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COSC 360

Project Part 1

Layout Document – Picture Attached

* The document layout I have prepared for My discussion board is a simple 2 column layout with a header and navigation bar and footer. I was able keep my page almost identical to the one I have first planned out. Each page will follow this same layout but each page will contain different elements within the Main Content Area.
* The layout will only change when you change pages where the main content is and when you log in the left side content will appear different with more links to pages such as profile and website sittings

• Organization of pages (How are pages linked?)

* My pages will be link with just basic anchors tags through the navigation bar on each page. The navigation bar will only change if a user is logged in.
* If a user is not logged the post link will not work but will still be there
* The user must be logged in for the post link on the navigation bar to work

• Logic process (How will a user engage with site?)

* The website is a discussion bored, which makes it so there are a two different ways that a user can engage with a site. As a registered user or and unregister user.
* As an unregistered user you will be able to view all the main contents that are posted on the website. A user can click on post links see the discussions happing. The user will have access to all the pages on the website but that will be about the extent of the unregistered user’s access. The unregistered user will be required to navigate to the register page to be able to access the other functionalities of the discussion board
* As a registered user you will have all the permissions as a unregistered user and more.
* After registering, you will have access to 3 more pages. The profile page, post page and the settings page. The profile page will contain a small bio of each user that can be modified at any time by the user. Also it will contain a set of links to post that the specific user has created or commented on.
* Registered user will be able to post new discussion on the website at any time. By pressing the post link the user will be taken to a new page where the user can decide on a topic and content to post to the discussion board. This discussion can be commented on by others and replied on by the user.
* Settings page will be used by a registered user to determine privacy settings for that user.

• Static design and styles of pages • Examples of each page type

* See attached html files

• Client-side validation

* For client side validation there will be different alerts or styling to the page depending on weather the option they are trying to access is available or not
* Examples
  + the post button link will be un-usable and shaded a light color if the user is not logged in
  + If the user tries to log in but leaves fields blank or does not enter the correct information the text field border will turn red and a message will be displayed to the user to enter the correct information
  + When registering all information has to filled in or the text field border will turn red and the user will be prompted to fill in correct information
  + When posting a new thread the user will be asked through a prompt if they are sure they want to post, making sure they double check their content so they can post what they mean to

• Client-side security

* For client side security, when creating passwords for new account, the password will first be salted using MD5 hashing algorithm. This should provide sufficient security for each user will trying to login or create a new user account.
* The user will sign in with a e-mail address and password to make sure that each account is unique