

## Lab 6: MySQL Blog Application

**Overview:** Based on the lessons creating a MySQL Blog please finish the application and present it for marks.

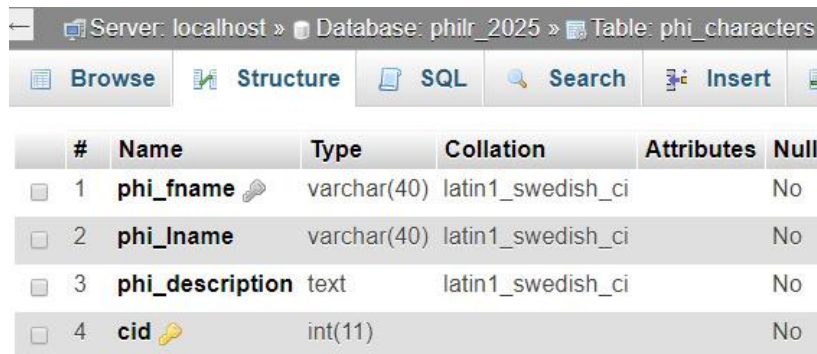
1. *Admin section functionality* : **[2 marks]**
  - Insert
  - Edit: Only 1 mark deducted if edit/delete not present or non-functional.
  - Delete
2. *Features*: **[3 marks]**
  - **Emoticons:** If you have trouble with any one character, just remove it and use others (or change the text characters; single quotes may be a problem). 4 or so emoticons are sufficient.
    - Feel free to use other emoticons than those provided in class.
    - Must be an emoticon editor for insert plus emoticons shown to user in output.
  - **Paginated Output.**
  - **Clickable Links** created
3. *Secure your admin section* using a sessions based login script. **[1 mark]**
4. *Content:* After testing, please populate with real content to the best of your ability. Mock content is fine, but gibberish or lorem ipsum is not. Please show at least 15 blog entries to demonstrate pagination. **[1 mark]**
5. *Public Output:* Please do either of the following (not both) for your output. **[2 marks]**
  - **Blog layout:** Have the output as `index.php`, and style it (and populate it) to show a full blog.
  - **What's New** feature: Instead of `index.php` as the output, rename the output file as `output.php`, then use this as an include within an existing design.
    - You may use any existing design you like.
6. *Challenge:* Do any of the following for one mark:
  - **Edit page <select>:** A <select> is used to select which entry will be edited instead of links.
  - **Logout Link & Variable Redirect from Login:**
    - Logout Link Only shown if user is logged in (top right seems good)
    - Login redirects to either insert or edit depending on which one referred them to login. Hint: Save a session variable with the filename at insert or edit, then check this at login; if it exists, then redirect there (if not, pick one page and send them there).

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## Submission:

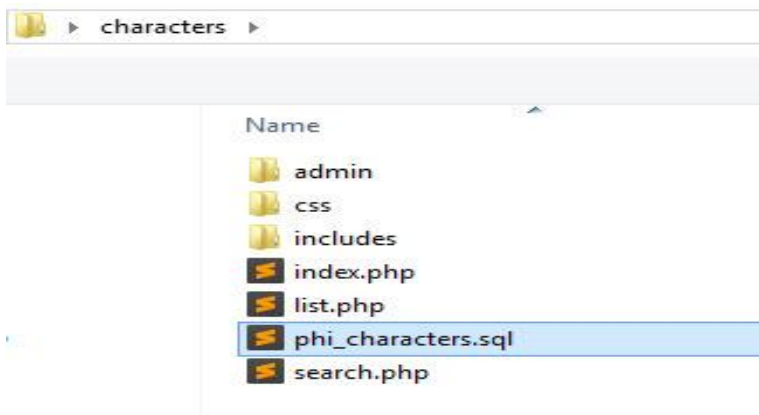
Each student will create a database table where **both the name of the table and all columns** (except primary key) **are prepended (added to the front of) by the first 3 letters of their username**. Use underscores and not hyphens.

Here is an example. The student with a username of **phlr** will create this table called **phi\_characters**:



The screenshot shows the MySQL Table Structure window for the table 'phi\_characters' in the 'phlr\_2025' database on localhost. The table has four columns: 'phi\_fname' (varchar(40)), 'phi\_lname' (varchar(40)), 'phi\_description' (text), and 'cid' (int(11)). The 'cid' column is the primary key. All columns have a 'latin1\_swedish\_ci' collation and are not nullable.

#	Name	Type	Collation	Attributes	Null
1	phi_fname	varchar(40)	latin1_swedish_ci		No
2	phi_lname	varchar(40)	latin1_swedish_ci		No
3	phi_description	text	latin1_swedish_ci		No
4	cid	int(11)			No



Also, each student will submit not only the URL and htaccess info for their project, but will Export the Table and add that to their project folder which will be zipped and uploaded to Moodle.

The instructor can then examine the code and database table to make sure it is an original creation.

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Blog format: index.php

## My Blog

**Checking out gadgets websites**  
*Posted on: May 5, 2014 4:02 pm*  
I really like <http://www.wired.com>.  
<http://gizmodo.com/> is pretty good too.  
Oh yeah, <http://gizmodo.com/> too.  
😄

**Friday**  
*Posted on: October 25, 2013 11:17 am*  
Friday is much better than a Monday.

**Fall is waining**  
*Posted on: October 25, 2013 11:16 am*  
Winter is coming... 😞

**Friday work class**  
*Posted on: October 25, 2013 11:15 am*  
Letting the "AppDevs" work on their blogs. 😊

**Another post**  
*Posted on: October 23, 2013 1:59 pm*  
Putting more content in for edit 😊

Pages: 1 [2](#) [next >>](#)

[admin](#)

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**What's New format:** The dynamic output is just a sidebar feature of a larger site.

output.php is included into index.php

## My Website

### Topic heading

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### Some cool sidebar stuff here.

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### Web Job Links

**AB Film**  
<http://www.albertafilm.net>  
A shocking FAIL for anything web. 😞

Oct 24, 2011 7:38 pm

**WOWJobs**  
<http://www.wowjobs.ca/>  
Not much when you first get there, but the search feature turns up some relevant jobs. 🙄

Oct 24, 2011 7:19 pm

**Media Job Search**  
<http://www.mediajobsearchcanada.com/jobs.asp?p=1>  
Not bad; need to weed through a lot of fluff. 😊

Oct 24, 2011 7:17 pm

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admin/insert.php

## MySQLBlog Admin

[Blog](#) | [Insert](#) | [Edit](#)

### Insert a Blog Entry

Title:

Message:

[Logout](#)

admin/edit.php

## MySQLBlog Admin

[Blog](#) | [Insert](#) | [Edit](#)

### Edit Blog Entries

Title:

Entry:

[Logout](#)

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<admin/login.php>

## MySQLBlog Admin

[Blog](#) | [Insert](#) | [Edit](#) |

Username:

Password: