Game of Thrones Trading Card App

Description of App

The idea of this app is to engage with fans of Game of Thrones. When they visit the Game of Thrones website, they can collect cards of their favourite characters. Players can customise the cards with additional information. If they no longer like a character, they can "tear up" the card.

The app should have two main views: Card Selection and Card Details.

Card Selection

Provide a collection of all the Game of Thrones trading cards in a clean, responsive layout. The number of columns should change depending on viewport width. When the user clicks on a card, they are taken to the Card Details view.

Card Details

Provide Game of Thrones data for the selected character in an aesthetically pleasing manner. The user should be able to return to the Card Selection view by either clicking a 'Home' button.

Acceptance Criteria

- Use Angular 1 or 2
- Single Page Application
- RESTful using JSON for communication between front-end and back-end
- Adequate coverage for unit, integration and E2E tests (using a mock)
- App should be styled with a modern card-based design, using current CSS layout approach
- Clean coding style
- Support for CRUD operations.

Bonus for:

- Application is tested and built with a single command
- Simple animated transitions between views
- Enable navigation using the browser back/forward buttons

Sample JSON for Read operation

```
{
        "baseUrl": "gameofthrones.com",

        "weatherSeason": "winter",

        "location": "Westeros",
```

```json
        "thronesSeason": 6,

        "thronesCharacterCards": [{

                "character": "Ned Stark",

                "age": 48,

                "image": "/images/ned_stark.png",

                "status": "dead",

                "titles": [

                        "Warden of the North",

                        "Lord of Winterfell"

                ]

        }, {

                "character": "John Snow",

                "age": 25,

                "image": "/images/john_snow.png",

                "status": "alive",

                "titles": [

                        "Lord Commander of the Nights Watch"

                ]

        }]

}
```