

CODEVENGERS

.....

PRES E N T A T I O N B Y:

*VIVIANA ARENAS, SAMYA FIKI,
JACK REED, VINCE HART*





As Marvel fans and novice programmers, we designed an application that allows users to research Marvel Superheroes and find out where these heroes can be seen in action. Our application, titled Marvel Overlaps, merges the worlds of the Marvel Comics and the Marvel Cinematic Universe. Users can search for their favorite heroes and find out their biographical information, number of comics and series appearances, and the Marvel movies they have been featured in.

Search for your FAVORITE HERO





BLACK PANTHER



REAL NAME: T'CHALLA

CAPTAIN AMERICA



REAL NAME: STEVE ROGERS

HULK



REAL NAME: BRUCE BANNER



THOR



IRON MAN



POWERS AND ABILITIES

Click on any character image, which then pops up a brief description of your favorite hero, including their real name, the comics they've appeared in, the movies they've been in, and more...



HULK

REAL NAME: BRUCE BANNER



CAPTAIN AMERICA

NUMBER OF COMIC APPEARANCES: 2558
NUMBER OF SERIES APPEARANCES: 655
DESCRIPTION: DEDICATED TO SERVING HIS COUNTRY ANY WAY HE COULD, YOUNG STEVE ROGERS TOOK THE SUPER SOLDIER SERUM TO BECOME AMERICA'S ONE-MAN ARMY. FIGHTING FOR THE RED, WHITE AND BLUE FOR OVER 60 YEARS, CAPTAIN AMERICA IS THE LIVING, BREATHING SYMBOL OF FREEDOM AND LIBERTY.
TITLE: CAPTAIN AMERICA: THE FIRST AVENGER
YEAR: 2011
NAME: CAPTAIN AMERICA
REAL NAME: STEVE ROGERS
HEIGHT: 6'2
WEIGHT: 240 LB
PLACE OF BIRTH: MANHATTAN, NEW YORK CITY, NEW YORK
RACE: HUMAN
OCCUPATION: ADVENTURER, FEDERAL OFFICIAL, INTELLIGENCE OPERATIVE; FORMER SOLDIER, HYDRA AGENT, LIAISON BETWEEN S.H.I.E.L.D. AND THE AVENGERS, POLICE OFFICER, TEACHER, SPARRING PARTNER.
ALIASES: NOMAD, THE CAPTAIN
FIRST APPEARANCE: CAPTAIN AMERICA COMICS #1 (MARCH 1941)



