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(Reg. No. 38120086)



**DEPARTMENT OF INFORMATION TECHNOLOGY
SCHOOL OF COMPUTING**

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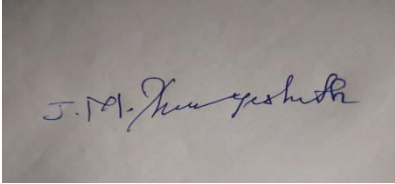
JANUARY 2021

DECLARATION

I, THOMSON YESHWANTH.J.M (Reg. No :38120086) hereby declare that the Professional Training Report on “A Trust - **WEBSITE DEVELOPMENT**” done by me under the guidance of Dr. P. AJITHA, Ph.D., at Sathyabama Institute of Science and Technology is submitted in partial fulfillment of the requirements for the award of Bachelor of Engineering degree in Information and Technology.

DATE: 22 JAN 2021

Place: Chennai

A rectangular box containing a handwritten signature in dark ink. The signature appears to be 'J. P. A. Yeswanth' written in a cursive style.

Signature of the candidate

ACKNOWLEDGEMENT :

I am pleased to acknowledge my sincere thanks to **Board of Management of SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY** for their kind encouragement in doing this project and for completing it successfully. I am grateful to them.

I convey my thanks to **Dr.Sasikala M.E., Ph.D.**, Dean, School of Computing, **Dr. SUBHASHINI M.E., Ph.D.**, Heads of the Department of Information and Technology for providing me necessary support and details at the right time during the progressive reviews.

I would like to express my sincere and deep sense of gratitude to my Project Guide Dr. P. AJITHA PH.D., for his valuable guidance, suggestions and constant encouragement paved way for the successful completion of my project work.

I wish to express my thanks to all Teaching and Non-teaching staff members of **the Department of Information and Technology** who were helpful in many ways for the completion of the project.

TRAINING CERTIFICATE :

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CERTIFICATE OF COMPLETION

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This certificate is proudly presented in the recognition of the completion of Internship at CAD DESK.

J M Thomson Yeshwanth Name	Summer Internship Course
10 Dec, 2020 Start Date	30 Days Duration
Web Design Software/Technology	Caddesk Jaipur Training Centre

His/her association with us was very fruitful and we wish him/her all the best in the future endeavors.


Managing Director

09 Jan, 2021
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ABSTRACT :

Web Development for Charity

The title of the project is: "Website Development Project: Building an Trust Fundable Website" .The main target of this report is to conduct a thorough and in-depth analysis of the all the trust fundable website and the difference they make . The approach that was followed was to initially carry out a survey of relevant literature and related work on the broad spectrum of poverty that our country has ,while there are people who own two , three cars ,there are people who don't have money for a days food .

Hence the sole purpose of this website is to fund people in need, while anybody in the world can offer to donate . Understanding its wider context is essential. The literature review tries to examine this impact and reach into useful conclusions as to where the project should focus on, in order to be successful. The success and failure factors of these website is another issue that is

examined along with some cases of companies that managed to effectively implement a trust ,in their operations and others that did not. Finally, there is a presentation and comparison of some well established website development methods. This comparison aims to show the advantages and disadvantages of these methods. This can be vital in order to exploit their strong points and avoid similar mistakes in the methodology that will be finally applied for the development of the website. The second part of the report aims to present the methodology that will be followed throughout the project. The main objectives and goals of the project are described in this part, along with the project plan. Furthermore this part involves research on some key issues of the development methodology that was decided, like website evaluation.

TABLE OF CONTENTS:

Chapter No.	Title	Page No.
1.	Introduction	1
	1.1 About the Project	1
	1.2 Short History of E-Charitable Trust	2
	1.3 Concept of E-Charity	3
	1.4 Website Development Methodologies	4
2.	Analysis	6
	2.1 Analysing Project	6
	2.2 Software and Hardware Req.	6
	2.3 Functional Req.	9
	2.4 Modulus Description	10

3	Material Used	15
	3.1 Images Used	15
	3.2 Icons	16
	3.3 Fonts	17
4	View of Implemented Algorithm	18
	4.1 Desktop View	18
	4.2 Website Design Analysis	19
5	Conclusion	25

CHAPTER 1

INTRODUCTION

1.1 About our project:

Websites are, in many ways, at the heart of successful digital marketing. While tend to market nothing but our website , so as help people indeed. The more the marketing more the funds for people in need.. Web development and design applies to more than just websites, the principles can be used for any digital assets you create, from mobile platforms to social media profiles. Creating online assets involves three key processes: planning and design, which create the appearance, layout and style that users see; and development, which brings this imagery to life as a functioning web tool. In this project I have created a website which allows us a look into people in need and some detail about the company. It is full responsive which we can access it on any devices.

