

Child Orphanage Automation System

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Abstract: The main objective for this project is to make a software that can store information about the orphanage children and maintains details in a database such as family details, child details, adopter details, sponsor information and payroll information thereby man work can be reduced. The “CHILD ORPHANAGE AUTOMATION SYSTEM” is developed using VB.net as frontend and SQL Server as back end. The software loaded into the system and it can perform many operations like generating bill, recording payments and adjustments in financial reports by tracking and updating the children activities, immunization records, managing class schedules so on. It reduces complexity and there is no need of paper and pen work. With this the manual work of the organization can be reduced fully and the systematic work can be implemented to make the organization work process easier and reduce the time

Keywords: Software, Computer Technology Department, Child, Adopter

I. INTRODUCTION

The child’s Adopter and sponsors manage records in the child orphans organization. The child is identified by unique id. Further the software allows generating billing records of child and adopter also. Not only for child, has it stored information about the sponsor. So it can be used to generate paychecks, store in and out time etc. The software can store information for unlimited number of children. It maintains a database of family, child, adopter, sponsors information and payroll information all that requires is just a computer with the software loaded that can perform many operations like generating bill statements, recording of payments and adjustments and financial reports, tracking and updating the children activities, health records, managing class schedules etc. So it reduces complexity, as there is no need of any paper and pen work. Moreover it costs less to have a computer instead of having large number of people for various works like one for managing accounts and other for storing records of child and so on.

Developing the software for orphanage is an attempt to make the things (current process) simpler, easier and efficient. There are many goals for which the software is developed such as:

- Reduces complexity.
- Cost less
- Efficient

II. METHODOLOGY

Implementation is the stage of the project when the theoretical design is turned in to a working system. The most crucial stage is achieving a successful new system and is giving the user’s confidence is that the new system will work and be effective in the implementation stage. This stage consists of,

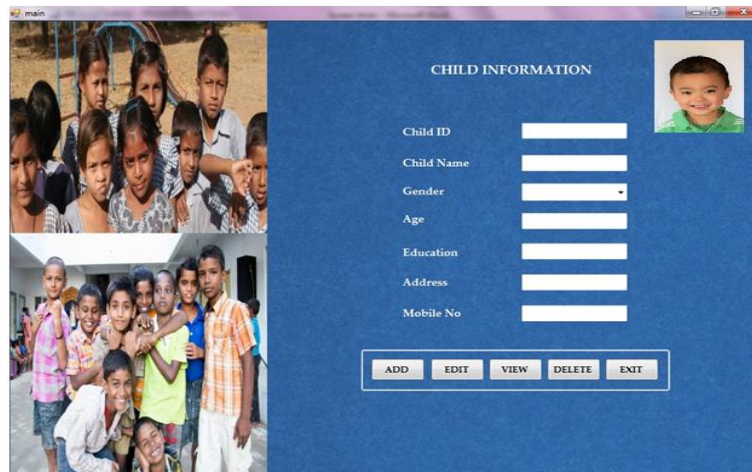
- Testing the developed program with sample data
- Detection and correction of errors
- Testing whether the system meets user requirements
- Creating filters of the system with actual data
- Making necessary changes as desired by the user
- Training user personnel

It involves careful maintaining, investigation of the current system and it’s constrains and implementation, design of methods to achieve the change over, and evaluation of change over methods. Apart from maintenance, there are two major tasks of preparing for implementations are education and training of users and system testing. The system has been tested with sample data and adequate corrections were made as per user requirements. The user has very little chances of making data entry errors since enough validation checks and validation error message are provided in the system. The end user with minimum amount of computer knowledge will able to key in the data and understand the error messages. All reports have been found to satisfy their requirements.

III. WORKING MODULE

The different working module used in this software

A. Child information module: Is used to store child information like child name, child id, gender, age, education and so an. This module is helps to manage child information of the orphanage.



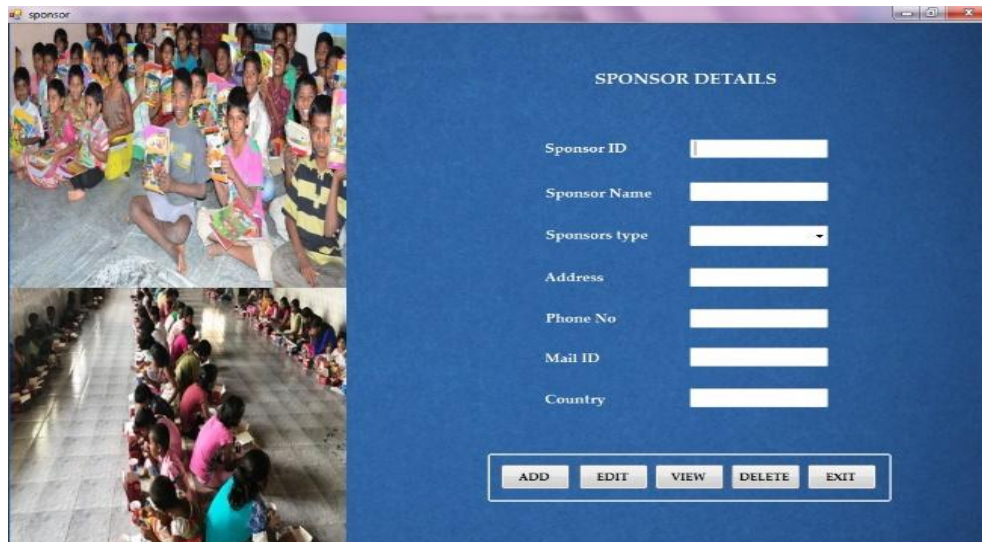
B. Adopter information module: Is helps to manage adopter information like adopter name, marital status, age, job detail, monthly income, address, phone, mail, country etc.,



