

Advance AngularJS Assignment

Check the Following API Documentation -

- 1) <https://anapiofireandice.com/>

These are the API resources -

<https://anapiofireandice.com/Documentation#root>

This API documentation contains all information about a popular TV Series Game of Thrones and its related book series.

“An API of Ice And Fire is the world's greatest source for quantified and structured data from the universe of Ice and Fire (and the HBO series Game of Thrones)”

Problem Statement

Create a single page application using AngularJS which has following views/functionalities -

- 1) View 1 - A view to list all books, characters and houses in same ng-repeat. The data should be sorted in alphabetical order and one type of card(or <div>) like book should look different from <div> of character. Use custom directive to achieve this functionality
- 2) View 2 - On clicking the div, a view containing the detail of that book/character/house should open containing all the information about it in details
- 3) In View 1, create filters like sort (alphabetically reverse or forward), filter by name of author etc. You can think of more filters. Extra marks will be given for intuitive thinking in this section.

You are allowed to create custom directives and custom filters and also allowed to use filters or modules available on internet. You can use angular module published by other authors.

Host this code in a github repository as well and send the link of that repository in the submission.

Technologies to be used - HTML5, CSS , Javascript, Bootstrap and AngularJS

Evaluation Basis

This project will be evaluated on following basis -

- 1) **Responsiveness of the website** - You will be given major credits for responsiveness. A non-responsive website will not be accepted as correct answer. You are free to use custom css and frameworks (like bootstrap) to ensure responsiveness.
- 2) **Quality of JavaScript code** - Your application's Javascript code should be optimized to be readable with proper indentation and comments. It should be broken down into functions for better maintainability and it should not contain any logical bugs.
- 3) **Intuitive Thinking** - You have to think of all possible features you can build with given data and include it in your assignment code. Extra score will be given for the same.
- 4) **Originality of code** - Your code will be checked for plagiarism and if it's not original, it will be discarded with a negative skill score.

Deliverables from Candidate

- 1) Compressed Folder containing all your code.
- 2) A text file containing the link of your github repository.

Create a folder containing all these deliverables. Compressed all these into a ZIP/RAR format and then upload it in the assignment page.

Warning - Do not submit incomplete projects or projects that are not running. They will result in negative skill score. Always use support system in case of queries.