

# 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.