1.2 Short History of E- Charitable Trust :

A **charitable trust** is an irrevocable trust established for **charitable** purposes and, in some jurisdictions, a more specific term than "charitable organisation". A charitable trust enjoys a varying degree of tax benefits in most countries. It also generates good will. Some important terminology in charitable trusts is the term 'corpus' (Latin for 'body') which refers to the assets with which the trust is funded and the term 'donor' which is the person donating assets to a charity.

In India, trusts set up for the social causes and approved by the ITD get not only exemption from payment of tax but also the donors to such trusts can deduct the amount of donation to the trust from their taxable income. The legal framework in India recognizes activities including "relief of the poor, education, medical relief, preserving monuments and environment, and the advancement of any other object of general public utility" as charitable purposes. Companies formed under Section 8 of the Companies Act, 2013 for promoting charity also receive benefits under law including exemption from various procedural provisions of the Companies Act, either fully or in part, and are also entitled to such other exemptions that the central government may accord through its orders.

1.3 The Concept of E- Charity:

Charity is the act of extending love and kindness to others unconditionally, which is a conscious act but the decision is made by the heart, , without expecting a reward. When Charity is carried out selflessly, it is a one-way act where a person gives but asks for nothing in return.

Now you can search for almost any websites and their type of service online, without having to go anywhere physically.

Donating products through an online medium is one of the best way to make a contribution. With the help of E- charity ,one need not move anywhere to donate money .One can do it in the comfort of his home .

Through an Charity website, you can easily donate large amount of money at once. There are so many benefits of Charity website.³

Purpose of Charity:

Charity is essential and therefore meant to be done for public benefit, relief and to provide assistance to people at times of need in any part of the world, especially who are the victims of war, natural disaster, catastrophe, hunger, disease, poverty, orphans by supplying them with food, shelter, medical aid and other fundamental needs.

Importance of Charity in Our Society:

The greatest gift to our community would be when we contribute to making lives better; when we touch lives by the dint of donations or charity, spreading light to the most needy and enlighten our souls in the process.

1.4 Website Development Methodologies :

- Progressive - Work for every user, regardless of browser choice because they're built with progressive enhancement as a core tenet.
 - Responsive - Fit any form factor: desktop, mobile, tablet, or forms yet to emerge.
- Connectivity independent - Service workers allow work offline, or on low quality networks.
- App-like - Feel like an app to the user with app-style interactions and navigation.
- Fresh - Always up-to-date thanks to the service worker update process.
- Safe - Served via HTTPS to prevent snooping and ensure content hasn't been tampered with.
- Discoverable - Are identifiable as "applications" thanks to W3C manifests[6] and service worker registration scope allowing search engines to find them.
- Re-engageable - Make re-engagement easy through features like push notifications.

- Installable - Allow users to “keep” apps they find most useful on their home screen without the hassle of an app store.
- Linkable - Easily shared via a URL and do not require complex installation.

CHAPTER 2

2.1 aNALYSIS :

Project Overview The technical challenges of designing and developing an charity trust web page are only one aspect of this project. Major part of the project is to acquire the desired knowledge, skills and experience to build an Charity website, based on the examination and analysis of user requirements .

A lot of charities rely on voluntary funding. This funding is carefully distributed and there are often more important things ahead of a generous budget for the website. It let users find out information about the charity, but the main objective of the site is to **get people involved with the charity**, usually resulting in the user **donating money**.

