

Objective

Clean and organised code

Adherence to prevalent guidelines and patterns specific to platform and tools chosen

Ability to understand and use third-party APIs/ components

Separation of concerns

Ease of use of UI

Ease of unit testing (add unit tests if possible)

Problem Statement

Create a JavaScript application using any popular MV* framework or react-flux architecture that has two pages as described below using API from the website <http://swapi.co>

Please go through the documentation and API response carefully to choose the right set of APIs and call them with the proper arguments.

The application is supposed to have 2 pages:

Page 1 (Login Page)

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Allow the user to login as a character from STAR WARS using the character name as the username and birth year as the password.

eg:

Username: Luke Skywalker

Password : 19BBY

Page 2 (Search Page)

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Implement a type-along search which searches for planets and lists them in components (eg: div) that are sized relative to their population on every keypress in the input field.

(eg: you can use a bigger font size for a planet with larger population, or even show a bigger div for a planet with larger population)

Advanced:: Only the user Luke Skywalker should be able to make more than 15 searches in a minute.