

Project Overview:

Welcome to our take home interview task! We're excited to see your skills in action. Your task is to create a directory of characters in the Star Wars universe using the Star Wars API (<https://swapi.dev/>). The directory should display each character's name, homeworld name, and species name. Additionally, it should support easy searching for a person by their name, homeworld, or species.

This should take between 45-90 minutes. You will have 2 business days to complete this task.

Requirements:

- Develop a webpage that presents a grid of character profile cards sourced from the Star Wars API.
- Utilize the Star Wars API resources:
 - People: <https://swapi.dev/documentation#people>
 - Planets: <https://swapi.dev/documentation#planets>
 - Species: <https://swapi.dev/documentation#species>
- Implement search functionality allowing users to search for characters by name, homeworld, or species using the search API for each resource.
- Ensure the profile card displays the person's name, homeworld name, and species name.
- At the top of the profile page, include a search bar. Render a grid of profile cards that match the reflected search. If there are no results, show a message stating there are no results.
- Support both the person's name, homeworld name, and species as searchable criteria. Show the results for a person's name first, then homeworld, then species.

Submission Instructions:

1. Create a GitHub repository for your project.
2. Utilize the Star Wars API to fetch data for the character directory.
3. Include a README file with instructions for local setup or provide a link to an instance of the site if deployed.
4. Ensure your code is well-documented and follows best practices.
5. Once you're done, share the repository link with us.

Additional Notes:

- You have the freedom to design the UI as you see fit.
- Ensure the search functionality is intuitive and efficient for users.

- Consider scalability and maintainability when structuring your code.
- Have fun and showcase your skills! We look forward to seeing your solution.