

Frontend Developer Mini Assignment

Objective

Build a simplified **Star Wars Character Searcher** that allows users to search for characters and view basic details.

Requirements

1. Search Bar:

- Implement a search bar where users can search for Star Wars characters by name.

2. Character List:

- Display a list of matching characters based on the search.
- Show the character's name and birth year.

3. Character Profile (Simplified):

- When a character in the list is clicked, display a popup or inline section with:
 - Name
 - Birth year
 - Gender

4. Data Source:

- Use the [Star Wars API \(SWAPI\)](#) to fetch character data.

Constraints

- **Framework/Library:** Use Lit (web components) and vanilla JavaScript.
- **Styling:** Keep the design simple and functional (no need for fancy UI frameworks).
- **Time Limit:** Aim to complete the task in 4 hours.

Deliverables

1. A GitHub repository with:

- The working solution.
- A brief `README.md` with setup instructions.

2. The app should:

- Allow the user to search and display results.
- Show a basic profile when a character is clicked.

Bonus Points

- Add a loading spinner or state while data is being fetched.
- Handle edge cases like no results or API errors.

Submission

- Submit the repository link once complete.
- Focus on delivering a functional solution within the time constraint rather than covering every detail.