

1 Documentation

There are six controllers in our project. Their names and methods are as follows:

1. User: This controller defines the following methods
 - (a) Register: It is used for registering the User
 - (b) Login: It is used for User login
2. File_User: This controller defines the following methods
 - (a) home: It is used for displaying a list of files owned by the user when he logs in
 - (b) unshare: When the user clicks on the unshare button of a file, this method deletes all the entries of the file if any from the single user sharing table as well the group sharing table
 - (c) search_file: Searches for a file in all the three possible locations namely the files owned by the user, the files user has received via single user sharing and the files which he has received via group sharing
 - (d) delete: Deletes entries of the files from all the three possible locations mentioned above
 - (e) download: Used for downloading files
 - (f) shared_files: Used for displaying the files which the user has received via single user sharing or group sharing
 - (g) file_share: Used for sharing of files owned by the user
 - (h) shared_file_share: Used for sharing of files which the user has received via sharing
3. Group: This controller defines the following methods
 - (a) group: It is used for displaying the groups of which the user is a member as well as the groups owned by him when he goes to the groups home page.
 - (b) create_group: Used for creating a new group
 - (c) subscribe: Used for joining a group
 - (d) leave: Used for unsubscribing from a group
 - (e) show_details: Used for displaying the members currently subscribed to the group
 - (f) del_user: Used for removing a user from a group
 - (g) add_new_user: Used for adding a member to a group
4. Upload: This controller defines only one method
 - (a) uploadFile: Used for uploading file from the local PC to the the user's web account

We have currently not used the following two controllers since the functionality which we intended to put in them has been implemented in the File_User controller itself

- 5. : SingleShare
- 6. : GroupShare