Clothes Forum

Group Members: Zephyr Zambrano, Chuan-Yao Lin, Jiayi Sun, Donglin Chen

https://github.com/zephyrzambrano/CS-546-Final-Project

Users Collection

Users{userId,userName(like e-mail),password,nickName(showed on the web),[PostId]}

Description: This collection contains all of the data for each of the users. This includes user ids, usernames, passwords, nicknames, and an array of all the IDs of the posts they have made.

userCollection: [
        "User1": {
                "userID": "871982708es312sesde3414",
                "userName": "xxxxxxxxx@xxxxx.xxx",
                "password": "xxxxxxxxx",
                "nickName": "xxxxxx1",
                "postID": ["sadada23....", "sadada22....", "sadada24...."]
        },
        "User2": {
                "userID": "12312321308es312s232324",
                "userName": "xxxxxxxxx@xxxxx.xxx",
                "password": "xxxxxxxxx",
                "nickName": "xxxxxx2",
                "postID": ["sadada23....", "sadada22....", "sadada24...."]
        }
]

Name	Type	Description
userId	ObjectId	automatic generation

userName	String	Email address format
password	String	6-12bit(both numbers and characters)
nickName	String	A string that shows the user's nickname, or display name, on the site
postID	Array of Objectids	Array that stores all post ids from posts that this particular user posted

Posts Collection

Posts{PostId,topic,userId(author),content, [photos], [commentId],[tagString],likeCount,dislikeCount,viewCount,date}

Description: This collection stores all of the data for each post, or forum topic, on the forum. The data for each post includes the unique post id, the topic of the post, the id of the user who posted it, the content of the post, all of the comments made on the post, the tags on the post, as well as data on likes, dislikes, views, and the date it was posted.

```
PostCollections: [
        "post1":{
                "postID": "871982708es312sesde3414",
                "topic":"Jacket",
                "userID": "871982708es312sesde3414"
                "content":"Best jacket forever!"
                "photos": "xxxxxxxxx",
```

```
        "commentId":["871982708es312sesde3414",".........","............."],
        "tagString":["jacket","top","bottom"],
        "likeCount":"2",
        "dislikeCount":"2",
        "viewCount":"2",
        "date":mm/dd/yy
    }
]
```

Name	Type	Description
postId	ObjectID	Automatically generated unique id for the post.
topic	String	Describe what is the post mainly about
userId	ObjectID	User id of the person that made the post
content	String	Post content
photos	array[String]	Array of strings, each string being the url to the photo on the post.
commentId	array[ObjectID]	Array containing all of the ids of the comments people made on this post.
tagString	array[String]	Keywords for those clothes
likeCount	number	How many likes
dislikeCount	number	How many dislikes

viewCount	number	How many views
date	date	The date that the post was made.

Comments Collection

Comments{CommentId,userId(who make the comment),content,date}

Description: This collection stores all of the data for comments made to a specific forum post. It stores the unique comment id, the user id of the person who wrote the comment, the content of the comment, and the date the comment was posted.

```
CommentsCollection:[
        "Comment1":{
                "commetId":"xxxxx",
                "userId":"xxxxx",
                "Content":"xxxxx",
                "date":mm/dd/yy
        },
        "Comment2":{
                "commetId":"xxxxx",
                "userId":"xxxxx",
                "Content":"xxxxx",
                "date":mm/dd/yy
        }
]
```

Name	Type	Description
commentId	ObjectID	Automatically generated. Unique id for every comment.

userId	ObjectID	User id of the person who made the comment.
content	string	The string containing the content of the comment.
date	date	The date that the comment was posted.

Report Collection

Report{userId, PostId,[reasonSelections] }

Description: The report collection stores all of the reports that users have filed on specific posts. It contains the id of the reporter, the id of the post they reported, and the reasonSelections array which is an array of strings. This allows the user to select the reason why they are making the report before filing it.

```
ReportCollections:[
        "report1":{
                "userID": "ssdasdasdsaasd213231assdas",
                "postID": "1232132asdaasd12331321313",
                "reasonSlections": ["spam", "abusive", "etc."]
        },
        "report2":{
                "userID": "ssas2312dsaasd213231assdas",
                "postID": "1231232asdaasd12331321313",
                "reasonSlections": ["spam", "abusive", "etc."]
        }
]
```

Name	Type	Description
userId	ObjectId	The reporter ID
postId	ObjectId	The reported post ID
reasonSelections	Array[String]	Array of reasons for reporting a particular post (spam, abusive comments, etc.)