

Arrk Android Exercise

We would like you to write an Android application consisting of two screens for displaying information about Star Wars characters. The Star Wars character data should be obtained from the Star Wars API at <https://swapi.co/>.

The first screen should be a list of character names. The app should show an appropriate UI to indicate to the user that it is busy while it waits for results from the API server. If it fails to contact the server it should show an error message and a “Try Again” button which can be used to retry the API call.

When the user taps on a character name the app should switch to the second screen showing more detail about the selected character. The second screen should show labels and data values for each of the following character attributes:

- Name
- Height in metres
- Mass in kg
- The date and time that this character’s data record was created

The app should use the following colour scheme for both screens:

- Background: #222222
- List item text: #FFFFFF
- Label text: #DDBB00
- Data value text: #FFFFFF

You should also include whatever tests you feel are appropriate for this application.

Your code should be written in Java (*not* Kotlin).

Feel free to use third-party libraries if and where you feel they’re appropriate.

When you are ready to submit your work to us, please send us the URL of a public Git repository (e.g. on GitHub or BitBucket) that we can use to clone your code.

We would like you to use the exercise as an opportunity to show us how you think good, clean, object-oriented code should be written and organised. Happy coding and good luck!