**GOVERNMENT COLLEGE OF ENGINEERING, SALEM**

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**SUBJECT :** WEB TECHNOLOGY

**TITLE :** HELPING HANDS

**ASSIGNMENT NO :** 03

**INTRODUCTION:**

This website is used to help the people, who are affected by the disaster. To the areas affected by disaster, we are providing our site to register and make phone calls and tell their needy to us and get all the needed stuffs and help from our websites. If we look at the disasters that have taken place earlier, we can easily say that nature is not merely responsible for them to happen. They happen due to other reasons too. This is why we have classified them in different categories. First comes the natural disasters which are caused by natural processes. They are the most dangerous disaster to happen which causes loss of life and damage to the earth. Furthermore, we have man-made disasters. They are the results of technological hazards or man’s carelessness. Some of the man-made disasters include fires, nuclear explosions or radiations, oil spills, transport accidents, terrorist attacks and more. Nature has little or no role to play in these types of disasters.As no country is spared from any kind of disasters, India also falls in the same category. In fact, the geographical location of India makes it a very disaster-prone country. Each year, India faces a number of disasters like floods, earthquakes, tsunami, landslides, cyclones, droughts and more. This website is to help the people, who are affected by this kind of disaster. Donaters are volunteers who are willing to donate. Needy people have to register their needs and donaters donate based on the needs. This website will act as a intermediate between donators and needy.

**ABSTRACT:**

Helping hands connects the donaters and needy people to reduce the gap between them. It reduces the time of transactions. Users, who are willing to denote have to register themselves under the donate category using their email. After registering, the user can login to the website and start denoting. They have register their personal details, contact details and donation details in the Helping hand Donation Form in the funds for disaster affected people page. Then user can pay using payment options like Debit/ATM card, Net banking, Credit card. Users details are verified by sending otp to user mobile numbers. Once the users is verified and payment transaction is successfull, the payment receipt is display. needy people can have to register to the Help category. They have to fill the detaisl like their name, mobile number, address and description of the disaster. Once the data is registrated, the Successfully Registrated message is display with the details. Authentication is not required for needy people.

Front end is design using HTML, CSS, JS and Bootstrap in a user friendly environment. Html stands for Hyper Text Markup Language. HTML is the standard markup language for creating Web pages. HTML describes the structure of a Web page. Css stands for Cascading Style Sheet. Css is a computer language for laying out and structuring web pages.JS stands for Javascript. JavaScript can update and change both HTML and CSS. JavaScript can calculate, manipulate and validate data. Bootstrap is a free and open-source CSS framework directed at responsive, mobile-first front-end web development.PHP is used for backend of the website. Php is a widely-used, open source scripting language. Php stands for Hypertext Processor. Php scripts are executed on the server. XAMPP is a free and open-source cross-platform web server solution stack package developed by Apache Friends, consisting mainly of the Apache HTTP Server, MariaDB database, and interpreters for scripts written in the PHP and Perl programming languages.This website is runned in the localhost using apache server.  XAMPP provides two essential components for its installation – Apache, which is used to create the local server, and MySQL which you can use as a database for your website. The xampp mysql is used to store the user details as a database.

**MODULES:**

* Home
* Donate
* Help
* About us

**SOFTWARE REQUIREMENT:**

* Operating System : Window 10
* Front End : Html, Css, Javascript, Bootstrap
* Back End : Php, MySql
* Platform : Visual studio, Xampp, Web browser

**HARDWARE REQUIREMENT:**

* Processor :i3 processor
* Ram : 4 GB or 8 GB
* Hard Disk : 500 GB HDD
* Input Device : Keyboard, Mouse
* Output Device : 15.6 LCD Monitor