

Problem Statement

The programming exercise to build an app using the [Star Wars API](#). The app should have two routes - `/login` and `/planet`.

Login (`/login`): allow the user to login as a character from Star Wars using the character name as the username and birth year as the password. E.g. Username: *Luke Skywalker*, Password: *19BBY*; Username: *Watto*, Password: *unknown*

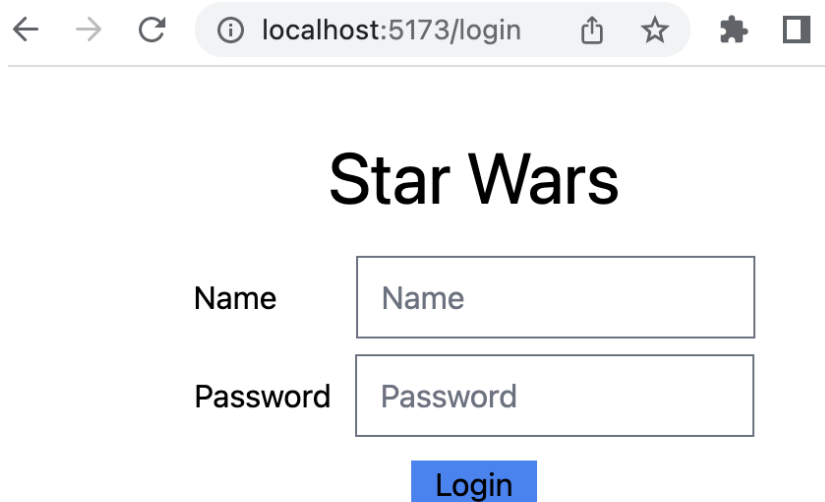
Search planets (`/planet`) : implement a type-along search which searches for planets and lists them along with their population. The population should be represented by an icon - one for every unit of the population. The larger the population, the more the icons. The actual population can be displayed on hover. Where the population is unknown, the value can be left blank.

Identify suitable APIs to be used. Note that APIs provide paginated results.

Use with the provided react starter code, which has react router and redux toolkit pre-installed - [codesandbox](#) or [stackblitz](#). Login to your github account, fork the sandbox and make the changes.

1. Login

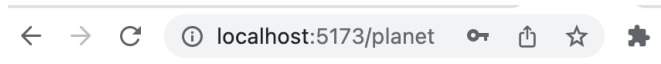
When the app is run, it should display the following:



The screenshot shows a web browser window with the address bar displaying 'localhost:5173/login'. The page title is 'Star Wars'. Below the title, there is a form with two input fields: 'Name' and 'Password'. The 'Name' field contains the text 'Name' and the 'Password' field contains the text 'Password'. Below these fields is a blue button labeled 'Login'.

When the user clicks Login, it should take the user to the next screen.

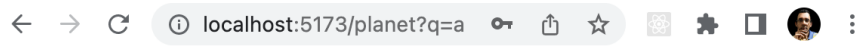
2. Search Planets



Star Wars










[Search for planets](#)

As the user types in the search box, the app should display the list of planets and icons based on the population that contains the typed characters.



Star Wars

[Search for planets](#)

Name	Population
Tatooine	
Alderaan	
Yavin IV	
Dagobah	
Naboo	
Coruscant	
Kamino	
Utapau	
Mustafar	
Kashyyyk	

45000000

On hovering over the population cell, the actual value of the population should be displayed. Where the population is unknown (like Dagobah), it can be blank.

3. Error handling

Handle any application errors like invalid login or no search results

Finished solution

View [here](#)

How to submit

Share the **url/link** to your [CodeSandbox](#) or [Stackblitz](#) fork/solution to jobs@innoventes.co.

Note that solutions shared via zip files or any other means will not be accepted.

Evaluation Criteria

The solution will be evaluated based on the following criteria

- Functionality - does the application work as expected
- Design - how the application is designed and correctness of the API used
- Programming - features of the language and framework used