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# Orphanage Helping System

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## ABSTRACT

An orphanage is a residential institution devoted to the care of orphan-children whose parents are unwilling or unable to take care of them. Need for each of the orphanages varies in different categories such as food, clothes. Most of the people would like to help the orphanages but the major problem is that they have any idea on how to approach these orphanages. The main objective of this application is to develop a centralized site for orphanages.

## I. INTRODUCTION

This project is used to manage wastage cloth and foods in a useful way. Every day the people are wasting lots of foods. So we have to reduce that cloth and food wastage problem through online. If anyone has wastage foods and clothes they are entering their cloth and food quantity details and their address in that application and then the admin maintain the details of orphanage helping system. And the orphanage collects foods and cloths from donator through orphanage helping system. After receiving the food from the donor by admin and give food information to that donator. If the donators need any detail about the orphanage with helping thought they can collect the orphanage details in the orphanage helping system.

In addition to examining the waste decision in economic terms, it will be important to explore the heterogeneity across consumers when making these decisions. In other words, we may be able to identify that, in general, consumers will be more averse to wasting food and cloth when the cost of that food and cloth was high or when there is a replacement readily available.

While many reports and food and cloth waste reduction initiatives in the public and private sectors identify households (consumers) as one of the biggest sources of food and cloth waste, there has been little research to understand how households actually make decisions on throwing out food and cloth.

"Food and cloth waste is a component of food and cloth loss and occurs when an edible item goes unconsumed, such as food and cloth discarded by retailers due to undesirable color or blemishes and plate waste discarded by consumers."

## II. MODULE DESCRIPTION

**Admin module**

In admin module, the administrators maintain the food and cloth details as well as the orphanage details. And the administrator manages the food and cloth booking details.

**Orphanage details**

In this module maintain the orphanage details which like orphanage name, address, email, mobile no, these are manage in this module.

**Orphanage login**

In this module orphanage can login with their unique username and password. And the orphanage views the list food details and cloth details.

**Restaurant Module**

In this module, the donators give the wastage of food to the orphanage. The donators add their food details, the purpose of to collect the wastage food. Such as restaurant name, mobile number, address, mail id and food details etc.

**Restaurant login**

In this module, Restaurant can login and maintains the food details. Such as add food details, list food details.

**Cloth details**

In this module, the donators give the wastage of cloths to the orphanage. The donators add their cloth details, the purpose of orphanage collect the wastage cloth. Such as donor name, mobile number, address, mail id and cloth details etc.

**Cloth login**

In this module, cloth can login and maintains the cloth details. Such as add cloth details and add list cloth details.

**Booking details**

In this module, maintains the food and cloth booking details. It can also maintain the donator's details. The orphanages are booking the food and cloth from the donator. After collect the food and cloths the orphanage gives the information for the donator. It contains orphanage name id, orphanage name, and mobile number, address and mail id etc.

## III. SYSTEM SPEICFICATION

### 1. HARDWARE SPECIFICATION

| | | |
|---|---|---|
| Processor | : | Intel core i7 |
| SSD | : | 512 GB |
| Ram | : | 8 GB |

### 2. SOFTWARE SPECIFICATION

| | | |
|---|---|---|
| Operating system | : | Windows 10 |
| Coding Language: | PHP | |
| Data Base | : | MYSQL |

### SOFTWARE FEATURES

**About PHP**

PHP is a powerful server-side scripting language for creating dynamic and interactive websites. PHP widely used; free and efficient alternative to competitors such as Microsoft's ASP.PHP is perfectly suited for Web development and can be embedded directly into the HTML code. The PHP syntax is similar to pearl and C.

PHP is open source that it is readily available and absolutely free. Stability, flexibility and speed are chief qualities that attract to choose PHP.PHP have multiple extensions and is extremely scalable.

**Server-side scripting**

This server-side scripting is the most traditional and main target field for PHP. Programmer needs three things to make this work. Programmer need to run the web server, with a connected PHP installation. Programmer can access the PHP program output with a web browser, viewing the PHO page through the server. All these can run on your home machine if programmers are just experimenting with PHP programming.

