



03-60334-30 WWW System
Information Devel
Assignment#4

- Due Date is **July 11th,2017**.
- Points possible **20 out of 20** for “MyWeb” links submitted on Blackboard (ONLY).
- Late submission of a homework assignment is subjected to a 20% per late day penalty
- This assignment should be done individually.

The folder structure of this assignment looks like Figure

60334 > assignments > assignment4



Figure 1: assignment4 structure

All php files must be stored and accessed from the html folder; all JavaScript files must be stored and accessed from js folder.

Follow the folder structure please, with the same exact names, All small letters. uwinid is your uwin username, the one before @ in your uwin email:

Sectiona.php

- 1- Create user_codes and user_profiles tables based on the information from the Figures 2,3,and 4. The user_profiles is referencing user_codes(user_code) using foreign key usercode.

Field	Type	Null	Key	Default	Extra
fname	varchar(30)	NO		NULL	
lname	varchar(30)	NO		NULL	
usercode	int(11)	NO	MUL	NULL	
created_date	timestamp	NO		CURRENT_TIMESTAMP	
email	varchar(100)	NO	PRI	NULL	
password	varchar(30)	NO		NULL	

Figure 2: user_profiles table description

Field	Type	Null	Key	Default	Extra
user_code	int(11)	NO	PRI	NULL	
user_description	varchar(30)	NO		NULL	
created_date	timestamp	NO		CURRENT_TIMESTAMP	

Figure 3: : user_codes table description



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Figure 4: Relationship between user_profiles and user_codes

- 2- Insert the following 2 records into user_codes:

```
INSERT INTO `User_codes` (`user_code`, `user_description`, `created_date`) VALUES ('1', 'user', CURRENT_TIMESTAMP);
```

```
INSERT INTO `User_codes` (`user_code`, `user_description`, `created_date`) VALUES ('2', 'admin', CURRENT_TIMESTAMP);
```
- 3- Create a php form in sectiona.php file as seen in figure 5, where the user can insert a record, if the insertion process works fine, you may print(echo) , insert record successfully, otherwise, you print the error. The usercodes (user type dropdown list) must read the values dynamically from user_codes table.
- 4- The form calls the same page for the second visit with post method.
- 5- The PHP insert statement must use prepare and execute with placeholders for the inserted values; it also must use real_escape_string function to delete any unwanted character from those values.

The screenshot shows a web browser window with the address bar displaying "alkhate.myweb.cs.uwinds". The page contains a registration form with the following elements:

- First name:
- Last name:
- User Type: (dropdown menu)
- E-mail:
- Password:
- Submit:

Figure 5: the profiles form



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SectionB

You will create sectionb.php that creates a gstatic pie chart that reads the values of the sectors dynamically from classics table using the following select statement:

```
SELECT category,count (*) as cnt  
FROM `classics`  
group by category;
```

The resulting chart will look like:

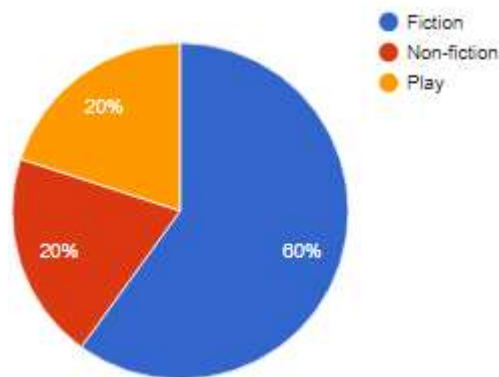


Figure 6: pie chart - percentage of the publications based on the category

The second column count(*) will have the name cnt as synonym, so you may access it in the loop with \$row variable as \$row['cnt'].

Output:

1-create a project in GITHUB or SOURCEFORGE.NET or any project management system (PMS), upload all source code that have been used in this assignment, copy the link of your posted project.

2-You are expected to submit to Blackboard the 2 domain links for sections.php and section.php, and also submit the link of your posted project in the PMS as in explained in point 1.