**Assessment 9 : API**

**Objective**

You will use the following api and the accompanying documentation to consume raw data containing characters of Game of Thrones, format the data, and display it in a View using the requirements listed below.

**API URL:** <https://anapioficeandfire.com/>

**API Documentation:** <https://anapioficeandfire.com/Documentation>

**Tool To Test API:** <https://www.postman.com/>

**Build Spec**

*Model* ***(15 Points)***

1. App contains a *Character* model
2. *Character* model contains the following properties that matches the data type coming from the API
   1. Name
   2. Gender
   3. PlayedBy

*Consuming Endpoint* ***(30 Points)***

1. Use the API documentation to identify the correct url to get a specific game character by id
   1. Create a *GetSpecificCharacter* method that will get the data from the api and return a *Character* object

*List of Characters* ***(25 Points)***

1. Use the data returned from your *GetSpecificCharacter* method to create a list of five characters that meet the following criteria:
   1. Each character must have data for all properties of the *Character* model (name, gender, played by)

*Displaying Data* ***(30 Points)***

1. Display the list of 5 game characters of your choice in your index view formatted as shown below:

Table

Description automatically generated

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| --- | --- | --- |
| **Build Spec #** | **Points Possible** | **Points Scored** |
| **Model** | 15 |  |
| **Consuming Endpoint** | 30 |  |
| **List of Characters** | 25 |  |
| **Displaying Data** | 30 |  |
| **Total** | 100 |  |