

Technical Activity

Build a web application that displays character details from the Star Wars universe using the swapi.dev API and allows the user to add characters to a favourites list. Please generate a repository along with a README on how to run the project locally.

You should complete and return this test within 1 week. If you hit a blocker or run low on time, please document your thoughts on how you would finish the activity.

Acceptance Criteria:

- Character list view
 - list all characters from the Star Wars universe (name, gender & home planet)
 - provide pagination controls to step through the results
 - provide a search field to query by character name
 - clicking a list entry should navigate to the character details page
- Character details view
 - display: name, hair colour, eye colour, gender, and home planet
 - list the films that the character has appeared in
 - list the starships that the character has piloted
 - provide the ability to add the character to the favourites list if they aren't already on it
- Favourites view
 - display all characters that have been added to the favourites list (name, height, gender & home planet)
 - provide the ability to remove characters from the list
- **Bonus:** provide the ability to amend the height or gender of a character

Implementation Notes

Ideally, the application should be responsive and written using TDD, TypeScript & React. You may include any other technologies that you feel necessary.

The focus of this exercise is to gauge your approach to solving the problem as much as the technical implementation of the functionality. Getting the solution working is one part, but structure and reasoning behind approach is also important.

- Is it maintainable
- Is it scalable
- Is it clear and understandable

Feel free to include any additional considerations to the README. If you were to take your project as a foundation of a much larger application, with multiple teams of developers contributing to it, how might that affect your approach?