1. Introduction
   1. Project Pico includes a few key features. The most important feature of the project is the Photos page. This page is designed to create user engagement and build an audience. The site also will allow people to sign in and interact with the site including like content (for example giving a thumbs up to a photo similar to Instagram). The site also includes pages like a Favorites page, a Contact page, and an About page.
2. Design and Implementation
   1. The system relies heavily on HTML, CSS (and SCSS), Bootstrap, Bootstrap Social, and FontAwesome, and Google Fonts for the front-end. The back-end uses JavaScript, jQuery, Popper.js, Bootstrap.js components to create interactivity with the end user. The site also has Google Analytics embedded to track site analytics. I’ve also deployed the site using AWS Amplify and registered the domain with AWS Route 53. The implementation includes Bootstrap components like Cards, Carousels, Modals, Forms, Buttons, Navbar, and heavy use of Flexbox.
3. Navigation Structure
   1. The site will prominently feature the homepage (index.html)
   2. From there, the site will feature a navbar with links to “Home”, “Photos”, “About”, “Favorite Products”, and “Contact” pages
   3. The homepage will also feature multiple sections (divs) giving brief highlights of various sub-pages (for example, “Photos di Pico”) and the site will be able to navigate to the appropriate page if a user clicks in the relevant section of the homepage
   4. The user experience is likely to follow the layout of the navbar. Meaning, users will land on the homepage, then will be most interested in photos given the power of that media type, users will then either navigate to the About page to learn more about Pico or the Favorite Products page to get ideas for their own pets
      1. Said differently, the flow will go as follows:
         1. Home
         2. Photos
         3. About
         4. Favorite Products
         5. Contact (this page is likely to have a lower click through rate)
4. References:
   1. [www.twitter.com](http://www.twitter.com)
   2. [www.instagram.com](http://www.instagram.com)
   3. [www.facebook.com](http://www.facebook.com)
   4. [www.reddit.com](http://www.reddit.com)
   5. [www.tumbler.com](http://www.tumbler.com)
   6. [www.blogger.com](http://www.blogger.com)