Programming excersise

Warming up A

Platform: Android or iOS

Schedule: 6 - 8h

Excersise: Create a simple app, which searches for songs and displays the results in a list view. It should be possible to select an entry to see its details, which should be loaded on demand.

- in ComposeUI or Single activity with fragments pattern
- inMemory storage
- optional (load from API)
- optional (non-freezing UI)

Task

1. Display list of songs in a list view
   a. A list entry should display Title, Summary and Author
2. Show details of entry after touch list entry
   a. The detail view should display Title, Summary, Author and additional data
3. load data from given JSON file

```
[{
    "id": 16,
    "name": "Around And Around",
    "artist": "The Rolling Stones",
    "album": "Stone Age",
    "year": 1971
}
,…
]
```

4. (optional) load data from API
   a. non-freezing UI
   b. Docker API