* **Purpose**: Allow each student to design and implement a web-based product that they have researched and determined that a viable technology need exists (aka “commercial” or “business” need).
* Students will be expected to produce the items referenced in the Individual Research Project Breakdown Table.
* **Task**:
  + **2/5 @ midnight**:
    - Outline your proposed project idea in a roughly one-page word document making sure to address its viability (aka “business case”).
    - You should be including things like: who will be using it, what it is, why it is needed, etc.
    - Format is your choice – be sure to clearly present your thoughts.
    - Cite ALL sources!!

What it is:

A sharing site for images of cats. The images will be sortable by a variety of tags: cat’s coat, color, length, and image genre (funny, cute, etc.). The images can be found with refinable search options. The options would be displayed as check or drop-down boxes. Users will be able to create an account by providing an email (Username) and password. The users will also be able to post and search for images of cats to their liking. (like, follow, friend are potential additions)

Who is it for:

The cite will be for people who want images of cats (don’t we all). Cats are one of the most important parts of early internet culture, and people often find themselves in need of fuzzy stress relief, for those who need a quick pick-me-up.

Why is it needed:

Cats are an integral part of internet culture. Their wide acceptance and broad appeal is great for making quick additions to any conversation. People bond easily over pets and in these uncertain times, what we all need is pleasant social interaction.

Requirements:  
**Account Creation**  
- provide valid username and a password of at least 8 characters

**Account Management**- update profile’s password, bio, and following (have/change profile picture?)  
- view and remove past posts

**Posting**- post images, select tags as search terms for their image when they make their post  
- tags will include information relevant to the image (custom tags?)  
- view posts by looking for followed users or by using search tags   
(default to most liked or newest?)  
- like a post, to find it more easily and send virtual validation to the poster  
- follow other users, to easily view a content creator’s posts as they arrive