

INSTRUCTIONS

for using the

NGO Management System

Prepared by:

Anirban Haldar (20CS10008)

Ayush Kumar Dwivedi (20CS10084)

Ketan Gupta (20CS30026)

Indian Institute of Technology, Kharagpur

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Objective

The primary goal of the software is to maximise the productivity of the NGO and minimise the time spent on tasks that can be easily managed using computer software thus saving on much of their valuable time and money. Here, the donors can donate money/ other items as per their wish. A database maintains a record of all the data pertaining to the list of the children and donors. It also helps the NGO (as Admin) to keep track of all the monetary expenses and expenditure and to efficiently implement the donations in a proper and effective way.

Project

The NGO Management System is fully implemented using the JAVA programming language and makes use of MySQL for database management. It comes with a simple to use, interactive and user-friendly GUI for the various types of users of the system. It is also quite flexible in nature and can be easily extended beyond its current intended purpose to almost any kind of NGO/ any other such related organisations or bodies that need it. The simplicity of the implementation makes it extremely fast and robust, while taking care not to lose its sophistication in the process. It provides an exhaustive list of features that makes the donation implementation process very smooth for all concerned parties. A well-built and executed software will help the NGO(s) attract more donors and sponsors. Further, it will also enable better utilisation of the resources at their disposal.

Setup and Build Instructions

Pre-requirements

JAVA Runtime Environment

JAVA Swing

Apache Netbeans IDE

JAVA DataBase Connectivity (JDBC)

MySQL Server running at port 3306 Port

Setting up User

First we need to open up mysql in the terminal and login as root.
Then we run the following command to create a new user:

```
> CREATE USER 'akd'@'localhost' IDENTIFIED BY 'helloakd';
> GRANT ALL PRIVILEGES ON * . * TO 'akd'@'localhost';
```

Now a new user has been created.

Next, we login as this user:

```
$ mysql -u akd -p (enter password as 'helloakd')
```

When prompted for the password, we enter: 'helloakd'.

We run the setup.sql file to setup the database of the Project:

```
> source <path to sqlsetup.sql>
```

Finally, we can build the project in Apache NetBeans and run it.

Features

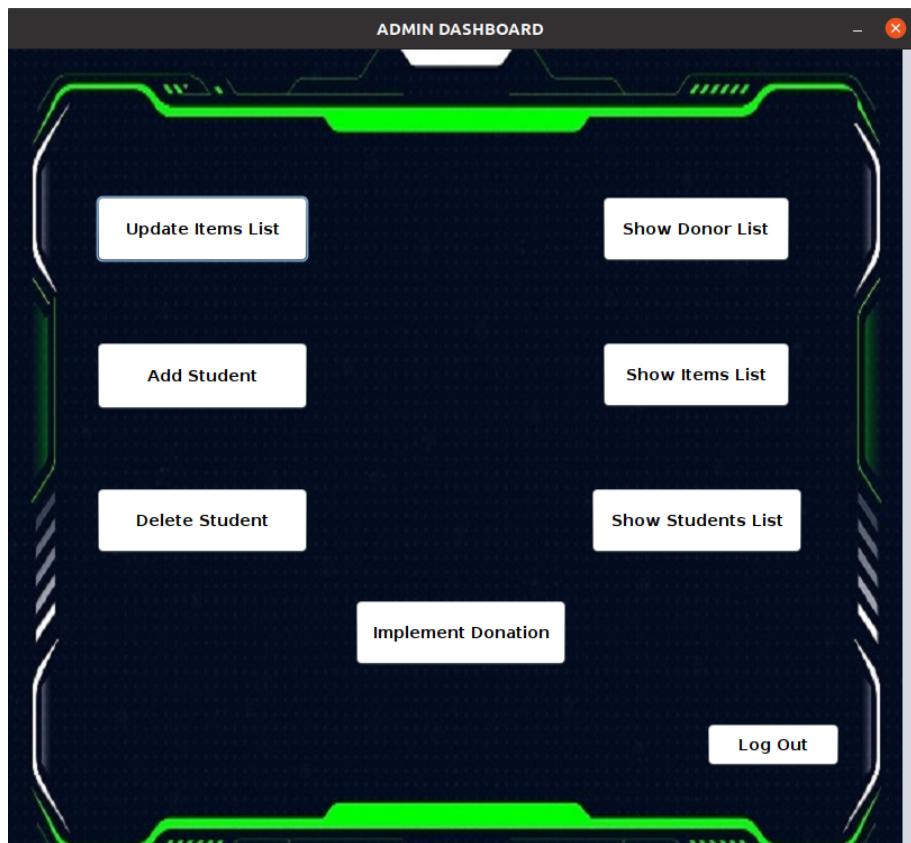
- Provides two levels of privileges: Admin and Donor



