CAPSTONE PROJECT

COLLABORATIVE INTEREST APPLICATION

ABSTRACT

Consonant is an Android application which is essentially a collaborative interest group app. Once a user installs this app onto any Android device, he/she can register an account via normal/standard email, Facebook or Google email. After doing so, being a user of Consonant, the user can then proceed to build a profile by uploading a profile photo, write a short one-line status and finally select his collaborative interest groups. Having set the preferred collaborative interest groups, the user will see only those threads/posts other users had created, tagged under those common collaborative interest groups, populating his feed. Any user can choose to create a thread or comment on a thread that had been tagged under a particular collaborative interest group. In general comments/threads are reviewed by an administrator by virtue of administrator's choice or as and when a thread was reported by a user. This ensures the quality of content posted in Consonant. If the admin verified that the complaint received is genuine or not, accordingly that thread is removed or the complaining user is notified for his incongruent behavior. A user viewing a particular thread can choose to add a comment to the comment list or perform an action on the thread such as liking the thread or checking the number of views of the thread. All the aforementioned functionalities of the app are accessed via a minimalistic and yet appealing user interface. This is our interpretation/execution of the capstone project for creating a collaborative interest app.

OBJECTIVE

The **main objective** of the capstone project is to build a platform which would enable a set of people to build a knowledge repository on a specific topic or point of interest. Allows people or users to create threads based upon their interest. This can then be shared with a set of people who can add messages, snippets from the web, links to videos/images etc. with comments to this thread. The modules completed in succession are: Login Module which allows the user to register/log into Consonant using standard/normal email, Facebook or Gmail, Profile module which allows a logged in user to make changes to his profile at any time, the Thread module that allows a logged in user to create a thread for a collaborative interest group, search for a thread, comment/view on a thread, report certain threads via a "complain" feature and finally delete/edit threads made by the user.

RESULTS

*The **results** of the capstone project can be best summarized by explaining what a user of Consonant can do. A user can register an account using normal/standard email, Facebook or Gmail, edit his profile by uploading a photo, typing in a name and status. The user can then create a thread by first giving a title, upload a photo, provide a short description and finally tagging the thread under collaborative interest groups. After posting at any time, a user can edit/delete his thread. The user can also view other threads based on his collaborative interest group preferences set in his profile. The user can add his comment to a thread's comment list. Any particular thread that the user perceives as inappropriate can be reported to admin via "complain post" feature. A user can also search for a user/thread with the help of the search module. The set of collaborative interest groups that Consonant has been successfully tested on include: Travel, Education, Sports, Music, Movies, Politics, Coding, Gaming and Vacations. The admin has the final say on what collaborative interest groups will feature on Consonant.*