

Name of the Project: *Marvel Superhero Search*

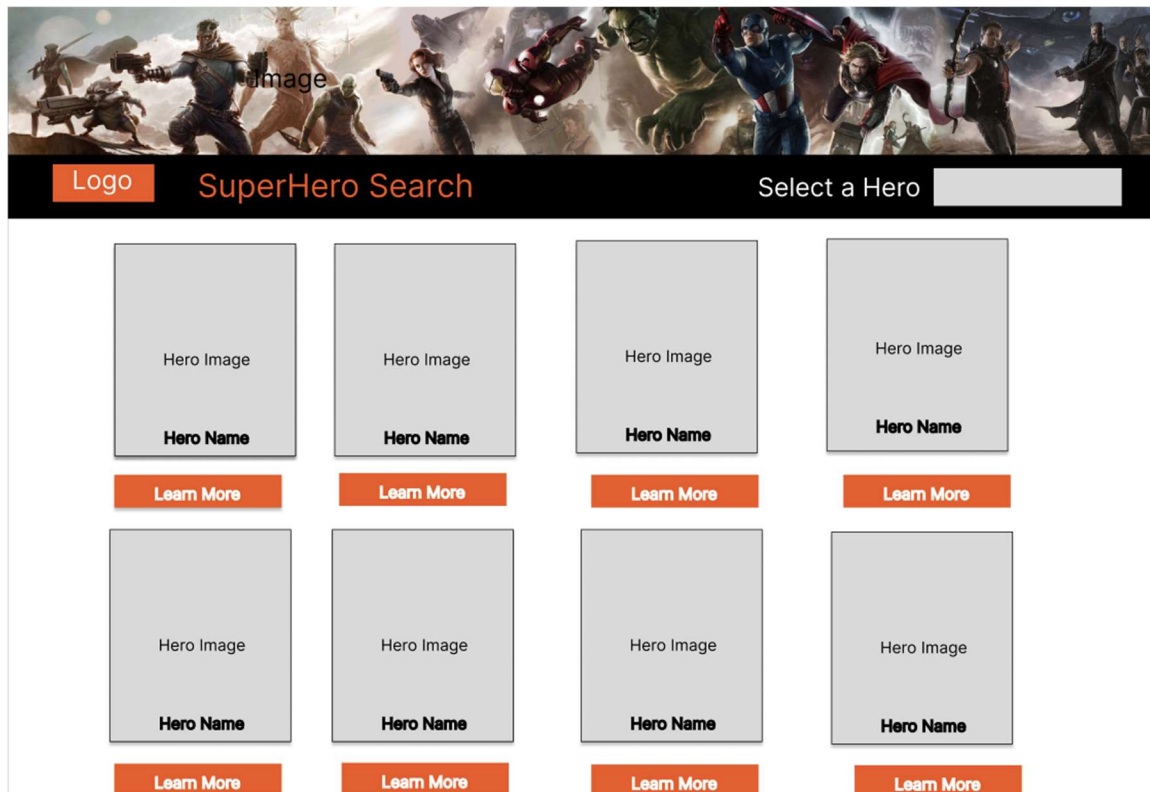
About the Project: The purpose of this project is to create a fun way for Marvel fans to look up their favorite character and find images and information on the different versions of their character that exist in the Marvel hero database.

Application Design: The application will consist of a home page where a user will search for their character by entering part or all of the character's name. A series of cards will be returned with the image and name of the hero that can be found in the Marvel universe. By clicking on a button for a particular character, the user will go to a detail information page for the selected character. The page will include an image, description and examples of comic books in which the character has been featured. To accomplish this, 3 components will be created:

- NavBar – will include header image (using css background image) and the nav bar. The NavBar will appear on both the home page and details page.
- SuperheroApp – will incorporate the hero cards resulting from the search
- SuperheroDetail – will incorporate the detailed information about the hero selected on the home page

The following provide a mockup of how each page will be presented:

Home Page:

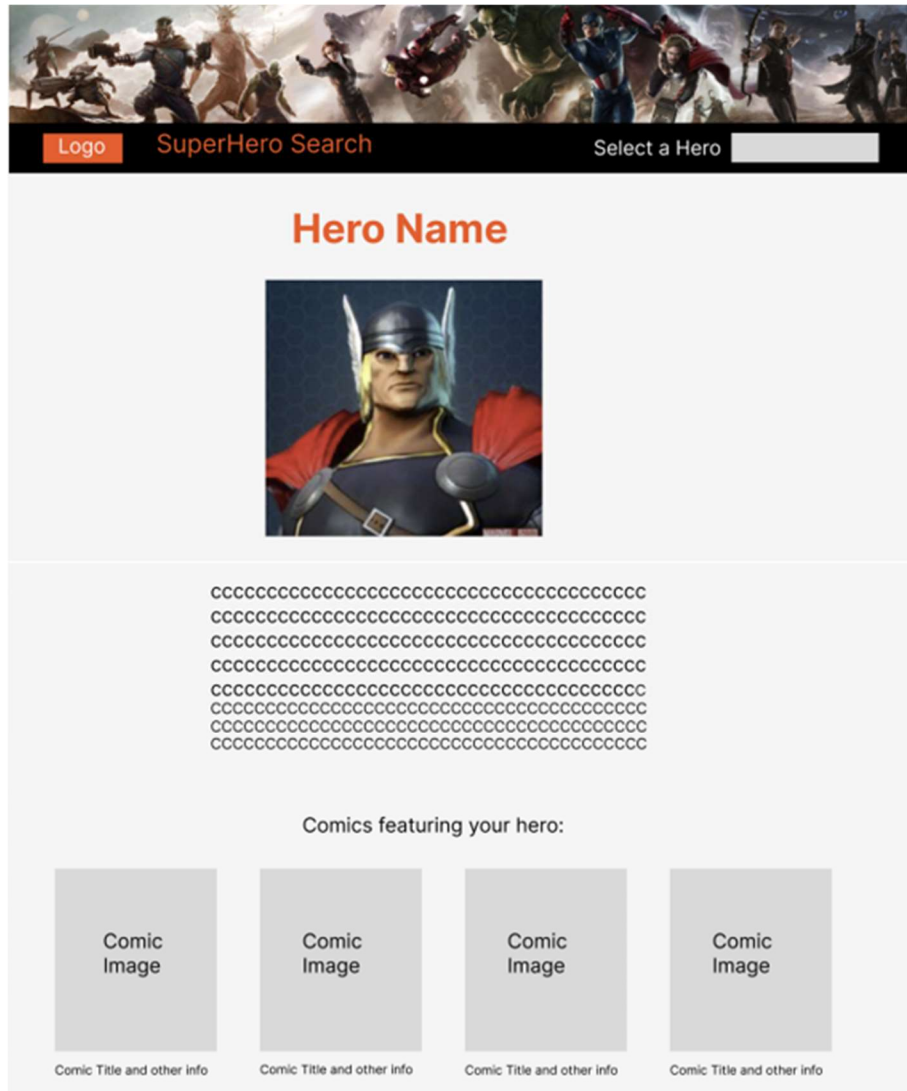


Student: Joann Cahill

Class: HTML 320 Spring 2022 - Front-End Application Development with Javascript

Final Project Plan

Detail Page:



Project Dependencies:

The project will have the following dependencies:

- Marvel superhero API (see <https://developer.marvel.com/>)
 - API key
 - Hash value created from timestamp (ts=1), the private key and public key assigned by Marvel through the Marvel Developer portal
- Use of the runtime environment Node.js, using npm as the package manager

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Final Project Plan

Tasks to be Completed and plan for completion:

Task	To be completed by
Week 1:	
Assignment of API public and private keys	completed
Review documentation to become familiarized with the data schema	completed
Create github repository for final project	completed
Clone repository to local machine	completed
Use create-react-app to create the application	completed
Create hash value	completed
Create env file for api key and hash values	completed
Create draft of header and nav component with placeholder for search	completed
Create skeleton of home page	completed
Create skeleton of detail page	completed
Create states and fetch request for home page – validate flow of data to the page	completed
Create links between the home page and detail page	completed
Complete initial styling of home page	6/02/22
Add hero image, name and description to detail page using static data	6/02/22
Create fetch request for detail page and validate flow of data to the page for the selected character	6/02/22
Week 2:	
Set up form and onclick event for search component	6/09/22
Add comics feature to detail page	6/09/22
Create fetch request for comics section of detail page and validate flow of data to the page for the character	6/09/22
Week 3:	
Finalize styling	6/16/22
Test and resolve bugs	6/16/22