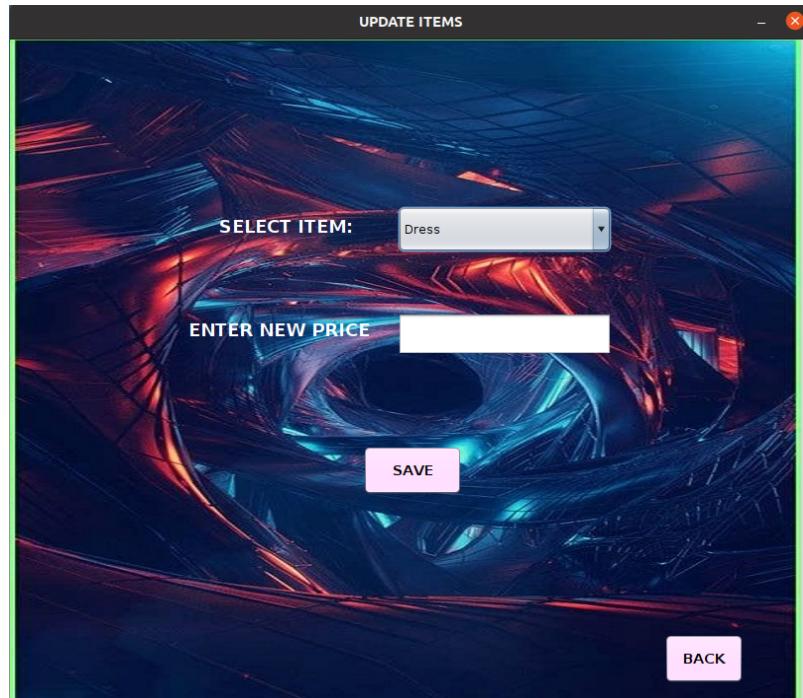
- The Admin corresponds to the main operator of this software who has administrative access and has the power to add or delete students, update items list, access all details and implement donation.



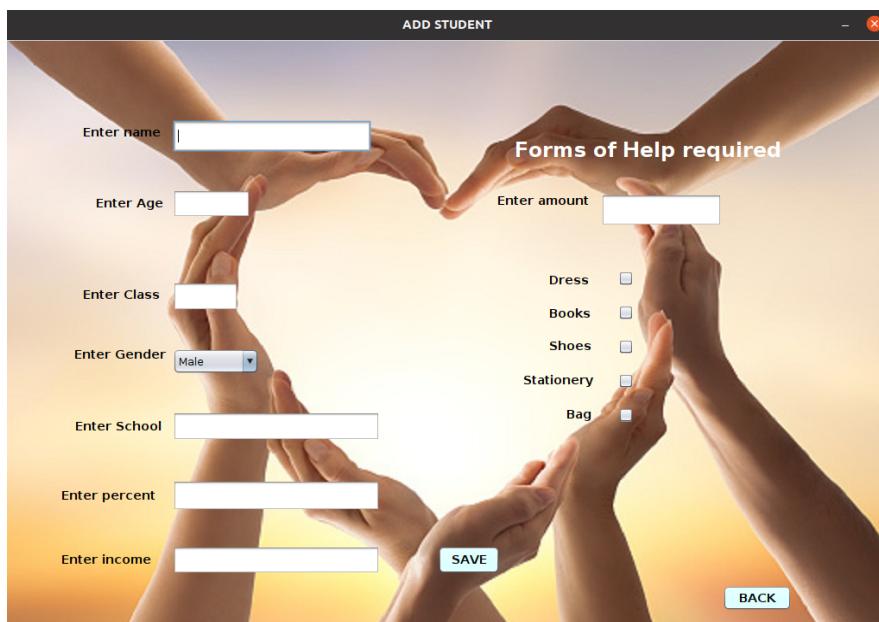
- The Admin dashboard displays all the actions that the admin can perform.