**Command line scripting**

Programmer can make a PHP script to run it without any server or browser. Programmers only need the PHP parser to use it this way. This type of usage is ideal for scripts regularly executed using croon (on*nix or Linux) or Task Scheduler (on Windows). These scripts can also be used for simple text processing tasks.

**Features of PHP**

- PHP runs on different platforms (Windows, Linux, UNIX, etc.)
- PHP is compatible with almost all servers used today.
- PHP is free to download from the official PHP resource: www.php.net.

**About MYSQL**

MYSQL is an open-source relational database management system (RDBMS) is developed, distributed and supported by MYSQL AB. MYSQL is a popular choice of database for use in web applications MYSQL can be scaled by deploying it on more powerful hardware, such as a multi-processor server with gigabytes of memory. MYSQL is easy to use, yet extremely powerful, secure, and scalable. And because of its small size and speed, it is the ideal database solution for Web sites.

**MYSQL is a database management system**

A database is a structured collection of data. It may be anything from a simple shopping list to a picture gallery or the vast amount of information in a corporation network. To add, access and process data stored in a computer database we need a database management system such as MYSQL server. Since computers are very good at handling large amount of data, database management system plays a central role in computing.

**MYSQL is a relational database management system**

A relational database stores separate data in separate tables rather than putting all the data in one big storeroom. This adds speed and flexibility. The SQL part of "MYSQL" stands for "Structured Query Language". SQL is the most common standardize language used to access database and is defined by the ANSI/ISO SQL standard. The SQL standard has been evolving since 1986 and several versions exist.

**MYSQL software is open source**

Open source means that it is possible for anyone to use modify the software. Anybody can download the MYSQL software uses the GPL (GNU General Public License), to define what we may and may not use do with the software.

**MYSQL Server works in Client/ Server or embedded systems**

The MYSQL database software is a client/server system that consists of a multi-threaded SQL server that supports different backend, several different client programs and libraries, administrative

tools and a wide range of Application Programming Interface(APIs). A large amount of contributed MYSQL software is available:

Modern day websites seem to be relying more and more on compel the Structured Query Language is a very popular database language, and its standardization makes it easy to store, update and access data. One of the most powerful SQL servers out there is called MYSQL and surprisingly enough, it's free.

Some of the features of MYSQL include: Handles large databases, in the area of 50,000,000+records. No memory leaks. Tested with a commercial memory leakage detector (purify). A privilege and password system which is very flexible and secure, and which allows host-based verification. Passwords are secure since all password traffic when connecting the server is encrypted.

**Features of MYSQL**

**Client/server Architecture:** MYSQL is a client/server system. There is a database server (MYSQL) and arbitrarily many clients (application programs), which communicate with the server. The clients can run on the same computer as the server or on another computer.

**SQL Compatibility:** As before said SQL is a standardized language for querying and updating data and for the administration of a database. Through the configuration setting sol-mode we can make the MYSQL server behave for the most part compatibly with various database systems.

**Stored procedures:** Stored procedures (SPs for short) are generally used to simplify steps such as inserting or deleting a data record.

**Triggers:** Triggers are SQL commands that are automatically executed by the server in certain database operations INSERT, UPDATE, and DELETE, MYSQL has supported triggers.

**Replication:** Replication allows the contents of a database to be copied (replicated) onto a number of computers to increase protection against system and to improve the speed of database queries.

**Platform independence:** MYSQL can be executed under a number of operating systems. The most important are Apple Macintosh OS X, Linux, Microsoft Windows, and the Unix.

**Speed:** MYSQL is considered a very fast database program.

**EXISTING SYSTEM**

In existing system if anyone have extra cloths and food because of any restaurant, function or in their home it will be become waste because instantly there is no way to share with anyone if they are having lots of food. Even if they want to give that extra food and cloth to any orphanage or poor people they don't have time or don't have an idea about that. So that we have create an application for sponsor that extra food and cloth to poor people or nearby orphanage.

**DISADVANTAGES OF EXISTING SYSTEM**

- They limited foods and cloths are collect and limited cities.
- No effective communication between users.
- Difficult on entering the donator details and their orphanage details
- The food and cloth Information's per day is unable to find.

