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Web Application Proposal: Discussion Forum

FEATURES

Register
A user must register an account if they want to join a subforum or if they wish to create a thread. The user must enter a username, password, display name, an optional display picture, optional interests, and an optional bio.

Log in
After registering, the user can now opt to log in to the forum and start to join subforums and threads. The user will only be able to join subforums, reply and react to a thread if they are logged in to the forum.

Log Out
The user can log out from the discussion forum. Once logged out, the user cannot reply to a subforum or thread.

Account Settings
A user can view their account details including their display name, username, password, display picture, interests, and a short bio. The user can also edit their account details. Deactivating and deleting the user's account will also be available in the account settings.

View User Profile
A user can view his own profile or other users' profile to view their information and create threads.

Search Subforum
A user may search for a specific subforum. When a user enters a word, all subforums that are related to the word will appear as results.

Join Subforum
A user can join a subforum to create, comment, like, or dislike a thread.

Leave Subforum
Unsubscribe to a specific subforum. Once a user unsubscribes to a subforum, they will no longer be able to create a thread under the said subforum.

View Subforum
Display all threads under a specific subforum. A user may like or dislike threads that they are viewing in the subforum.

Create Subforum
A user can create a subforum for a certain topic.

Delete Subforum
The owner/creator of a subforum can delete the subforum along with all the threads on it.

View Recent Threads
Upon visiting the web page, the user may see the recently created threads of the subforums they joined. Each result includes the thread title and a snippet of its body.

Create Thread
A user can create a thread under a subforum only if the user is a member of the subforum. The thread contains a body, title, the date created, and the username of the post creator.

Delete Thread
The owner of the thread may delete their thread along with all the replies under the thread.

Edit Thread
The owner of the thread may delete and update the content of their thread.

Search Thread
A visitor/user can search for threads based on the title's keywords across all subforums. The results of the search will show the thread's title and the subforum it belongs to.

Share Thread
A button to share the thread will be available that will give the user the link to a thread that they can share to others or a social media platform.

Reply To Thread
A user can reply to an existing thread.

Delete Reply
A user can delete the reply they created.

Edit Reply
A user can edit or update the reply they created.

Like
A user can vote to like a thread.

Dislike
A user can vote to dislike a thread once.