

BBank is an application that provides services similar to banking. We can say that this application is an online banking emulator.

Important note: This application is not an official application of any bank. This app is just a pet project. And it has a non-commercial character.

Below is an application guide that describes in detail how the application works.

Content

TECH STACK 3

DATABASE STRUCTURE 4

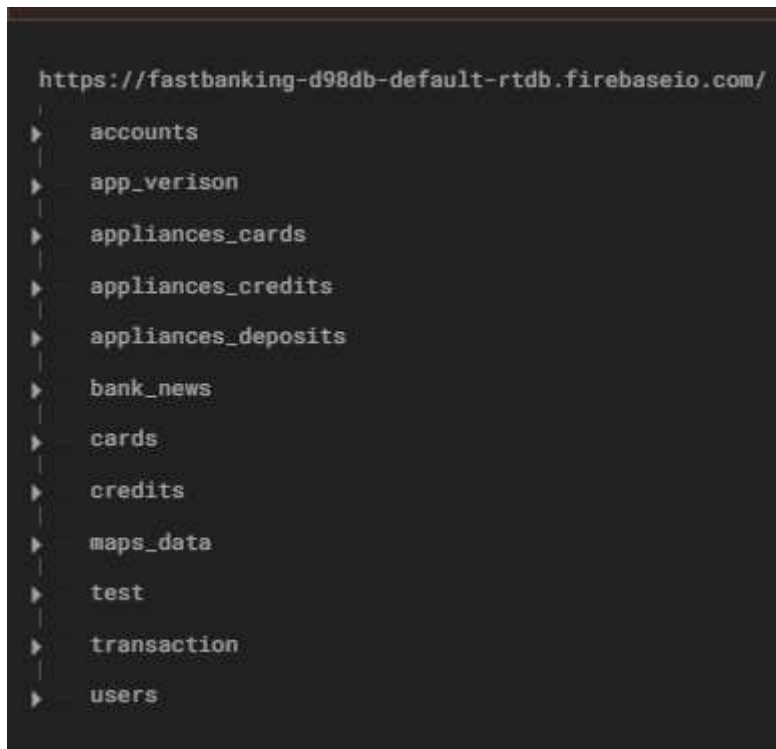
TECH STACK

- Kotlin (v 1.9.0)
- Jetpack Compose (compose bom version 2024.04.01)
- Jetpack destinations (Raamcosta) (v 1.10.2)
- Leak Canary (for debugging)
- Koin(v 3.5.6)
- FirebaseDatabase (v 21.0.0)
- FirebaseAuth(v 21.3.0)
- Gson(v 2.9.0)
- Google Maps
- Retrofit(v 2.11.0)
- OkHttp(v 4.12.0)
- Retrofit Cache (v 1.0.0)
- Secrets plugin(v 2.0.1)
- MVI
- SOLID
- Clean architecture
- JUnit(v4.13.2)
- Mockito(vv5.15.2)
- Koin Test(v4.0.2)

DATABASE STRUCTURE

To use the app. You need to create your own project via the Firebase Console, connect the Firebase Database utility there and create tables with the appropriate structures.:

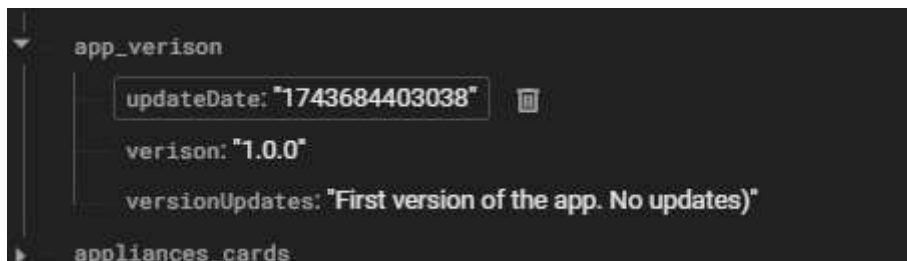
Common structure:



Accounts:



