# System description

* + The Realm of the Mad God Collection tracker was created to provide players of the video game (Realm of the mad god) a new way to track their equipment collection.
  + The website was developed using HTML, CSS, JavaScript and Vue.js.
  + The website includes features like input bindings, @media rule to change some CSS styles when screen size changes, video, and audio implementation as well as Vue lists.

# Challenges

* Vue lists
  + One major challenge was working with Vue and JavaScript in order build the checklist feature.
  + Vue was required to build lists containing the images of the items, then using v-for to render the list.
* Checklists within collection playlists
  + All the collections pages use Vue lists to display the images of the items.
  + The challenge I found was creating a function in which changes the value of the opacity when clicked.
  + I believe there would be a more efficient way of completing this feature without creating a separate function for each item.

# Deviation from proposal

## Features changed

* Index page
  + The about page contains a summary if the website purpose and role regarding Realm of the Mad God instead of the index page.

## Features pushed to next phase

* Completion tracker
  + There was no feature added which tracks the percentage of items collected.
  + This feature would be added later if I had more time.
* Item details
  + There were no items added with there drop location and other item statistics.

# Coding Concept requirements

## Form input binding

* Text

  Description automatically generatedText

  Description automatically generatedThe contact page and login page both contain input bindings which display the text as the user types into the text input.

## List rendering

* Text

  Description automatically generatedThis feature was utilized within the collections pages to display the item images. The id of the image is also added along with the image source.



## State transitions

* Graphical user interface

  Description automatically generated with medium confidenceShape

  Description automatically generated with medium confidenceThe navigation links used transitions to change the colour of the words when the mouse hovers over them.