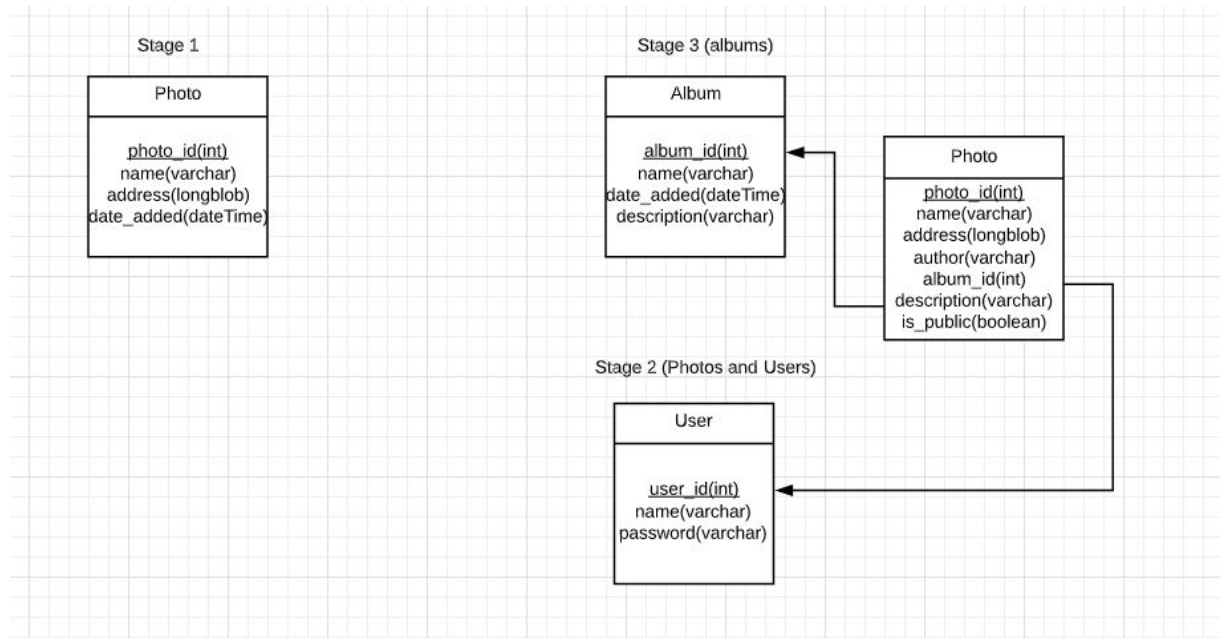# Candid Design Document

Goal: Create a starting point for non-profits with a content management system that is user friendly.

Research
- Researched different technology I can use and noticed PHP would be the easiest. Since I had extremely limited time this week I decided to learn PHP and use the XAMPP stack
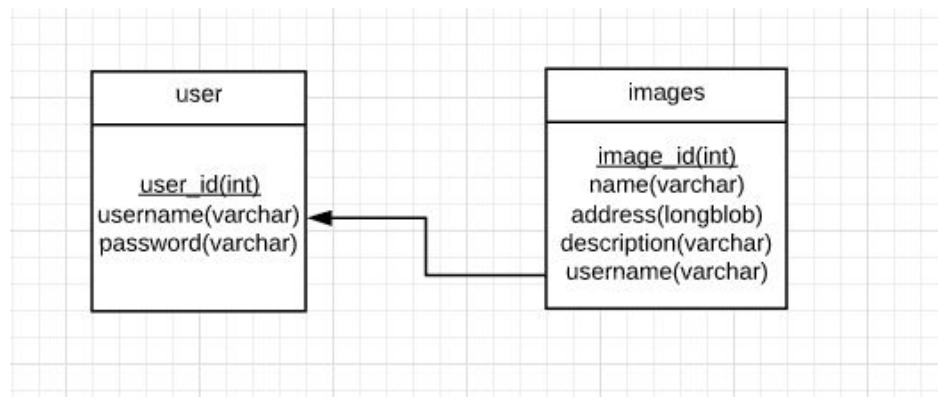
Initial Design Ideas:
- Can add multiple files
  - Can either select one or many images
  - Insert the good ones, if any bad show one alert with all of their names
  - If array empty, send alert for 'please select a photo'
  - Ask the user to enter in image info
- Can delete an image
- Can delete multiple images
  - Idea
    - Gallery view, add button, hover over the image and there's a delete button to delete one image
    - Or a select images button and when you click it greys out each image and lets you select whichever images, then you can click delete
    - Right-click and can have options to view info,
- Have an options for each pic
  - Right-click and can delete, view info, view in new tab
  - Replace image
- Have users
  - Create an account
  - View other people's profiles and see their public photos
- Maybe add albums if time permits

Stage 1

Photo

photo_id(int)
name(varchar)
address(longblob)
date_added(dateTime)

Stage 3 (albums)

Album

album_id(int)
name(varchar)
date_added(dateTime)
description(varchar)

Photo

photo_id(int)
name(varchar)
address(longblob)
author(varchar)
album_id(int)
description(varchar)
is_public(boolean)

Stage 2 (Photos and Users)

User

user_id(int)
name(varchar)
password(varchar)

After
- Have a gallery view to view all your images easily (more visually appealing)
- Have a content management page where you can delete/add an image, delete/add multiple images, replace an image, edit the image info
  - Originally wanted to include a form to get image info when inserting, but if you're inserting multiple pictures that would be annoying
  - Also made it easier to restrict access to other people's photos
  - Fewer buttons and mess in one area
- Explore page that is inspired by Instagram
  - See all other users
  - View their gallery only - cannot delete their picture
- Have users
  - Create an account (can sign up, log in, logout)
  - View other people's profiles and see their public photos only

user

user_id(int)
username(varchar)
password(varchar)

images

image_id(int)
name(varchar)
address(longblob)
description(varchar)
username(varchar)

Future Improvements
- Add more tests
- Make it visually appealing
- Reset password feature
- Add back buttons between pages
- Move insert button to the footer
- Get rid of alerts, just update a message/status that is on the page
  - Or when inserting or deleting → show fade in (with green) for adding, fade out (with red) for deleting
- Get rid of the file name in the URL
  - Did try this for a while by inserting code into the .htdaccess file, wasn't successful - did not have time to come back to it
- Add date created, date updated in db
- Auto make image name the name of the file the user uploaded
- Add search features
- Make explore page easier to read (add usernames somewhere on the page)