Sponsors will want you to keep in touch as they now have a vested interested, so make sure they can. Let people sign up and send them an occasional newsletter about what the charity is up to. This will also be helpful when it comes to looking for future donations. Donating money is the obvious way people can help, but make it clear they can help in other ways. Suggest fundraising ideas and advise how users can help promote the website and charity via other social networking sites.

2.2 HARDWARE AND SOFTWARE REQUIREMENTS:

Computer **hardware specifications** are technical descriptions of the computer's components and capabilities. Processor speed, model and manufacturer. Processor speed is typically indicated in gigahertz (GHz) .

Hardware Requirements (Preferable): The selection of hardware is very important in the existence and proper working of any software. In the selection of hardware, the size and the capacity requirements are also important.

PROCESSOR	I3 OR ABOVE	Any Gen
RAM CAPACITY	2GB OR ABOVE	4 is best
PROCESSOR SPEED	2.40 GHZ	-

Software Requirements (Preferable):

One of the most difficult tasks is that, the selection of the software, once system requirement is known that is determining whether a particular software package fits the requirement.

The **software requirements** are description of features and functionalities of the target system. **Requirements** convey the expectations of users from the **software** product. The **requirements** can be obvious or hidden, known or unknown, expected or unexpected from client's point of view.

PROGRAMMING LANGUAGE	HTML,CSS,BOOTSTRAP,JAVASCRIPT
BROWSER	CHROME,MOZILLA,OPERA,IE
OPERATING SYSTEM:	WINDOWS/UBUNTU/MAC/LINUX
CODE EDITOR	VISUAL STUDIO CODE
HOSTING SITE	NETLIFY,GITHUB

2.3. FUNCTIONAL REQUIREMENTS AND NON FUNCTIONALREQUIREMENTS: Functional Requirements

In a nut shell, functional requirements describe what the software / website should do (the functions). Think about the core operations. Because the “functions” are established before development, functional requirements should be written in the future tense. In developing the web application for charity fund, some of the functional requirements could include:

- The web application shall accept funding and other
- The web application shall be able to keep track of monthly donations
- The web application shall produce a receipt detailing a donators funding information and include name of the funder, amount he pays.
- The web application shall be able to produce weekly, monthly and yearly reports about funding Notice that each requirement is directly related to what we expect the web application to do. They represent some of the core functions.

2.4 Module Discription :

Data Collection We start our project on collecting the images of the car and its model. We use HTML, CSS, JAVA SCRIPT to create the website and to make accessible on every devices that we use



2.4.1 HTML Hypertext Markup Language (HTML) :

Is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript. Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document. HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page. HTML provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items.

Advantages of HTML :

People often think that HTML websites are history in today's world of advanced Content Management Systems. This may not really be the case in many cases. It is you who will need to decide whether your growing business needs an advanced technology or is a simple, yet effective programming language like HTML enough for you to create a presence in the market. This article discusses the different advantages of HTML.

2.4.2 CSS :

Cascading Style Sheets, fondly referred to as CSS, is a simple design language intended to simplify the process of making web pages presentable. CSS handles the look and feel part of a web page. Using CSS, you can control the color of the text, the style of fonts, the spacing between paragraphs, how columns are sized and laid out, what background images or colors are used, layout designs, variations in display for different devices and screen sizes as well as a variety of other effects. CSS is easy to learn and understand but it provides powerful control over the presentation of an HTML document. Most commonly, CSS is combined with the markup languages HTML or XHTML. CSS saves time – You can write CSS once and then reuse same sheet in multiple HTML pages.

You can define a style for each HTML element and apply it to as many Web pages as you want.

Pages load faster – If you are using CSS, you do not need to write HTML tag attributes every time. Just write one CSS rule of a tag and apply it to all the occurrences of that tag. So less code means faster download times.

Easy maintenance – To make a global change, simply change the style, and all elements in all the web pages will be updated automatically.

Superior styles to HTML – CSS has a much wider array of attributes than HTML, so you can give a far better look to your HTML page in comparison to HTML attributes.

Multiple Device Compatibility – Style sheets allow content to be optimized for more than one type of device.

Advantage :

CSS handles the look and feel part of a web page. Using CSS, you can control the color of the text, the style of fonts, the spacing between paragraphs, how columns are sized and laid out, etc.

