# CPSC 431-01 | Spring 2020 | Assignment 1

Create a simple Photo Gallery application in PHP.

#### Use Cases:

1. User uploads new photo to photo album including meta data (Name, Date, Location, Photographer)
2. User views all photos currently in photo album as gallery
3. User chooses sorting method by selecting from choice of meta fields in dropdown
4. User can choose to upload additional photos from gallery screen (back to upload form)

#### Grading:

100 points = 15 points per successfully implemented use case + 20 points for UI design + 20 for good coding style

#### General Requirements for Successful Submission:

* Program the following files in collaboration with your chosen partner:
  + index.html – contains the photo upload form in HTML
  + gallery.php – contains the script storing the uploaded file in a folder called “uploads” and displays all files currently in that folder, allowing for sorting as specified in wireframes associated with this assignment
  + readme.txt – contains
    1. Team member names incl. CWID,
    2. Short introduction and explanation of each team member’s contributions, and
    3. **Complete contents of gallery.php file incl. comments**
* Application needs to run without error messages on your school account – create a folder called “homepage” in your account’s home directory and create a folder called “assignment1” inside of it, then copy the 3 files created for this assignment into it, so you can access your application by going to http://ecs.fullerton.edu/~cs431s<id>/assignment1.

#### Additional Comments

You may find that including a CSS framework (e.g. [Bootstrap](https://getbootstrap.com/) or [Foundation](https://foundation.zurb.com/)) will make the creation of this application easier, especially when using existing building blocks like this one: <https://foundation.zurb.com/building-blocks/blocks/featured-image-block-grid.html>

The use of any framework(s) is optional, but getting familiar with them will allow you to complete assignments faster.

Uploaded files are first moved into a temporary directory on the web server. Use move\_uploaded\_file($\_FILES["fileToUpload"]["tmp\_name"],"uploads/".$\_FILES["fileToUpload"]["name"]); to move the uploaded file to a subdirectory named “uploads”. Note that you will have to allow PHP scripts to write into this directory.