**Use Case Name:** System Login

**Participating Actor:** Staff

**Entry Conditions:** A user attempts to login to the system

**Flow of Events:**

1. The system displays a login form, with a submit button and a forgot password button

Case 1: User presses forgot password button

1. System contacts an admin

2. Admin changes the users password and informs them of the new password

2. The user enters their user id and password

3. The user presses the login button

4. The form is submitted and processed

5. The password is hashed using sha-256 (It’s not stored in the db)

6. The user table is searched for the entered username

Case 1: Username is found

Case 2: Username is not found

1. The system prompts the user to enter the correct username and password

2. The system locks out the user after a certain amount of failed login attempts

7. The encrypted password is compared to the stored password

Case 1: Passwords match

Case 2: Passwords do not match

1. The system prompts the user to enter the correct username and password

2. The system locks out the user after a certain amount of failed login attempts

8. The users privilege level is checked

9. The user id and login time is saved to the log file.

**Exit Conditions:**

The user is logged into the system and brought to a main menu which will have different functionality based on their privilege level