The following are the advantages of CSS –

- CSS saves time – You can write CSS once and then reuse the same sheet in multiple HTML pages. You can define a style for each HTML element and apply it to as many Web pages as you want.
- **Easy maintenance** – To make a global change, simply change the style, and all elements in all the web pages will be updated automatically.
- Global web standards – Now HTML attributes are being deprecated and it is being recommended to use CSS. So it's a good idea to start using CSS in all the HTML pages to make them compatible with future browsers.
- Platform Independence – The Script offer consistent platform independence and can support latest browsers as well.

2.4.3 Javascript :

JavaScript is a dynamic computer programming language. It is lightweight and most commonly used as a part of web pages, whose implementations allow client-side script to interact with the user and make dynamic pages. It is an interpreted programming language with object-oriented capabilities. JavaScript was first known as LiveScript, but Netscape changed its name to JavaScript, possibly because of the excitement being generated by Java. JavaScript made its first appearance in Netscape 2.0 in 1995 with the name LiveScript. The general-purpose core of the language has been embedded in Netscape, Internet Explorer, and other web browsers.

- JavaScript is a lightweight, interpreted programming language.
- Designed for creating network-centric applications.
- Complementary to and integrated with Java.
- Complementary to and integrated with HTML.
- Open and cross-platform Advantages of JavaScript The merits of using JavaScript are Less server interaction – You can validate user input before sending the page off to the server. This saves server traffic, which means less load on your server. Immediate feedback to the visitors – They don't have to wait for a page reload to see if they have forgotten to enter something. Increased interactivity – You can create interfaces that react when the user hovers over them with a mouse or activates them via the keyboard. Richer interfaces – You can use JavaScript to include such items as drag-and-drop components and sliders to give a Rich Interface to your site visitors.

Advantages of JavaScript :

- **Speed.** Client-side JavaScript is very fast because it can be run immediately within the client-side browser. Unless outside resources are required, JavaScript is unhindered by network calls to a backend server.
- **Simplicity.** JavaScript is relatively simple to learn and implement.
- **Popularity.** JavaScript is used everywhere on the web.
- **Interoperability.** JavaScript plays nicely with other languages and can be used in a huge variety of applications.
- **Server Load.** Being client-side reduces the demand on the website server.
- Gives the ability to create rich interfaces.

CHAPTER 3

3.Material Used:

3.1 Images Used :

This is the list of images that are used in background of the webpage. The image will be automatically shrined when we access the site in different sizes.





3.2 Icons:

In this project I used Font Awesome icon for all the icons that I have included. Font awesome is a robust icon set that contains scalable vector icons. And amazingly enough, it is free (icons sets can be quite expensive, making this a pretty sweet deal). There are many important types of icons that come with Font Awesome: social media, UI/web-related, and more! Icons are important to web projects because they are a visual way to help add meaning to elements.