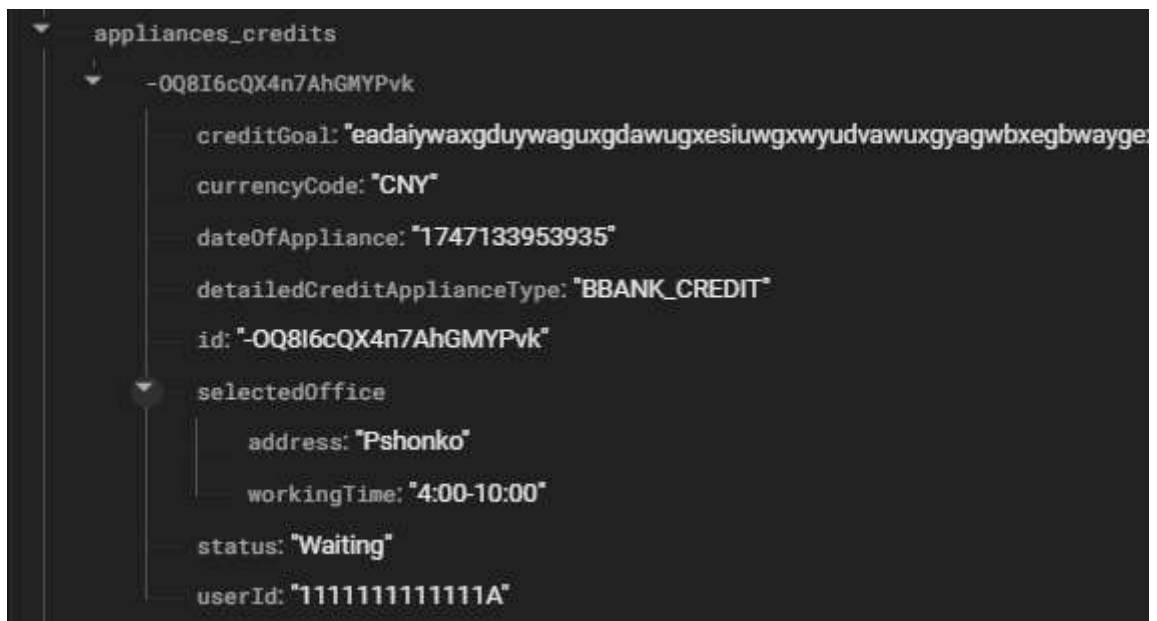
App_version:



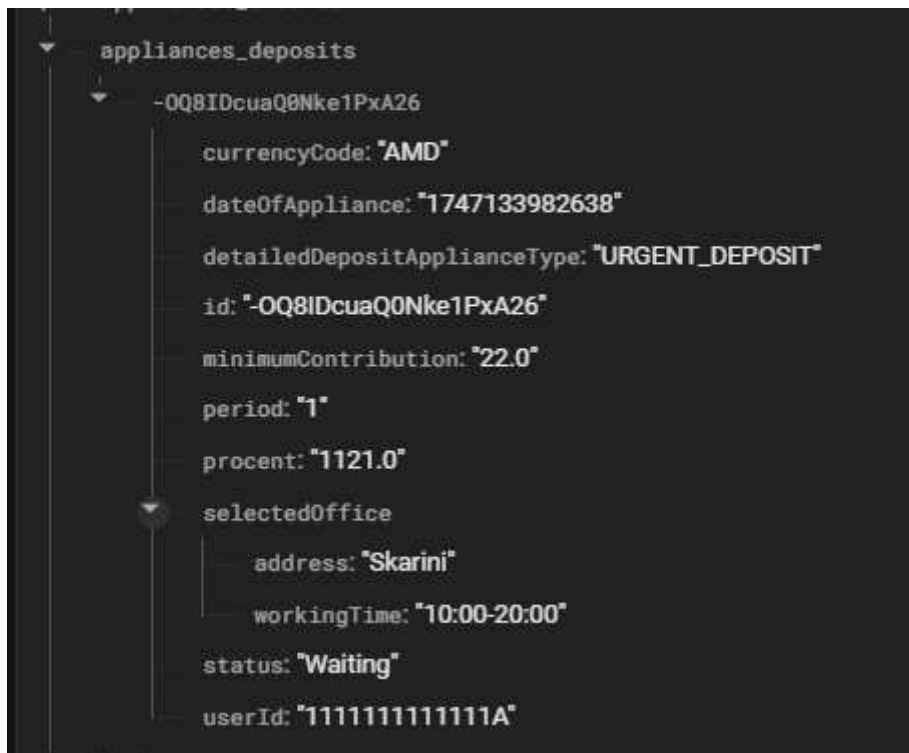
Appliances_cards:



