# Lab 6 – MySQL Multiple User Login and Paginated Posts

**Overview**: You will create a help wanted job posting system. Visitors can view ads and can register to post their own ads. Once registered, they can log in and post a new help wanted ad. After they can mark a job as filled so it is no longer visible to the public, as unfilled so it is viewable again to the public, edit the job posting, and delete it from the system.

## Step 1: Create Tables

Users: u\_id (auto increment primary key), email, user\_name, first\_name, last\_name, date\_registered (timestamp), date\_last\_login (datetime default NULL), password

Job\_ads: a\_id (auto increment primary key), title, ad, date\_posted (timestamp), deleted\_yn (default N), job\_filled\_yn (default N), u\_id (identifies user that posted it – foreign key to users table)

## Step 2: Create Register page

Information is saved to users table, password is hashed, date registered set by timestamp. Required fields are email, user\_name, first\_name, last\_name, and password.

## Step 3: Create Login Form on Index.php

Any registered user can log in.

## Step 4: Create Post Job Ad Form on Index.php

Login form is replaced with a form to post a job ad after successful login. Title and ad fields required.

## Step 5: Ad Listing on Index.php

Add paginated output, order by, order, search, and limit via form

If user is logged in and ad belongs to them then make links to edit, de-activate or delete jobs

## Step 6: Update Ad on Index.php

When a logged in user clicks the edit link, the form is filled with its values and an update is done instead of an insert. (REQUEST\_URI)

## Step 7: Mark an Ad as Filled link

Verify ad belongs to logged in user, change N to Y and redirect to index

## Step 8: My Ads page

Shows all active and inactive jobs for the logged in user to allow them to edit, activate, deactivate and delete all **THEIR** ads.

# For you to do one your own – if only 1 – 7 are completed your maximum mark is 3/14.

* Finish functionality for My Ads page to toggle re-showing an ad (1) and to delete (1) an ad. (2 marks)
* Add styles to make **responsive** and pretty. If my styles are copied, I will be upset – make it your own. Index (2), my-ads (1) and register (1) pages (4 marks)
* Add a Change Password link in the menu when someone is logged in. They should enter their old password and a new password. You must ensure the old one is correct before updating the record with the new information. (2 marks)
* All forms should have appropriate headings (Edit Ad, Add an Ad, Login, etc) (1 mark)
* All forms will have proper validation – NOT what we did in class. (2 marks)
  + All input from users that may possibly be displayed must have html removed (.5)
  + Emails need to be valid (.5)
  + Usernames cannot contain spaces (.5)
  + Passwords must be minimum 6 characters long and contain numbers, and lower and uppercase letters. Google for a regular expression to use. (.5)

Content we did together with videos counts for 3 marks.