KBTU Helper

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This project was done with the idea of helping students to reach their full potential and enrich their social circle. This application is a mini social network specified for the needs of the KBTU environment. It demands for users to register and be able to authorise.

This application has

1. Chat with the users
2. Tracking of grading and the calculate of the average scores of student
3. Everyday feed provides students with the recommendations of articles to help improve subjects with the lowest score

The libraries that were used in this project:

1. FireBase - for authentication/registration of users

(<https://firebase.google.com/>)

1. Room Database for creating and saving locally every model that was needed in this project

(<https://developer.android.com/training/data-storage/room>)

1. Retrofit2 was used for making HTTP calls to the backend to get the articles feed

(<https://square.github.io/retrofit/>)

1. The project was constructed based on MVP architecture

(<https://www.raywenderlich.com/7026-getting-started-with-mvp-model-view-presenter-on-android>)

1. Other additional dependencies that were used in this project are Picasso and coroutines

(<https://github.com/square/picasso>)