**Marvel App**

**The Challenge**

You are required to build an app to display a list of characters from the Marvel universe.

You are required to show the list of 25 characters available at the following URL:

http://bit.ly/tabtestmarvelcharacters

The work is broken down into two stories:

* **MA-001:** show list of Marvel universe characters
* **MA-002:** show detail of single character

While working through the stories, please commit your code to a local Git repository. When you have finished your work, please send us the zipped up directory containing the local Git repository. Please commit your code frequently, so we can see the way you tackle a problem like this. But the most important thing is that the code works at the end, so don’t worry about the code cleanliness or robustness of intermediate commits.

Please structure the code so that this app may be easily extended and maintained in the future. There is no need to leave comments in the code, as long as the code is self-documenting.

**Acceptance Criteria**

**MA-001**

* The screen shows a standard navigation bar with the title "Characters"
* A list of characters is displayed in a vertically scrollable list
* The image of each character is loaded asynchronously (the URL is created by concatenating the “*thumbnail”* path and extension, e.g. http://i.annihil.us/u/prod/ marvel/i/mg/3/50/526548a343e4b.jpg
* The name of each character is displayed underneath the image

**MA-002**

* By tapping on one of the characters from the home screen list, a new view should be pushed onto the navigation stack to show the character detail
* The title of this view should read the name of the selected character
* The back button should read "Characters" (the title of the previous screen)
* This screen should display the character’s image, name and description
* If the description is missing (null or empty string), please display the text "There is no description for this character" in place of the description
* If the description is long, or indeed on smaller devices, the user should be able to scroll the detail page
* Underneath the description there should be a button linking to the website. Please give the button an appropriate title. The URL of the website is available in the data, in the “*urls”* array, with type “*details”*. If the URL is missing, do not show the button.