Team Firewall

Two-step Authentication Login

Analysis Class Report

Revision History

Authors	Description of Change	Sections	Rev	Date
Team Firewall	Initial Release			3/13/18

Table of Contents

1   Team Description

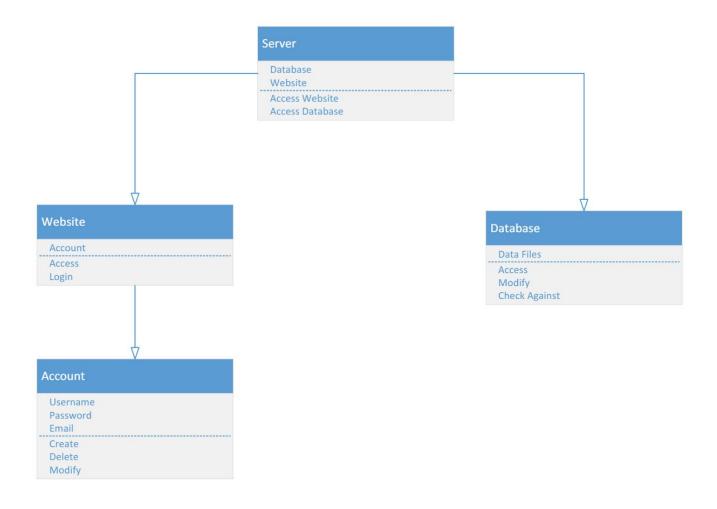| Team Member Name	Email Address
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2   Project Description

Statement of Purpose: Allow users to create an account with a 2-step authentication service

Detailed Description: Upon creating an account from our website, the user is forced to use the 2-step authentication service. The 2-step authentication is a protection service that reduces the chance that the user gets hacked. It adds an extra layer of protection by forcing the user to access their email in order to login to the website. This will prevent an outside user from accessing your account if they know your email and password.

2.1 Analysis Class Diagram

2.2   Analysis Class List

Sequence Number	Analysis Class
1	Account
2	Website
3	Database
4	Server

2.2.1   Account

Description: User account that stores the user's username, password, and email.

Methods:

- Create account
- Delete account
- Modify account info

Attributes:

- Username
- Password
- Email

2.2.2   Website

Description: Acts as the user interface for interacting with an Account.

Methods:

- Access Account
- Login

Attributes:

- Account

2.2.3   Database

Description: Stores the account information.

Methods:

- Access
- Modify
- Check against

Attributes:

- Data files

2.2.4   Server

Description: Hosts the website and the database.

Methods:

- Access Website
- Access Database

Attributes:

- Database
- Website