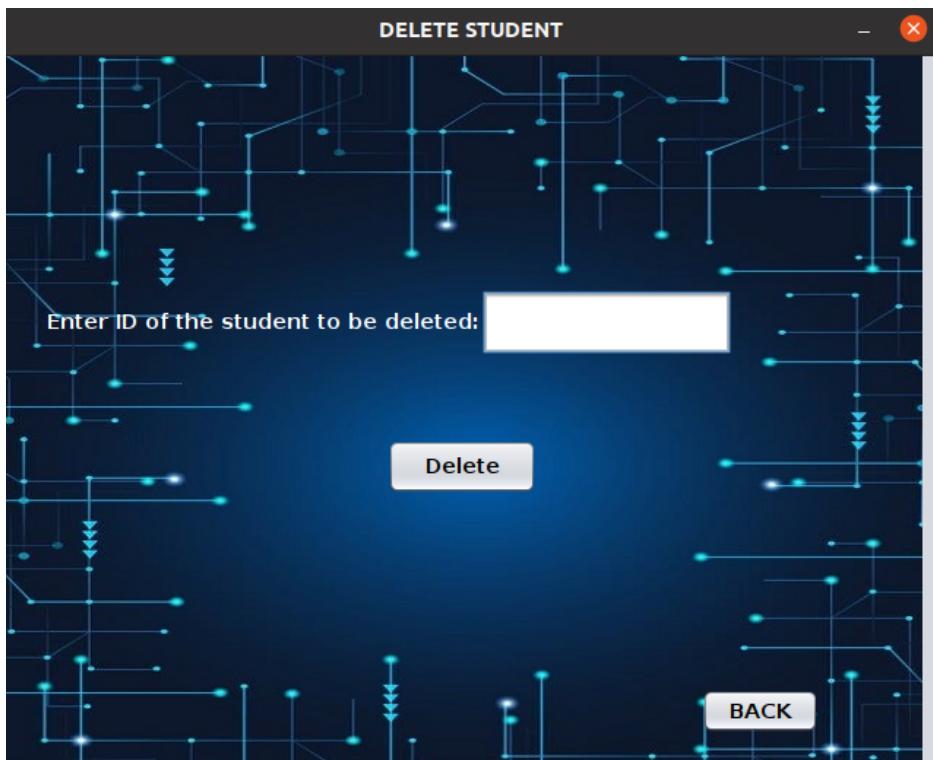
- ‘Update Items List’ allows the admin to update the prices of the non-monetary items required by the students.



- Adding student details is one of the prime jobs of the admin of the software. These details are further used to decide the order of donation.



- Deleting any student detail is a must feature to be held by the admin. The admin can simply enter the id of the student to be deleted.



- The admin has the power to view the current donor list, updated items list and current students list.

SHOW DONOR LIST

DONOR DETAILS

ID	Name	Username	Password	Email ID	Phone No.	Residence
1	Marcus	marcus	marcus	marcus@gmail.com	9495969798	B-2, Berlington Col...
2	Marcus Jr.	marcusjr	marcusjr	marcusjr@gmail.com	9495969790	B-3, Berlington Col...

Show

Back

SHOW ITEMS LIST



ITEM DETAILS

ID	Name	Rate	Quantity
1	Money	1	3000
2	Dress	700	3
3	Books	800	1
4	Shoes	200	0
5	Stationery	300	1
6	Bag	100	1

