

# **Team Firewall**

## **Two-step Authentication Login**

### **Analysis Class Report**



***Revision History***

<b>Authors</b>	<b>Description of Change</b>	<b>Sections</b>	<b>Rev</b>	<b>Date</b>
Team Firewall	Initial Release			3/13/18
Gyromee	Filled in the class list			5/8/2018

## **Table of Contents**

<b>Team Description</b>	<b>5</b>
<b>Project Description</b>	<b>5</b>
Analysis Class Diagram	6
Analysis Class List	7
Account	7
Website	7
Database	8
Server	8

## 1 Team Description

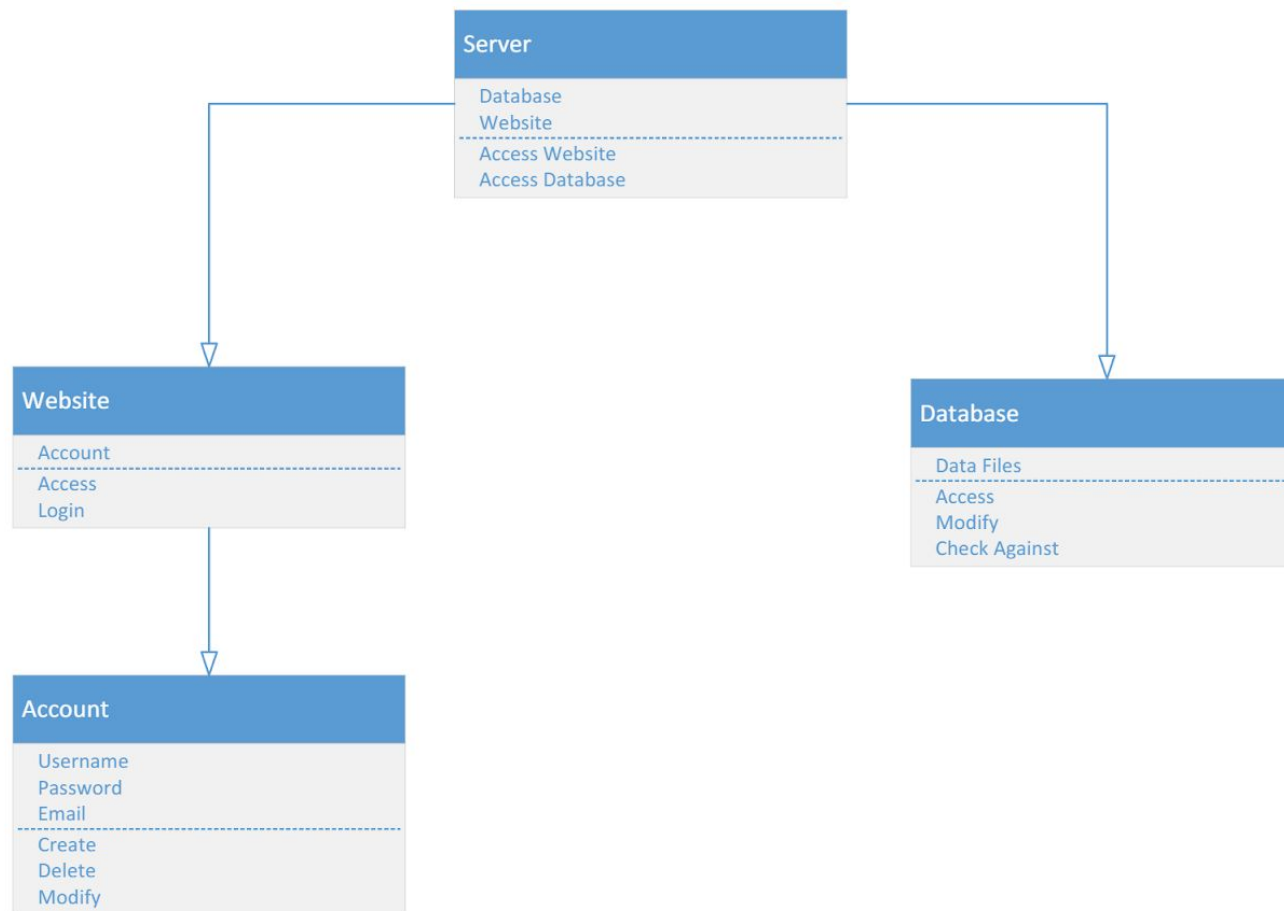
Team Member Name	Email Address
Gyromee Hatcher	gyromee@csu.fullerton.edu
Gabriel Varela	gabrielv@csu.fullerton.edu
Ivan Rosales	irosales@csu.fullerton.edu
Mevin Chen	mevin.chen@csu.fullerton.edu
Meng-Shen Kuan	mengkuan@csu.fullerton.edu

## 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 username 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