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Welfare Foundation System

Submitted to: Miss Saman

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Project Description

This system provides the functionality of managing a small scale **welfare foundation** which collects its donations in the form of **amount**. A Relational Database Management system is implemented in back-end of the system and its client program is designed on **C++ programming language**.

The system stores the **yearly** record of donation by Donor providing the unique ID to every Donor.

All Data management functionalities can be implemented on this record with this Donor ID. Further the system provides the functions to calculate total count of donation **monthly** and **yearly**. With the help on Donor ID user can also get the total of contributions by the Donor.

Donors Information Table is also designed for Organization management. User can add, search and modify Donors status. Here a Donor is only deleted from organization if it's donor with no contributions otherwise user can change its **status** from Active to Un-active.

Besides that, the organization can also set its **Targets**. The system provides the functionality of managing Organization Targets.

Organization can also retrieve its **Accomplishments** records and also manipulate it with the provided functions.

Furthermore, Organization **members** can be added, updated and deleted in Member's section.

And **User section** is also provided to manipulate users. Users that are present in users table can only access the organization client program.

Lastly each component of system is provided with a **Testing** class to test the user input.

Project UML

Model::Main