Show

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SHOW STUDENTS LIST



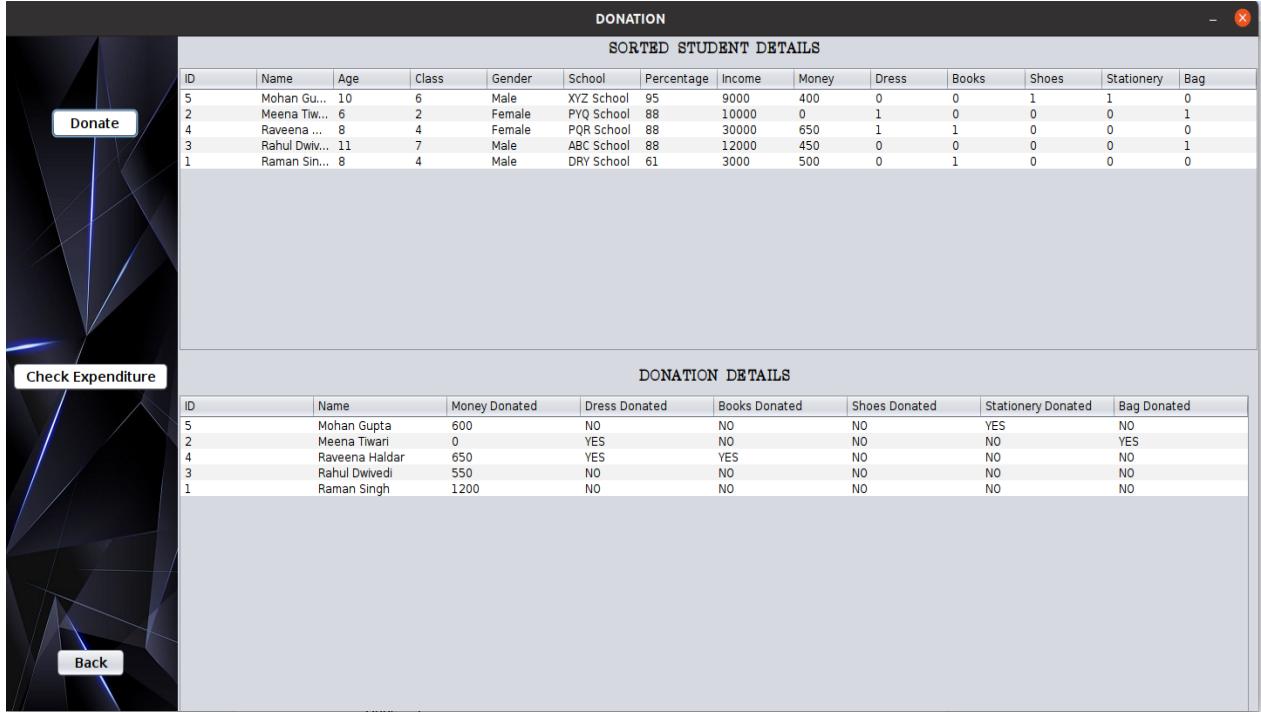
STUDENT DETAILS

ID	Name	Age	Class	Gender	School	Percentage	Income	Money	Dress	Books	Shoes	Stationery	Bag
1	Raman Singh	8	4	Male	DRY School	61	3000	500	0	1	0	0	0
2	Meena Tiwari	6	2	Female	PYQ School	88	10000	0	1	0	0	0	1
3	Rahul Dwivedi	11	7	Male	ABC School	88	12000	450	0	0	0	0	1
4	Raveena H...	8	4	Female	PQR School	88	30000	650	1	1	0	0	0
5	Mohan Gupta	10	6	Male	XYZ School	95	9000	400	0	0	1	1	0

Show

BACK

- The admin has the right to implement donation and see the final donations made to the current students in the database as per the available funds, available items and donation criteria.



The screenshot shows a window titled "DONATION" with two tables. On the left, there is a sidebar with buttons for "Donate", "Check Expenditure", and "Back".

