

MAD 400 - Assignment 3

Instructions:

From this point on we are going to be adding onto our application week after week, think of a website you want to make that will be easy to make content for. It can be about your favourite movie, cars, really anything that will be easy to make content for.

1. Make a new branch on your repository based on your Assignment 2 branch, and call it Assignment 3.
2. Push that new branch to github's servers. All changes made in this assignment should be on this new branch.
3. Set the version of your application to 0.3.0 in the package.js
4. Delete (Or multi line comment) the previous work you did last week

Once you've done that, commit your code to github.

5. Create two new components, using the Angular CLI or your newcomponent script from the package.json:
 - # Replace "Component1" and "Component2" with the names you want for your #components
 - ng generate component Component1
 - ng generate component Component2

One called **ContentList** - This will be a template for **displaying a list of IContent items** on the page Another called **ContentListItem** - This will be a template for displaying the information from one IContent item on the page

Once you've done that, commit your code to github.

6. In your AppComponent components HTML, add your ContentList's tag so that it can be displayed on the home page of your application. This is the only HTML you need in your AppComponent HTML file at this point.
7. In your ContentList components class definition, define an array of 4 or more IContent items's that fit within a chosen theme for a website..
8. In your ContentList components HTML, add 4 ContentListItem tags. You'll update these tags to make them more useful in step 10.
9. In your ContentListItem components class definition, add an IContent property that can be accepted as an input to the component.

Once you've done that, commit your code to github.

10. Back in your ContentList components HTML, use one-way binding to pass in each IContent item's object data in to each ContentListItem's tag (i.e. You have 4 IContent items data stored in an array in the ContentList's class definition, and 4 ContentListItem tags in the ContentList's HTML template. This step will connect each items data to a tag)

Once you've done that, commit your code to github.

11. Update the HTML of your ContentListItem component so that it displays the IContent in the following ways:
 - Each ContentListItem tag itself should have a 2 pixel border applied to it (style definition must belong to the component)
 - The name or title should be in a header tag (h1, h2, h3, etc)
 - The imgSrc should be used to display the image
12. The description, author, type and tags should be displayed as well, using HTML tags and styles of your choosing.
 - Hint: remember that your tags are an array

Once you've done that, commit your code to github.

13. In your ContentList component's HTML, replace the HTML by using an ngFor directive to display your ContentListItem's with a single tag now, instead of the 4 you added in step 8.

14. Update your ContentList component once more, so that every even item displayed by the ngFor loop has a certain background color, while every odd item displayed has a different background color (ex. Every even item has a background color of pink, and every odd item has a background color of teal). The styles setting the colour should belong to the ContentListItem.

Once you've done that, commit your code to github.