Detailed Implementation

Kelowna Talks

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a. Login/Logout Page -
   i. Login Page is an implementation where users can login to their already registered accounts. Fields are validated through javascript (validate.js) files. Both fields are required so it is checked that both these fields are filled. Login form when submitted passes the form to login.php file using post method. Connections to the database are done using 'configure.php' and password is hashed using md5. It is then checked in the database whether username and hashed password match, if they match then the user is logged in and redirected to index.html which is the main page for logged in users. If the username and password are not found with a matching pair in the database then an error message is shown with links to signup.html and guest home page.
   ii. Logged in users have access to logout where the session is destroyed and the user is given links to the guest homepage and log in page. The user is also shown a message saying that they have been successfully logged out.

b. Sign Up/Registration:
   i. Unregistered users have limited usage, that is they cannot create posts, or comments. All unregistered users have an option to sign up to KelownaTalks using the Sign Up button on the top header. Users can create an account by submitting information such as username, password, email address, first name and last name. Javascript form validation is done for the sign up page similar to the login page. Password match validation is also done. Fields will be highlighted in red if the passwords don't match, or if any of the required fields are not filled. Once sign up is successfully completed, the user is redirected to the main page for logged in users where they have access to log out, change password,and edit profile.

c. Edit Profile
   i. Here the user can edit their profile where they can change to a new username, update first name, last name email. Changes are made through php where old username and password are matched then updates are made. Successful profile updates show a message and links to different pages. If the attempt is unsuccessful, a corresponding error message is shown.

d. Create a Post:
   i. Users are able to create posts on different categories such as Events, News, Sites to see, and Business threads. Furthermore,both users and non users can view all threads posted in all these different categories. Moreover, both users and non users can also view the Gallery thread as well as live Weather thread. PHP inserts the post to

the sql database with the username logged in. Once successful it can be seen by all users and non-users under the corresponding category.
- e. Add a comment
  - i. Users can add a comment through the comment box under every post. Non users can only view the comments but not create one. When a comment is submitted to comment.php it is checked whether the user is logged in. If not, an error message is shown saying that one needs to be logged in to be able to add a comment. If the user is logged in the comment is inserted to the comment table in the database and can be seen under the corresponding post.
- f. Admin Implementation
  - i. Admins are able to enable/disable users. Admins can also search users which are found on finduser.html. Here admins can search by username. Once submitted it is sent to finduser.php which uses sql querying to search for the user's info in the database. Then the user's info such as full name, email are printed out in the format of a table. Admin's do not have access to users' passwords.

2. LIMITATIONS TO THE SITE:
   - a. Backend styling is too basic
   - b. Ad