Iteration 3 software Updates

November 29, 2019

Aggie STEM Digital Library

Summary

The Aggie STEM Digital Library currently has three main views for manage users, message users, and user profiles which was update to handle asynchronous edits and actions such as sending and creating user text or email messages. In addition to the view and controller updates a access level restriction has been applied to each page that allows only specific users to load specific views within their access level. Lastly, a one way hash with Werkzeug has been implemented for user passwords and a unique key for each session to validate forms and user cookies.

List of Updates

Maomihz Github User --

- Password and security answers hashing
- Secret key for session and cookies
- Fixed a bug in the Database.py script
- Function to encrypt previous data in database

Unknown Github User – DJ Beyette

- Access level restrictions for views
- Manage Users View
    - Editable table with asynchronous updates to database
    - Also allows for deletion of records
    - Feedback from edits
- Message Users View
    - Select by group button
    - Send message button
        - Calls server with ajax to send text message
    - Create message button
        - Bootstrap modal popup to generate message
- Message and Manager users controller
    - Access level restriction query
    - Data callback and ajax post request to send updated data to tables and users
- Fixed bugs in user_model.py
- Change template views navbars
- User profile message box in the top right to notify users for updates/messages
- Form page to fill out data request and email to the senior doc user account
- User profile View and Controller
    - Updates to pull correct data
    - Allow changes for those with a access level of 2 or greater
    - Upload profile image
    - Send a user a message if access level is 2 or greater