BLACK PANTHER



DOCTOR STRANGE

REAL NAME: STEPHEN STRANGE



REAL NAME: SAM WILSON



ANT-MAN

REAL NAME: HANK PYM

CHALLENGES

1

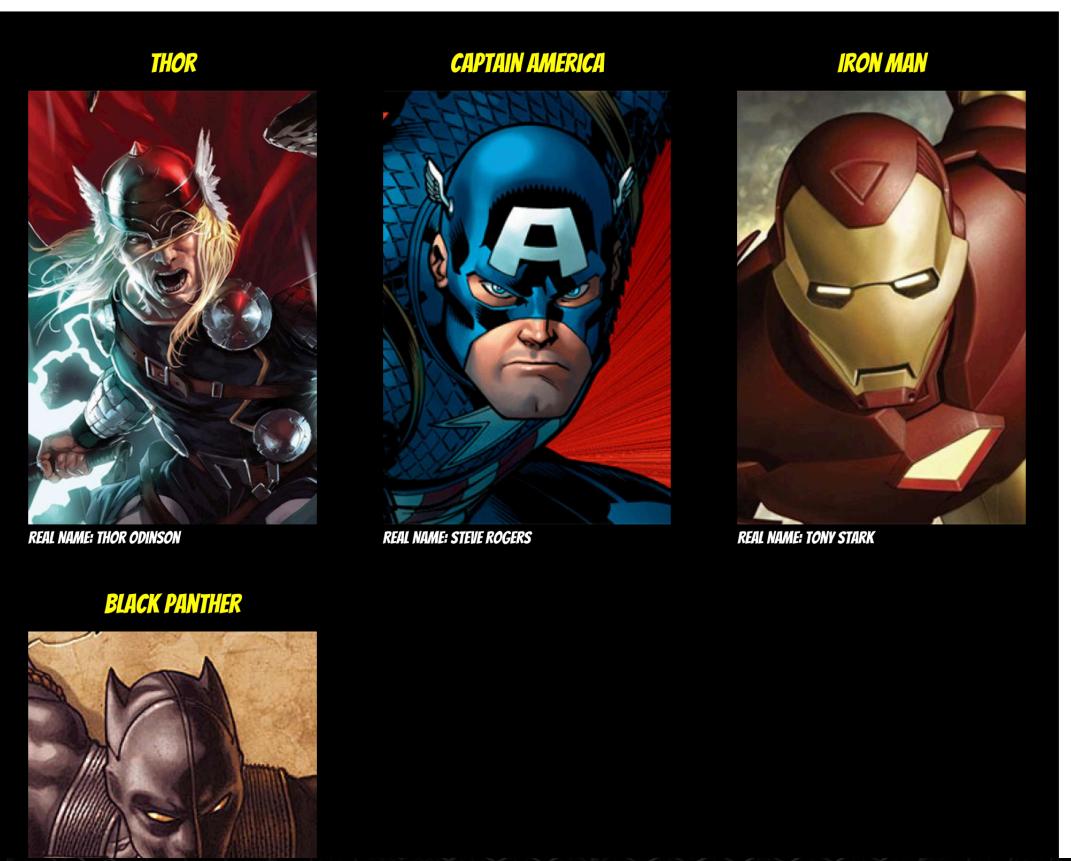
FOUNDATION

Working with a different framework provided challenges in styling and functionality with the website.

```
// CLICK CARD FUNCTION
function clickCardInfo(heroName) {
  // Create reveal modal element
  var revealElem = $("<div>")
    .attr("id", "reveal-elem")
    .addClass("reveal")
    .addClass("modalContainer");
  // create layout of modal
  var heroNameSpan = $("<span>").attr("id", "hero-name");
  revealElem.append($("<h1>").append(heroNameSpan));
  // create close button and append to modal
  var closeBtn = $("<button>").addClass("close-button");
  closeBtn.append($("<span>").attr("aria-hidden", "true").html("&times;"));
  closeBtn.click(function (e) {
    revealElem.foundation("close");
  });
  revealElem.append(closeBtn);
  // bring revealElem into being (?)
  var revealObj = new Foundation.Reveal(revealElem, {});
  console.log(revealObj + " reveal object logged");
  heroNameSpan.text(heroName);
  // changed from "#doodle" to revealElem to grab to modal object
  var heroInfo = revealElem;
  var modalPic = $("<img>")
    .attr("id", "modalHeroImage");
  heroInfo.append(modalPic);
```

2 API KEYS

Connecting API Keys,
successfully populating
the information on the
page & navigating errors
of too many API calls.



```
     Hide network
     Log XMLHttpRequests
     Preserve log
     Eager evaluation
     Selected context only
     Autocomplete from history
     Evaluate triggers user activation
     Group similar
    ↻ GET https://superhero-search.p.rapidapi.com/?hero=Hulk 429 jquery.min.js:2
    (Too Many Requests)
    ↻ GET https://superhero-search.p.rapidapi.com/?hero=Doctor%20Strange 429 jquery.min.js:2
    (Too Many Requests)
    ↻ GET https://superhero-search.p.rapidapi.com/?hero=Scarlet%20Witch 429 jquery.min.js:2
    (Too Many Requests)
    ↻ GET https://superhero-search.p.rapidapi.com/?hero=Ant-Man 429 jquery.min.js:2
    (Too Many Requests)
    ↻ GET https://superhero-search.p.rapidapi.com/?hero=Falcon 429 jquery.min.js:2
    (Too Many Requests)
    ↻ GET https://superhero-search.p.rapidapi.com/?hero=Spider-man 429 jquery.min.js:2
    (Too Many Requests)
    ↻ GET https://superhero-search.p.rapidapi.com/?hero=Hawkeye 429 jquery.min.js:2
    (Too Many Requests)
    ↻ GET https://superhero-search.p.rapidapi.com/?hero=Star-Lord 429 jquery.min.js:2
    (Too Many Requests)
    ↻ GET https://superhero-search.p.rapidapi.com/?hero=Gamora 429 jquery.min.js:2
    (Too Many Requests)
    ↻ GET https://superhero-search.p.rapidapi.com/?hero=Groot 429 jquery.min.js:2
    (Too Many Requests)
    ↻ GET https://superhero-search.p.rapidapi.com/?hero=Nebula 429 jquery.min.js:2
    (Too Many Requests)
    >
```

Your app must be doing well! At this time you have consumed 85% of the BASIC subscription to the SuperHero Search API.

If you continue to make calls at this rate, you could incur overage fees. We strongly recommend that you upgrade to a pricing plan with a higher quota and avoid the extra fees.

3

MODALS

Including Modals to populate superhero information, including the template attached.



TEXTARINOooooooooooooooo

HERO INFORMATION

MORE HERO INFORMATION



OVERLAPS

```
<body>
  <p><button class="button" data-open="exampleModal1">Click me for a modal</button></p>

  <!-- below is a "model modal" that i used as an example to build the dynamic ones in the js -->
  <div class="reveal" id="exampleModal1" data-reveal>
    <div class="grid-container">
      <h1>Hero Name</h1>
      <img id="modalHeroImage" src=Assets/header.png alt="hero image">
      <p>Textarinoooooooooooooooo</p>
      <p>Hero information</p>
      <p>More hero information</p>
    </div>
    <div class="lineBreak">
      <br><br><br><br><br><br>
    </div>
    <div class="grid-x grid-margin-x small-up-2 medium-up-3">
      <img class="modalPics" src=Assets/header.png alt="hero image">
      <img class="modalPics" src=Assets/header.png alt="hero image">
      <img class="modalPics" src=Assets/header.png alt="hero image">
    </div>
  </div>
</div>
```

Future Developments:

- Search by more than just character name, including movies, and TV shows.
- Interactive Timeline that lists every movie and crossovers in the Marvel Cinematic Universe
- Connecting affiliated Superheroes (i.e. Avengers, Guardians of the Galaxy, etc.) through movies and/or comics to create a more intuitive user experience
- Include movie trailers, upcoming releases, and Marvel TV series
- Connect comic book crossovers with their movie counterparts