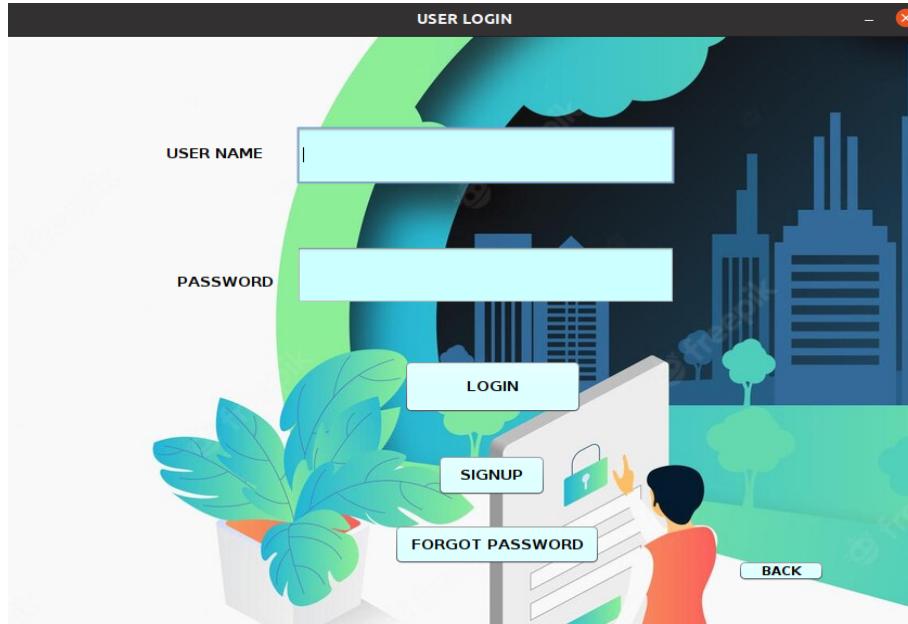
SORTED STUDENT DETAILS

ID	Name	Age	Class	Gender	School	Percentage	Income	Money	Dress	Books	Shoes	Stationery	Bag
5	Mohan Gu...	10	6	Male	XYZ School	95	9000	400	0	0	1	1	0
2	Meena Tiw...	6	2	Female	PYQ School	88	10000	0	1	0	0	0	1
4	Raveena ...	8	4	Female	PQR School	88	30000	650	1	1	0	0	0
3	Rahul Dwivedi	11	7	Male	ABC School	88	12000	450	0	0	0	0	1
1	Raman Sin...	8	4	Male	DRY School	61	3000	500	0	1	0	0	0

DONATION DETAILS

ID	Name	Money Donated	Dress Donated	Books Donated	Shoes Donated	Stationery Donated	Bag Donated
5	Mohan Gupta	600	NO	NO	NO	YES	NO
2	Meena Tiwari	0	YES	NO	NO	NO	YES
4	Raveena Haldar	650	YES	YES	NO	NO	NO
3	Rahul Dwivedi	550	NO	NO	NO	NO	NO
1	Raman Singh	1200	NO	NO	NO	NO	NO

- The donor login is available with the signup and forgot password options also.



DONOR SIGNUP

NAME

USER NAME

PASSWORD

EMAIL ID

PHONE NO.

RESIDENCE

Agree to terms and conditions

SIGNUP **BACK**

FORGOT PASSWORD

USER NAME

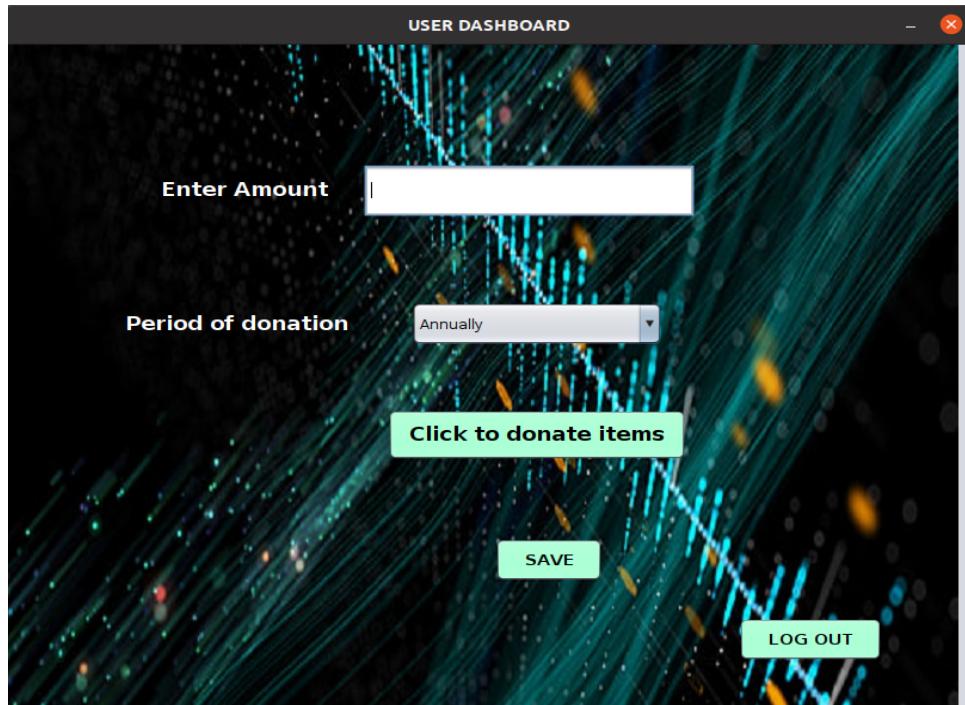
EMAIL ID

PHONE NO.

GET PASSWORD

BACK

- The User Dashboard allows the user (donor) to donate monetary amounts either annually/ semi-annually.



- The Add Items allows the donor to make non-monetary donations of various kinds by selecting from a dropdown list and also specifying the quantity along with it.

