Dunami UI Coding Challenge

Description

The goal of this challenge is to build a simple front-end application that consumes and displays data from a public rest api (https://swapi.co/). On load, the app should request data from the following endpoint:

```
https://swapi.co/api/people/
```

and display a list item for each of the people returned in the JSON response. Each display list item should contain the following information. 1. Name 2. Height 3. Gender 4. Birth Year 5. Name and Population of the person's Home Planet

Note

The Home Planet name and population data do not come back in the `/people` payload response, but rather you will get back a rest endpoint url that points to the home planet resource, e.g.

```
homeworld": "https://swapi.co/api/planets/1/,
```

You will need to call this endpoint for each person to retrieve the home planet name and population.

Searching

In addition to displaying a list of the data, the app should also have an input box that allows the end user to search people based on their name. The end user of the application should be able to enter in either part of, or the entire name of a person and see the matched search results displayed. The SWAPI api allows for searching on each rest endpoint by doing the following

```
https://swapi.co/api/people/?search=luke,
```

Which will return the following result:

```
{
    "count": 1,
    "next": null,
    "previous": null,
    "results": [
        {
            "name": "Luke Skywalker",
            "height": "172",
            "mass": "77",
            "hair_color": "blond",
            "skin_color": "fair",
```

```
            "eye_color": "blue",
            "birth_year": "19BBY",
            "gender": "male",
            "homeworld": "https://swapi.co/api/planets/1/",
            "films": [
                "https://swapi.co/api/films/2/",
                "https://swapi.co/api/films/6/",
                "https://swapi.co/api/films/3/",
                "https://swapi.co/api/films/1/",
                "https://swapi.co/api/films/7/"
            ],
            "species": [
                "https://swapi.co/api/species/1/"
            ],
            "vehicles": [
                "https://swapi.co/api/vehicles/14/",
                "https://swapi.co/api/vehicles/30/"
            ],
            "starships": [
                "https://swapi.co/api/starships/12/",
                "https://swapi.co/api/starships/22/"
            ],
            "created": "2014-12-09T13:50:51.644000Z",
            "edited": "2014-12-20T21:17:56.891000Z",
            "url": "https://swapi.co/api/people/1/"
        }
    ]
}
```


Grading Criteria

Here are the main things we are looking for in your application:

1. Functionality: The application should work according to the criteria described above.
2. Code Quality: We aren't looking for anything fancy, but we want to see clear, maintainable, and consistent code.
3. User-Interface: How well the UI performs/functions for the end-user.
4. Creativity: This is a fairly open coding challenge in terms of requirements, we want you to show off your creativity.

Happy Coding!