

Project Synopsis

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Elective	Orphanage Management System
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ORPHANAGE MANAGEMENT SYSTEM

Orphanage connecting Application is being developed for the welfare of the orphanage and can be used by NGOs for co-operative social work.

PROBLEM STATEMENT

Rapid population increase in the number of homeless children and orphans due to HIV/AIDs and poverty is motivating factor to creation of new facilities to accommodate them. However, the more the children are, the more the files, papers and filing cabinets are required for the record management. Some children from the orphanages also run away after feeling that they are not comfortable with the conditions such as hunger and health. What if these records are backed up? It would be easier to manage the records.

In managing records, planning and budgeting for the children in these orphanages, they use manual system which is unreliable, inaccurate and misarranged. Integrity, transparency and accountability on these records becomes a major issue if the records are altered in order to benefit one or some of the employees. There have been several cases where responsible employee adds fake 'children' to records in files for financial gain. There are also circumstances in which children are lost and then accommodated in the orphanages. To make it easier to parents to get their lost children, referring manual systems for the information is tiresome. Generating reports from manual records in file is a hectic task requiring one to manually get the records from the different files and compile them to one report.

The problem experienced in the current system is that: records can be misplaced and damaged. It is difficult to make changes on physical records, information is subject to unauthorized modification as a result of insecurity.

Therefore, to curb the above problems, I propose to develop an Orphanage Management system. The system removes the time and place constraints thus information from the orphanage and children home can be accessed anywhere at any time. It can be accessed on any devices as well. The System is not only suitable for small medium orphanages but also provide various benefits such as easier generation of reports, faster access and search of information, secure access to information and reliability by authorized users.

OBJECTIVES OF RESEARCH

The objective of this application is to develop a centralized website for orphanages. To provide facilities of various social activities in a single website and mobile app. People can adopt the children and they can donate through online.

- The main goal is to develop a web application for managing records in an orphanage/children home.
- Collect and analyze the data on information of entities in an orphanage.
- Adoption - People or the users those who likes to adopt the children from the orphanages can adopt the child by adhering rules and regulations of the orphanage.
- Fund transfer - Amount which are given by the users will be sent to the admin account. admin will transfer that particular amount to the orphanages which have been registered.
- To design and improved and convenient system.

RESEARCH METHODOLOGY

This chapter outlines the approaches that these orphanages use to manage information. i.e., study of the existing systems, how they operate, their strengths and weaknesses. It will also provide the method and approach that is used to analyze, design and develop the orphanage application. The budget required to run the project from the beginning to the end is provided in this chapter.

Existing System:

The existing system is a manual system and there are many difficulties in maintaining and handling it. The drawbacks of the manual system are,

- Ledger books should be maintained for each entry.
- Every time to make a new entry the previous records have to be referred.
- Maintaining the data manually has no security.
- To generate a report, every time the ledger books have to be searched which is time consuming.
- They need financial help for education, clothes, medical and food, so it's difficult to manage these all things for them

The system, which is followed at present, is a manual system. In the existing system each and every time a reference should be made manually. There are high possibilities to commit errors and mistakes, which leads to produce the wrong statements to the management. Report generation is also not an easy task.

Draw backs of existing system

The existing system is a manual system. Here the employees need to save the information in the form of excel sheets or Disk Drives.

- There is no sharing is possible if the data is in the form of paper or Disk drives.
- The manual system gives us very less security for saving data; some data may be lost due to mismanagement.
- It's a limited system and fewer users friendly.
- Searching of particular information is very critical it takes lot of time.
- It is very critical to maintain manually call records of customers, because call center receives huge no of calls per a day.
- It is a tedious job to maintain different customers are asking different service details, normally to solve these queries are not easy so the automated system will be helpful.

Proposed System:

To debug the existing system, remove procedures those cause data redundancy, make navigational sequence proper. To provide information about users on different level and also to reflect the current work status depending on organization. To build strong password mechanism.

Features of proposed system:

We all know the importance of computerization. The world is moving ahead at lightning speed and everyone is running short of time. One always wants to get the information and perform a task that he/she/they desire(s) within a short period of time and too with amount of efficiency and accuracy. The application areas for the computerization have been selected on the basis of following factors:

- Minimizing the manual records kept at different locations. There will be more data integrity.
- Facilitating desired information display, very quickly, by retrieving information from users.
- Facilitating various statistical information which helps in decision-making?
- To reduce manual efforts in activities that involved repetitive work.
- Updating and deletion of such a huge amount of data will become easier.
- Charity or donor can contribute some amount for orphanage's education, medical related things and food.
- Food Providers can share their details by using this application so that they can provide food weekly once or twice etc.
- People can check the adoption details of children and anyone can provide helping hand to Orphanage children.

LIMITATION

Accessing records. It was difficult to get access to all the operations involving records in some of these orphanages. Access to website is limited to the admin, user and the organization. It would require a reliable internet connection for the application to operate. The security of the application would depend on the integrity of the user.

Work Plan (Week 1 to Week 8)

Week No.	Activities Completed
Week 1	a) Project title finalization. b) Collection of Primary data. c) Creating and submitting synopsis.
Week 2	a) Studying reference model to design new model. b) Requirement analysis. c) Designing DFD and ER diagram for database.
Week 3	a) Gathering information about Project and design database structure. b) Designing & developing Sign up page (change password & Forgot password pages to fetch the user information into admin from database). c) Testing Administrator Module.
Week 4	a) Designing & developing the Caretaker module. b) Testing the caretaker module. c) Designing and developing Accounts Module.
Week 5	a) Testing the accounts module. b) Designing and developing User module. c) Testing the User module.
Week 6	d) Testing all the modules along with regression test for combining all modules to verify existing system working or not. e) Connecting all the modules and Database. f) Adding validations where required.
Week 7	a) Overall Testing the project. b) Creating report. c) Collecting snippets of code.
Week 8	a) Preparation of final report. b) Making changes in the report if required. c) Submission of final report.