**Use Case Name:** Login

**Participating Actor:** User

**Entry Conditions:** A user wishes to log in to the system

**Flow of Events:**

1. A login form is displayed requesting the following information:
2. username
3. password
4. The user enters their username and password and clicks the login button
5. The system gets the user id for the entered username from the db
6. The system appends the entered password to the end of the user id
7. This string is hashed using sha-256
8. The system checks the users table for a user with matching user id and password hash.
9. The user is found
10. The user is not found. The system notifies the user that their username or password is incorrect

**Exit Conditions:** User is logged into the system.