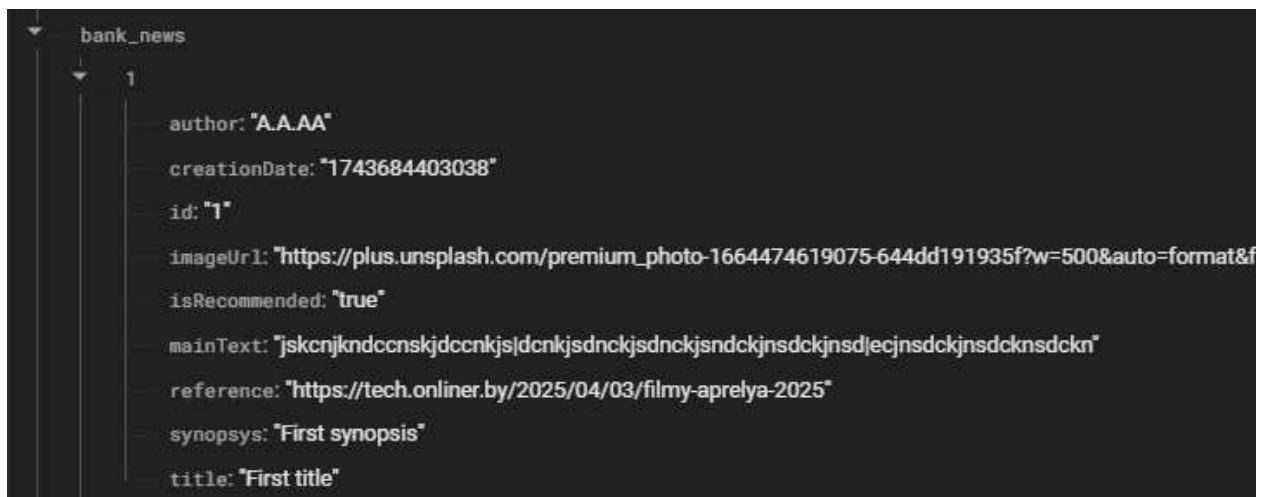
Appliances_credits



Appliances_deposits:



Bank_news:



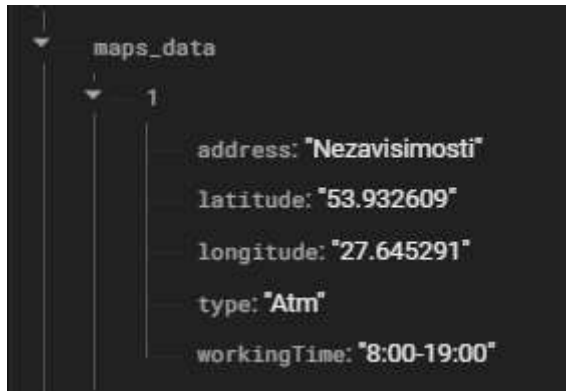
Cards:



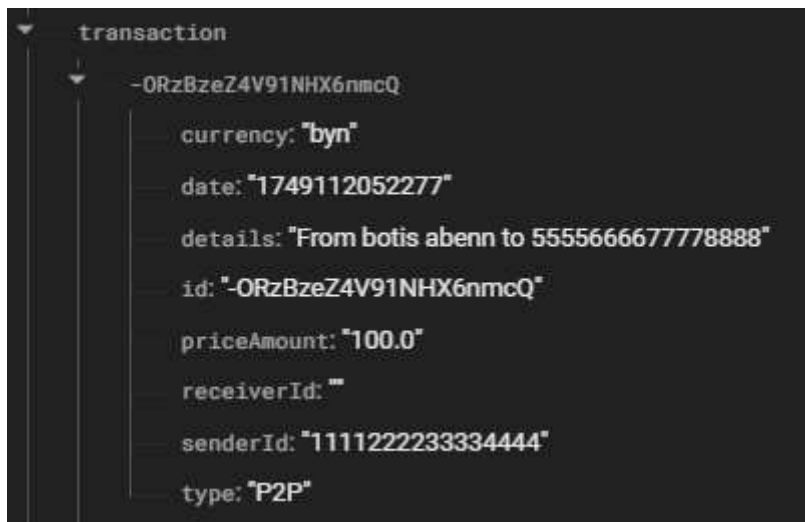
Credits:



Maps_data:



Transaction:



Users:

