Brainstorm app

Yellow team

Members:

- Germany: Celine Brauer, Lucas Kössler, Ilyas Bal

- Czech Republic: Marek Havel, Adam Sipták, Joseph Adam Saunders, Petr Novotný, Nikol Hegiyová

- Poland: Norbert Zapora, Natalia Szczygiel

- Italy: Alessandro D'Urso, Luigi Seminara, Manuele Seminara, Mario Muscianisi, Matteo Puglisi, Daniele Muscianisi, Mario Fisichella, Rebecca Sambataro
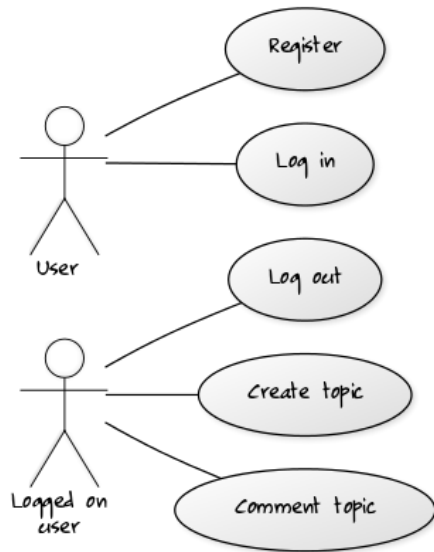
About application

This Android application's purpose is to encourage communication between students from different countries in the form of asking for help in varying subjects such as IT, Math or languages (English, German, etc.).

Problem analysis

Proposal of functionality of the application

[User]-(Register),

[User]-(Log in),

[Logged on user]-(Log out),

[Logged on user]-(Create topic),
[Logged on user]-(Comment topic)
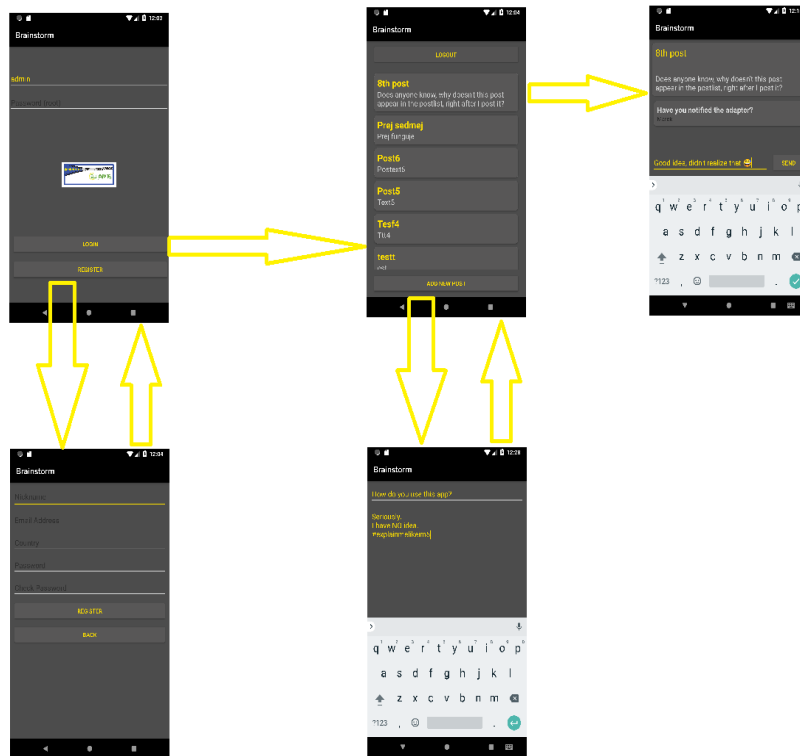
Fig. 1: Application Use Diagram

Solution

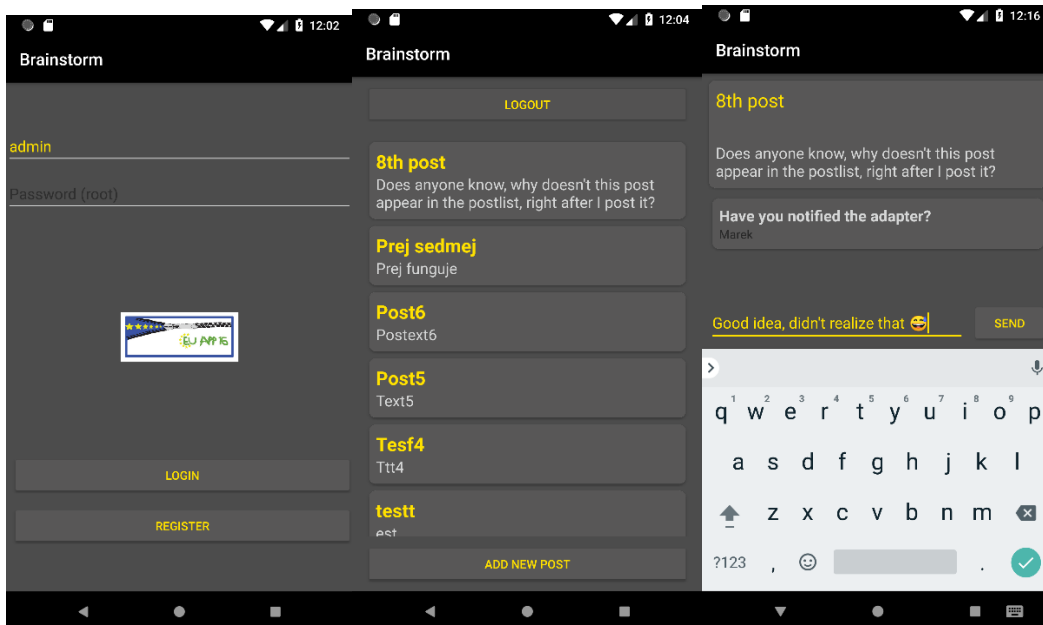*Fig. 2: Application Flow diagram*

Application Screenshots

Fig. 3: Application Screenshots

User manual

 You need Android 4.4+ to run the app and a stable internet connection.

After first opening, you need to register, then login and you see existing topics. Click on add new post and add a topic of your own interest or click a specific topic to show all comments. You can also add comments yourself. For refreshing this view you simply close it and open the topic again.

Results

Thanks to the project, we got a lot of experience with making apps for Android, and how hard is it to put stuff on a server and vice versa.

Not everything went smoothly, but I think it would be very hard to achieve.

In the end, we have done what we planned the whole time. An Android App, with some use of a database and a Raspberry Pi. Bit untraditional method of using both of these, but worked flawlessly.

Amendments

- Possibility to track a topic so that it will send you a notification if someone posts a comment about it
- Mark topic as solved by marking comment as an answer

GitHub Link

https://github.com/MarekHavel/Brainstorm