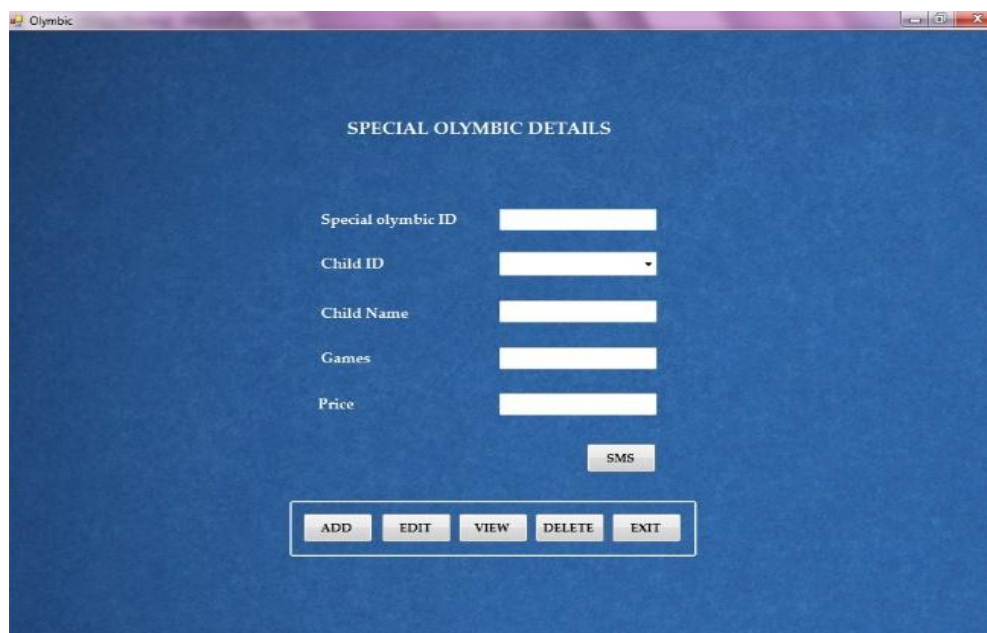
C. Expense detail module: This helps to manage expense details like monthly details, food expense, dress expense, education expense, medical expense, total expense details etc.



D. **Sponsor details module:** This is used to store and manage sponsors information like sponsor id, sponsors name, gender, phone number, mail id, country, address etc.,



E. **Special Olympics with SMS alert:** This is used to maintain the specially cared child special id, child id, child name, games, price, sponsor id, sponsor name etc.



IV. PROPOSED SYSTEM

The need for the proposed system arises from the limitations of the existing system, which is a manual one. To develop user friendly software that meets the user needs any time. Information can be created and altered by administrator.

- The code is easy to understand
- Large volumes of data can be stored with ease
- Security is assured
- Maintenance of file is flexible
- Stored data and procedures can be easily edited
- Easy report generation
- Less manpower required.

V. SCOPE AND FUTURE ENHACEMENTS

There is a wide scope for future development on this software. The world of computer fields is not static it is always subject to change. The technology which is famous today will become outdated very next day. To keep abstract of technical improvements, the system may be refinement. So it is not concluded. Yet it will improve with further enhancements. It is essential to change the software when new software arrives with more advanced feathers. So it is much necessary for further development. Further enhancements can be done in an efficient manner with disruption to the system.

VI. CONCLUSION

In this a full-fledged computerized organization, and to enable the transaction details to maintain records, which makes of the orphanage easier.

Thus, the proposed system has been developed with more flexibility without compromising on the response time. Computerization of the entire system will enhance more accuracy and reduces major part of clerical works. Fast, clear and legible reports can be generated without any ambiguity. Integrated database design and ease of maintenance is a major advantage of the system. User friendliness is a unique feather of the system. Hence by developing a system that is user-friendly in nature, many users are able to work on the system with computer knowledge and training.

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