3.3 Fonts :

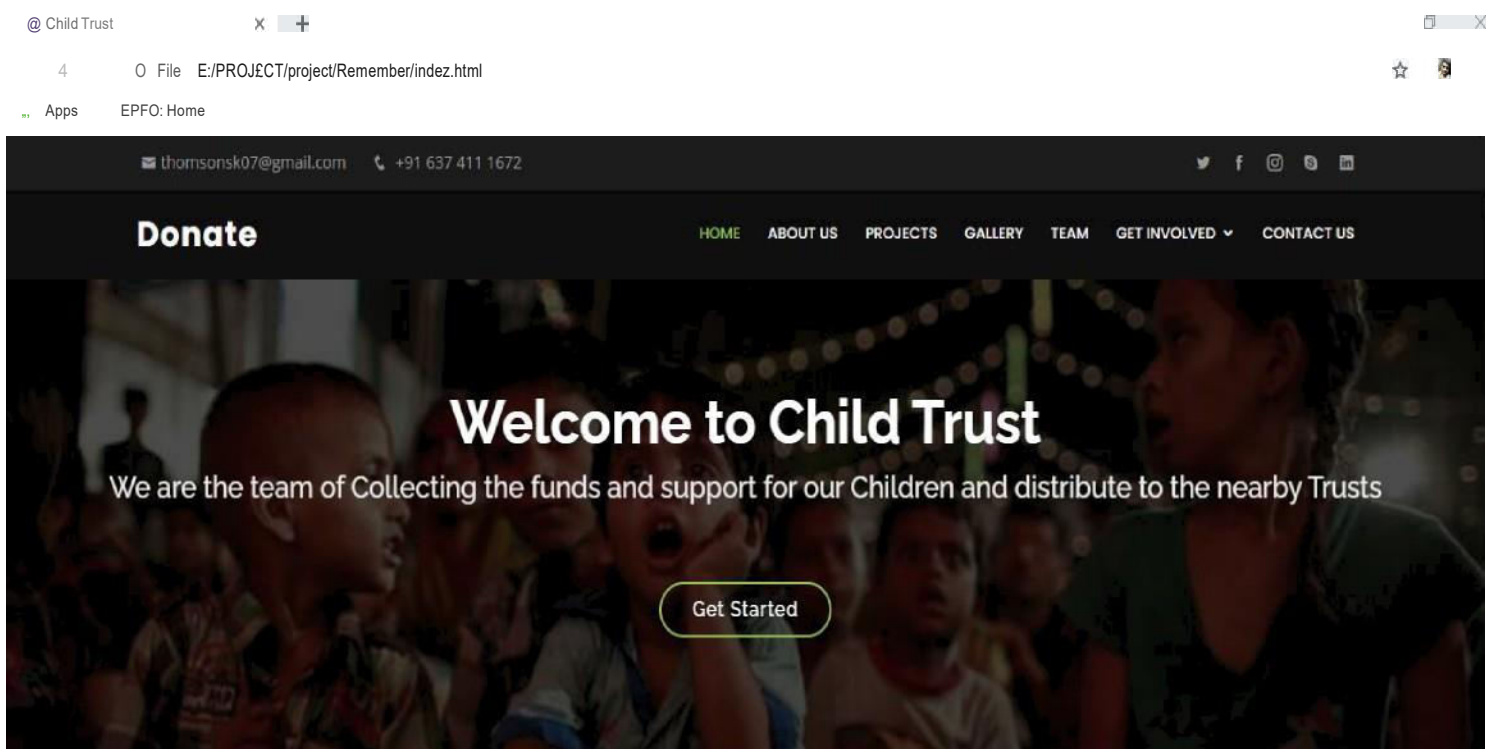
Font-family: "Roboto", sans-serif; Google Font The Google Fonts API does more than just provide the font files to the browser, it also performs a smart check to see how it can deliver the files in the most optimized format. When the browser makes a request to the API, Google first checks which file types the browser supports. I'm using the latest version of Chrome, which like most browsers supports WOFF2, so the font is served to me in that highly compressed format.

Chapter 4

View of Implemented Algorithms

4.1 Desktop View :

HOME PAGE:



4.2 Website Design Analysis :

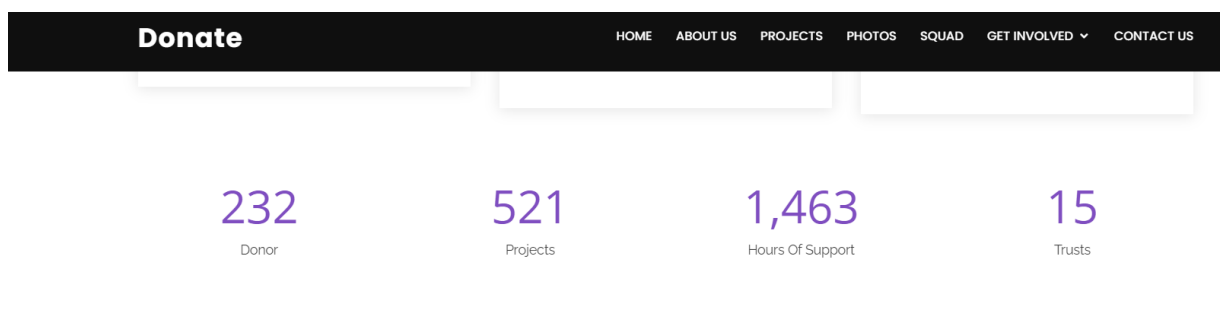
→ You have many options such as :

About us :Where you can know the general idea abouts us . Literally get to know about us .



