SFCS

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Security First Custom Systems

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# Introduction

The current system will allow the organization the ability to add accounts, donations, dues, employees, events, funds, permissions and news bulletins to their web app. The current functionality means that they will be able to allow their employees to have accounts, with correct permissions giving them access to area of the app dependent upon their current role. This also allows customers the ability to create their own accounts as well and assign them basic permissions upon account creation.

# Registering/Login

Upon visiting the site, the user is limited to only view specific pages that are available to the public. For someone to be able to interact more with the website, they must create an account.

Graphical user interface, application

Description automatically generatedIf the user already has an account, they can go to the login section and sign in.

If the user is new to the website and wishes to create an account, all they must do is click the register link and fill out the form.

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# Donations

If visitors to the website would like to make a donation, they have two ways to do so. The first way is an anonymous donation, and the second is by making an account.

Graphical user interface, text, application, email

Description automatically generatedFor an anonymous donation, all the user must do is navigate to the donation button at the top of the page. After that, all they must do is fill out and submit the form with the correct information.

The second way to donation is by making an account. If the user would like to keep a record of their donation for future reference, they can make an account. After the account is made the process of donating is the same as above.

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# Permissions

Each account type has different access permissions based on the type of account in question.

**Admin level account permissions**

* An account with admin permissions has full access to everything on the website and the attached database.
* They can view, edit, and delete data from the database. Along with those permissions, an admin account can change the account permissions of other accounts as well.

**Staff/Employee level account permissions**

* An account with employee permissions has more limited access to the website and the attached database.
  + Only able to add and view the data in the database

**Regular user-level account permissions**

* An account with regular account permissions can only have the ability to view things related to their account only.
  + Their account information, donations, or events they have signed up for.

**No account**

* Users with no account will only be able to view things that are public like upcoming events, news updates, and they can donate anonymously should they want to.

# The dashboard

The dashboard is an area of the website that, depending on the users’ account permission level, gives the user access to different areas of the website and attached database.

**The dashboard with admin permissions**

* Graphical user interface, text, application

  Description automatically generatedThis account has permissions that allow access to all the things listed.

**The dashboard with no permissions**

* This account has no permissions so nothing is displayed.

Graphical user interface, application

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*All pictures displayed above are subject to change and do not reflect the look of the final project.*

# Installation

Installation is very easy when it comes to this project, whether you want to run it locally or on a Instance of SQLServer. This version has a connection string in place to look for a version of the database and if deployed and published has another way in place that it can connect to an instance of SQLServer.

**Installation Steps**

First download all attached documents, including the C# file as well as the MDF files for the SQLServer database.

Secondly download visual studio if not already downloaded. Then open the .sln file.

Lastly, the files should open and present the code of the program in its entirety. To run the program, click IIS Express. It is a big button with a green play button to the left of it on the nav bar.