

Cytora Technical Test

Overview

- Build a 'wiki' on characters, planets, and star ships using The Star Wars API (<https://swapi.dev/>) in a SPA with a favourites list feature.
- We'd like you to use React with some state management library of your choice (whatever you're most comfortable with).
- The design and structure are completely up to you. Feel free to use a CSS framework too, the fancier you can make it look the better, however, we don't expect it to be an award-winning design just something that considers your ideas on usability.
- Each character should have a 'Favourite' button which allows the user to save this character as a favourite. Displaying these favourites somehow and the ability to remove them again from the list (and from the character page) should be implemented but is up to you on how and where this is displayed.
- Storing this data in memory (via some state management) or local storage is fine. It only needs to persist for the current session.

Implementation

- The homepage should include a list of characters (the first page of characters in the `/people/`` response from the API is sufficient).
- Each character should then have their profile page where you can see their bio and links to their home planet and star ships pages.
- Linked planets and star ships should also have a 'bio' page.
- You should be able to search for characters, planets, and star ships.
- Implement client-side caching (LRU) of requests so you are not making API calls you have previously made

- Loading states should be taken into account.
- The data you choose to display on each screen is up to you.
- Handling errors with correct messages when/if the API call fails.

Notes

- It only needs to work in the latest version of whatever browser you use.
- Notes on how you would improve this application given more time would be great.

Finishing

Once you have completed the task:

- Upload your project to your GitHub account and send us back the link to the repository.
- Include any useful feedback you have in that message to our team.
- Include instructions on how to build and set up your project.

Good luck!