Charity Accounting Portal for ENABLE

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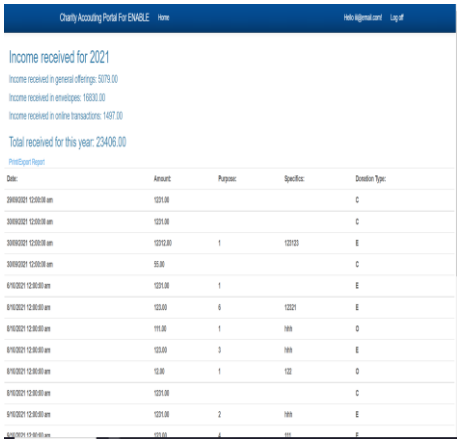
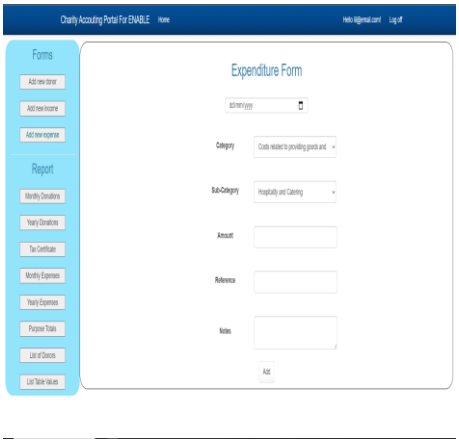
Homepage for the application



Report for yearly income



Expenditure form

INTRODUCTION

The project 'Charity Accounting Portal for ENABLE' is a web application to be used by the ENABLE organisation. This application will help manage and show information for the organisation such as donors, donations and expenses made. Users will be able to add new data to be stored into a backend database. Using this database, reports can be generated to show the data in an organised way. These reports can then be printed out or exported.

This project is being created because the client currently uses excel spreadsheets to hold all this data. Using spreadsheets has been found to be tedious for him and wishes to have a system where processes can be automatic. He wants this application to create the reports for him by querying the database to speed up the creation.

DEVELOPMENT

Since the team consisted of two team members, we decided that splitting the tasks between us tried to time them so we finish at the same would be best. This is so we can review each other's work at around the same time.

For the development of the project, we started with the design phase including getting the requirements from the client, so we know exactly what he wants. The design phase was also the place where we created the wireframes for the application to get an idea of how it could look.

Before we started creating the code, we created a database to store the data. We created 6 tables total to hold all the required data. This was done with SQL.

Next, we started coding, we decided to code in Visual Studio using the ASP.NET MVC framework. We started the front-end design. This used HTML, CSS, and JavaScript for dynamic changes. Coding the backend came next, we started with the input form development. We created 3 types of forms, adding donors, donations, and expenditure.

The next step was to create the reports. This was done by querying the data using an entity framework that gives us easy access to the database.

CONCLUSION

The final product does fulfil its target purpose. It can help clients simplify the financial process. All financial data can be stored in the database, which is easy to query. The management of donors is also more convenient. At the same time, reports can be created that helps the clients better understand the financial situation.

However, we did not manage to host this application on the client's website and the reports are simple and not suitable for the client's need at this time. This application is a good base for now and is robust enough so that further development can be done to make it more suitable and complete for the client or potential new clients.