4.2.1 Projects :

Where you can see, what we are currently working on .You can have a insight of what we do .



This picture indicates the no of Donors , no of project , hours if support , trusts available.

4.2.2 Photos :

You see the photos taken during the time of need and at the time of help of , to those kids in need .

4.2.3 Get Involved :

You can Practically donate money to the area in which you feel there is more help needed.

4.2.4 Contact Us :

If you have more quires, you can always contact us using the contact us button displayed in the top right of the website.

4.2.5 Gmail And Mobile No :

These are displayed in the top left corner of the website , use these to contact info to help yourself.

Donate

HOMEABOUT USPROJECTSPHOTOSSQUADGET INVOLVEDCONTACT US



Google 24 HRS

Redsun Soft. I ei

Map data ©2020 Google Terms of Use Report a map error



Location:

Tailor estate, Kodambakkam, Chennai-24



Email:

Sanjay_b96@gmail.com



Call:

+91 950 059 9851

Your Name

Your Email

Subject

Message

Send Message

Donate

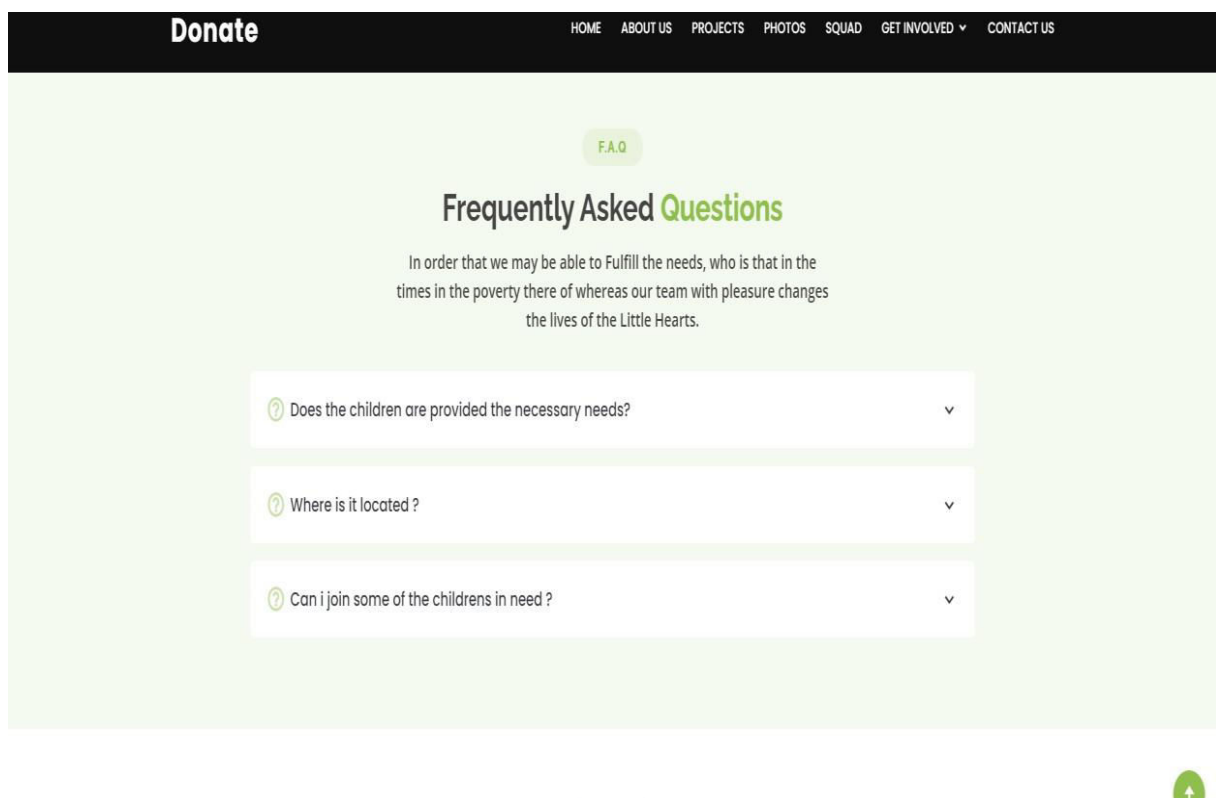


Here Our Location , Email and our Number is given , to help you in the way we can. You can also send us message using the send message option by giving your email address, name and subject .

