# Lab 7 – Images

**Overview**: You will create a For Sale posting system. Visitors can view ads and can register to post their own ads. Once registered, they can log in and post a new item for sale ad. After they can mark an ad as sold so it is no longer visible to the public, as available so it is viewable again to the public, edit the ad, and delete it from the system.

This lab will reuse much of Lab 6. Don’t redo work that’s already been done. Duplicate Lab6 and update where needed.

## Tables

Re-use Users from Lab 6

For\_sale: ad\_id (auto increment primary key), title, ad, date\_posted (timestamp), deleted\_yn (default N), item\_sold\_yn (default N), u\_id (identifies user that posted it – foreign key to users table), image\_name, price

## Update ad-form

Include image and price, update form tag (enctype="multipart/form-data")

## Update ad-post **(2 marks)**

Add validation for image and price, upload image, update the sql statements (insert and update)

## Update Index.php **(2 marks)**

Change table and update field names and output.

Ad content should be limited to 100 characters in list view.

Thumbnail shows in list view, display shows in individual ad view

Less information should show in list view than in individual view.

## Add link/functionality to see more information on ad **(1 mark)**

<a href="index.php?view=<?php echo $ad\_id; ?>" class="view-details">View details</a>

Update query where class for ad\_id. Show all information for that one ad instead of the list.

## Add link/ functionality to see all ads by username **(2 marks)**

<a href="index.php?by\_user=<?php echo $user\_name; ?>"> <?php echo ucfirst($user\_name); ?></a>

Update query where class for username. Show all ads by username instead of the regular list

Search form and pagination must still work.

## Add links to back to home

When viewing an individual ad or ads by user it removes all query strings

## Update My Ads Page **(1 mark)**

Verify layout and functionality after updating table, columns and output so can still activate, deactivate, delete and edit ads.

# For you to figure out one your own **(3 marks)**

1. Allow WEBP and PNG images to be uploaded. A switch can be added into the function or separate functions created. **(2 marks)**
2. Create a unique name for each image so that a new file cannot overwrite one already in the system. **(1 mark)**

# Deductions (1 mark each)

1. Register doesn’t work
2. Can’t use login credentials from Lab 6
3. Can manipulate someone else’s ad