Room & ViewModel & LiveData lab

Create an app that will use a simple Room SQLite database with at least two related tables. E.g.

- Football teams (name/created year) and their players (name/position)
- Movies (title/year/director) and their actors (name/role)
- Recipes (name/country of origin) and their ingredients (name/quantity)

Create two views to insert data (one for each table) and LazyColumn to list the content (select from the two related tables). Note: start easy with one table. Hint: when modifying the database (entities, dao,…), before redeploying your app to emulator/debugging device, go to phone settings ⇒ App & notification, select your app ⇒ Storage & cache and clear both cache and storage (so you avoid database modification exception). Use App inspection → Database Inspector in Android Studio to see what is going on with the database.

Lab example screenshot