21

4.2.6 FAQ's :

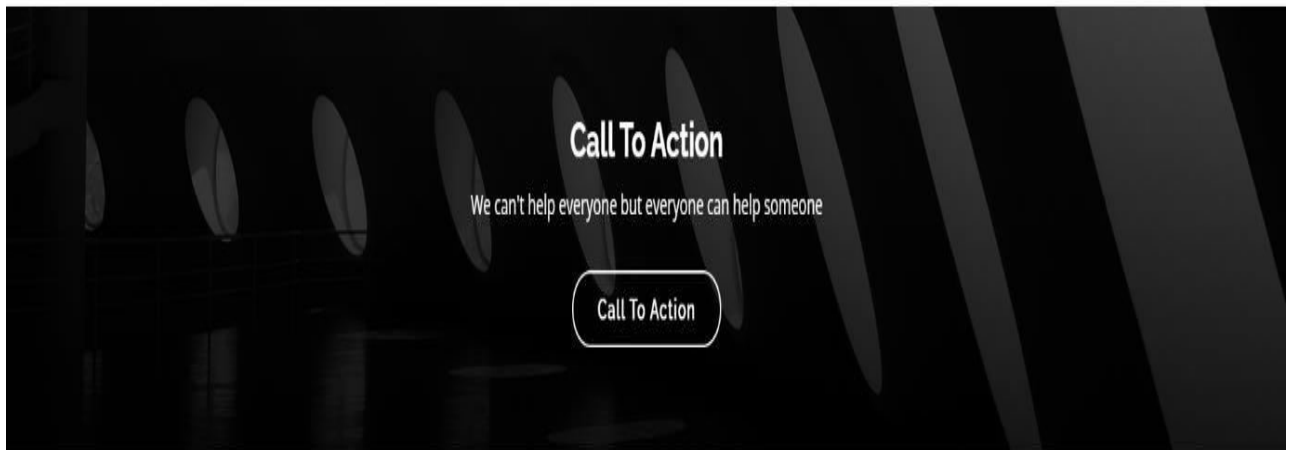
A **frequently asked questions (FAQ)** forum is often used in articles, websites, Email list, and online forums where common questions tend to recur, for example through posts or queries by new users related to common knowledge gaps. The purpose of an FAQ is generally to provide information on frequent questions or concerns; however, the format is a useful means of organizing information, and text consisting of questions and their answers may thus be called an FAQ regardless of whether the questions are actually frequently asked.



4.2.7 Call To Action :

In terms of any information , helps , emergencies always use the call to action button , as you will get an immediate response from our Squad . Who will give you instruction on what to do and what not to , as you access your satiation with them .

Using CTA you can send message or call to our operator live . And it will be toll free number.



SERVICES

4.2.8 Check Out Our Gallery :

- ➔ Click Photos
- ➔ Gallery pops up , Check out latest work

Donate

[HOME](#) [ABOUT US](#) [PROJECTS](#) [PHOTOS](#) [SQUAD](#) [GET INVOLVED](#) [CONTACT US](#)

Check our Gallery

Here are some pics which our childrens takes part in happiness



Happiness

that smile...!



Care

Our special care



Fulfilment

Smile on face appears when we get fulfilled



5. CONCLUSION

- Charity has become so convenient and easy, that anyone can donate for anything right from their living room, with just a few clicks.
- This has evolved more with the emergence of smartphones, where now, you can donate from anywhere and anytime, with a wireless device connected to the Internet.
- Now you can search for almost any websites and their type of service online, without having to go anywhere physically.
- Donating products through an online medium is one of the best way to make a contribution. Through an Charity website, you can easily donate large amount of money at once.
- There are so many benefits of Charity website. And that is the reason why many people ,children are becoming better and better , thanks to the contribution of the good soles around the world who keep on contributing for a better tomorrow .