



iOS Engineer Take-Home Assignment: Star Wars Planets Viewer 🌌

Objective

The goal of this take-home assignment is to build a Swift/SwiftUI app that fetches and displays a list of planets from the Star Wars API (SWAPI). This will serve as the foundation for a live coding session where additional functionality will be implemented.

Requirements

1. Core Features

Create a **SwiftUI** app that displays a list of planets fetched from the Star Wars API (<https://swapi.dev/api/planets/>), using the first page of results.

The list should display the following details for each planet:

- **Name**
- **Climate**
- **Population**

2. Detail View

Add a detail view that is displayed when the user selects a planet from the list.

The detail view should include the following information about the selected planet:

- **Name**
- **Climate**
- **Population**
- **Diameter**
- **Gravity**
- **Terrain**

3. Technical Considerations

- Use **SwiftUI** for all user interfaces.
- Use an architecture you're comfortable with (e.g., MVVM, MVC, etc.).
- Simple UI, we do not need to see a beautiful interface (we love wireframes ✨)

Submission Guidelines

1. Submit your project as a Git repository link.

Notes:

- This assignment is designed to assess your coding style, approach to problem-solving, and ability to structure a project.
- Go simple and use a focussed approach, but take into account that you will be asked to extend on the project in the live code session so we encourage you to submit a project that reflects your coding standards.
- You may use third-party libraries, but preference is given to solutions that leverage Swift's native frameworks.