

## THINGS YOU NEED TO KNOW

### Project Evaluation

A. Design Documentation	5%
B. Code Quality	7%
B. Structure & Logic	7%
C. System Documentation	6%
Total	25%

### Submission deadline

Part A.: *Monday, 24 April*  
Parts B & C.: *Friday, 12 May*

### Instructor

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## Photo Sharing App • 25%

You will create a photo sharing app similar to Instagram.

This project is divided into three segments. And for this class, you will focus on the back end: the database and the PHP and SQL code. The front end design (HTML and CSS) will be completed for Bruce's class.

Part A. The first part of the project is to design the system. The deliverable for this part is a simple document describing the data model and descriptions of the interfaces. (*This document should look like the one I gave you for the messenger app.*) **This is worth 5%, and is due on Monday, 24 April.**

Part B. The second part of the project is to develop the system. You will need to build the system so it works. This means you have to create the tables in the database, you need to write the code that will connect to the tables and make the system work as well as the code to collect data from the user. When evaluating this part, I will focus on the back end code: php, sql, db structure, etc. But you can build the front end at the same time. **This is worth 14% and is due at the end of semester.**

Part C. The third part of the project is to document it. You will revisit the first part document (data model and interfaces), and you will add wireframes of the actual screens used in the system. Also include any pertinent information about your system. If some things have changed between the initial design documentation and the final product, you need to reflect this in the system documentation. **This is worth 6% and is also due at the end of semester.**

Your app must provide the following features:

- Visitors (not logged in) can see the posted images and comments
- Images should be listed in reverse chronological order on the main page
- Visitors can create an account to become a User (logged in)
- Users can log in
- Users can post images (images are credited to their User)
- Users can post comments on images (comments are credited as well)
- If you want, you can add a Like system, but it is not necessary

For this project, I will only provide a system to store the pictures on the server which I will show in class. You are responsible for everything else: data model and implementation, interface schema, php connection code, sql commands, etc. We have already seen and used everything you need to build such a system.

To establish the system requirements, make sketches and devise scenarios.

You can do this project with a colleague.

## SUBMISSION

The documentations should be submitted as PDFs. You should also provide a link from a page in your system.

You will add your system's pages to your [www.micromediaweb.com](http://www.micromediaweb.com) site. As usual, you can use the site for Bruce's class to link your app.

Don't forget to revise and proofread everything before you submit.