

Star Wars Favorites Mobile Application

Task:

Implement the mobile application based on React Native for iOS & Android platforms that gives the ability to indicate the total amount of male/female/other favourite characters across the Star Wars Universe.

Statements:

- Make an API Request to get the information from the server.
- Display the list of retrieved elements.
- By clicking on any element of this list - extra information should be displayed on the dedicated screen.
- By clicking on the “Add to favourites” link/icon against any character - recalculate the total votes and indicate the selected element as the liked one.
- Display total amounts of male/female/other characters based on the user's selection.
- The “Reset” button should flush all previously added to the favourites list personages and make all total values equal to zero.

API:

- <https://swapi.dev/>

Reference:

- <https://sw-app-gilt.vercel.app/>

Requirements:

- We need the main screen with a scrollable and paginated list of elements that navigate the user to another screen with additional information about the selected entity.
- The application should allow users to add list elements to favourites and calculate totals based on male/female/etc. gender.
- The “Reset” button should flush all the statistics to the initial state.
- It's possible to use any state management approach.
- It's allowed to use any UI library/framework to style the application.
- It's recommended to follow the referenced stylings or it'd be a plus to customize it due to your preferences and/or best UX/UI practices.
- The codebase of this application should be uploaded to GitHub public repository with relevant README information.

We will assess the next parts:

- workability: how your application works;
- projects structure: how you structure your files;
- code quality: how you write clean, readable code (feel free to install and use ESLint and Prettier);
- knowledge React, React Native and their ecosystem: how you compose and use libraries together;