**PROPOSED SYSTEM**

In proposed system we are reduce that food wastage using that application. This project is food and cloth redistribution is an enormously successful social innovation that tackles cloths, food waste and food poverty. The admin adds the orphanages and donors details. Then the orphanage collects foods and cloths from donor. After receiving the food from the agent by admin to that donator through this way we can reduce food wastage problem.

**ADVANTAGES OF PROPOSED SYSTEM**

- The reports generated can be saved for future references.
- Customize ads to fit individual or donor details.
- Convenient and easy to use.
- Easy to identify the donator who have been send for the food in orphanage.
- Easy to maintain the reports of the donator and orphanage detail.

## IV. SYSTEM DESIGN

**1.FILE DESIGN**

System design is the process of planning a new system to complement or altogether replace the old system. The purpose of the design phase is the first step in moving from the problem domain to the solution domain. The design of the system is the critical aspect that affects the quality of the application. System design is also called top-level design. The design phase translates the logical aspects of the system into physical aspects of the system.

**2. INPUT DESIGN**

The data, which is input to a computer – based information system, must be correct. If data is carelessly input and errors enter the system, it will lead to incorrect results whose consequences will be expensive and embarrassing to the designer. In data

processing, the data entry operator often makes errors. This can be controlled by input design by using menu, interactive dialogue, consistent format etc.

In this system the users are provided with user friendly pages to give the input and if the user gives any wrong input validations are done and message boxes are provided in the necessary places. The message specified in the message box is specified in a polite and in an informative manner.

System is interactive dialogue, which simplifies the data entry or access, instead of remembering what to enter. User can choose from a list of options and type it in the cursor position. This will reduce the number of corrections while entering the data

.

**3. DATABASE DESIGN**

The database design involves creation of tables that are represented in physical database as stored files. They have their own existence. Each table constitute of rows and columns where each row can be viewed as record that consists of related information and column can be viewed as field of data of same type. The table is also designed with some position can have a null value.

The database design of project is designed in such a way values are kept without redundancy and with normalized format. Refer the appendix for screen shots of database design.

**4.OUTPUT DESIGN**

The proposed system is a web oriented system and hence it does not provide any reports. The output results are viewed in the web pages itself. Outputs from the computer system are required primarily to communicate the result of processing to users. They are also used to override a permanent copy of the results for later consultation. The output reports and input documents should be documented in terms of data content and approximate layout; it is not necessary to define the methods of presentation. It is possible to work back for the output data items are derived by calculations or by logical deduction.

## V. SYSTEM IMPLEMENTATION

Implementation is the stage in the project where the theoretical design is turned into a working system and is giving confidence on the new system for the users that it will work efficiently and effectively. It involves careful planning, investigation of the current system and its constraints on implementation, design of methods to achieve the change over, an evaluation of change over methods. Apart from planning major task of preparing the implementation are education and training of users. The implementation process begins with preparing a plan for the implementation of the system.

According to this plan, the activities are to be carried out, discussions made regarding the equipment and resources and the additional equipment has to be acquired to implement the new system. In network backup system no additional resources are needed. Implementation is the final and the most important phase. The most critical stage in achieving a successful new system is giving the users confidence that the new system will work and be effective. The system can be implemented only after thorough testing is done and if it is found to be working according to the specification. This method also offers the greatest security since the old system can take over if the errors are found or inability to handle certain type of transactions while using the new system. As the part of system testing we execute the program with the intent of finding errors and missing operations and also a complete verification to determine whether the objectives are met and the user requirements are satisfied. The ultimate aim is quality assurance.

## VI. CONCLUSION

The application works according to the restrictions provided in their respective browsers. The application satisfies the Admin. The speed of the transactions become more enough now. The website creation is the web designing project created for displaying the details about the web portal using the coding languages like Html & CSS for designing. The interface are so designed and channeled the admin can never make any mistake while using the application, till the time either they save or cancel the current operation all other operations are blocked. This project has been successfully developed and interpreted and system was developed according to the admin requirements. The system produces accurate results and it also reduces a lot of overheads, which the manual system faced. The information requirements may still increase.

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