

**MOUNT KENYA UNIVERSITY**

**SCHOOL OF PURE AND APPLIED SCIENCES**

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**RELIEF FOOD DISTRIBUTION MANAGEMENT SYSTEM**

**A CASE OF: YATHUI REDCROSS SOCIETY**

**BY**

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## ABSTRACT

The activities of the Yathui redcross society food distribution in terms of records keeping has for a long time been a huge problem to the service as there are no proper facilities in place to ensure that they are able to store and retrieve information on members very quickly. Records keeping are still done using files which have to be shelved once that file is full and then replaced with another and so when the need comes to get information on members, they will have to look through the old files according to the dates they assume the information could have been stored and then go through all files that were recorded during that period until the file is found.

The researcher used Object Oriented System Analysis And Design to develop the system which followed the following stages to accomplish the development of the system: - System Analysis-System analysis system development phase was my first phase of development. In this phase, I interacted with the users of the system to find out the user requirements and did an analysis of the system to understand the functionality of the system. System Design-System Design phase was the second development stage where I illustrated the overall design of the desired system. The system is organization of modules interacting with each other. While designing the system as a set of interacting modules. Object Design-In this system development phase, I implemented the details of the analysis and system design. The Objects identified in the system design phase were designed. Here the implementation of these objects was decided as the data structures got defined and also the interrelationships between the objects were defined.Implementation-During this phase, I translated the class objects and the interrelationships of those classes into actually coded using PHP programming language. I also come up with the databases and the complete system was given a functional shape.The complete Object Oriented methodology revolves around the objects identified in the system. When observed closely, every object exhibits some characteristics and behavior. The objects recognize and respond to certain events.The following resources were used in the development process of the system; Microsoft Windows 7, MySQL, PHP. The project cost Ksh.39, 500 to accomplish it.