Forum Application(kouventa)

Final Specifications

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General Description:

This application lets people discuss on different topics based on their interests in a forum-like environment. The Talkers can choose from different categories and Talkers from that category.

Registration (for both Admin and Talker)

The user needs to first register into the application by selecting one of the 2 roles: Talker or Admin. Talker requires a unique username, a password and the basic information like full name , address and phone number. The Admin requires a unique username, a password and a valid key.

Admin

After he logs in he can add, delete or edit the categories. A category contains its name.

Also after he logs in he can block or unblock a Talker.

Talker

After he logs in he can edit his profile.

A talker needs to login in order to see the category list.

He can select a category and start conversations.

Use case explanation:

*Interface*: when the app opens three buttons will appear(**Log in, Register as Talker, Register as Admin**)

**Log in**: when the user clicks this button a new window will appear that has one box for username and one box for password and a Log in button. If the information is correct the user will log in depending on his role(Talker or Admin). If the information is not correct an error message will appear. If the user is blocked by an Admin, a message will appear.

**Register as Talker**: when the user clicks this button a new window will appear where the new user will have to complete the information boxes(username, password, full name and phone number). After the user completes these boxes there will be a Register button and if the username is not taken it will be registered as a Talker, otherwise an error message will appear. All the data will be saved.

**Register as Admin**: when the user clicks this button a new window will appear where the new user will have to complete the information boxes(username, password, full name, phone number and validation key). After the user completes these boxes there will be a Register button and if the username is not taken and the key is valid it will be registered as a Admin, otherwise an error message will appear. All the data will be saved.

*Use cases for Admin*: the Admin can manage categories(add, delete, edit) and also manage Talkers(block or unblock). After the Admin logged in 4 buttons will appear.

***Manage category***: when the Admin clicks this button, three option will appear.

**Add category:** a new chat category will be added. If the category already exists an error message will appear.

**Delete category:** the Admin can delete a chat category. If the category doesn’t exist, an error message will appear.

**Edit category:** the Admin can rename a category. If the category doesn’t exist or the new name is already taken, error messages will appear.

***Manage Talkers*:** when the Admin clicks this button two option will appear.

**Block Talker:** if the Talker breaks the rules of the community an Admin can block the respective Talker.

**Unblock Talker:** after a period of time, the Admin can unblock the user.

*Use cases for Talker*: the Talker can edit his profile, see the categories and discuss with other Talkers.

**Edit profile:** the Talker can change his informations.

**See categories:** when the Talker click this button all the chat categories will pe displayed.

**Select category:** when the Talker clicks a category from the category list, a chat will be opened and the Talker will be able to chat with another Talker.