University of Central Punjab

Course Title: Web Application Development

Course Instructor:	Muhammad Ali Makhdoom
Semester:	Summer 2018
Course Code:	CSSE3143
Percent Weight:	35%
Program:	BSCS
Duration:	180 Minutes
Total Marks:	100

Instructions (Designing a Scholarship Web Page)

You need to design a web page about students' scholarship. A zip file which contains the content of the Web page, database file and images used in the Web page is provided to you. This zip file also contains "`index.php, login.php, check_reg.php, db_connection.php, logout.php`" file, a "`css`" folder with "`style.css`" and "`bootstrap.css`" file inside it, a "`screenshots`" folder and a "`db`" folder to import database. All your code should be added to php files. At the same time, you **shouldn't remove, add, or move any file or folder**.

The "`Students_list.jpg`" file in the "`screenshots`" folder is what the result of application Web page finally looks like. Other images in "`screenshots`" folder is to explain the layout of the Web page on different devices.

Submission

Compress all the files into a zip file and submit it to the "final-term" folder submission directory.

Question 01: (8+8+9 = 25 Marks)

Regex Validation

#	Field	Rules	Matches	Non-Matches
1	**Student Name**	• Should contain **only alphabets** • A single **space** and **dash(-)** can come in between. • Consecutive **Space** or **dash** not allowed. • Space or dash in the start or end not allowed.	ALI HASSAN ansab nadeem A Rafy Saad-ur-Rehman	Ali - Makhdoom Kinza A P N@tt Taliha- -Mugh33s
2	**Registration#**	• Only UCP registration numbers are allowed. • Spaces or dashes are not allowed.	l1f15mscs2334 L1S16BSCS4502	L2D12MSCS0001 L1-F12-BBIT-9909 L1 F17 BSCS 9989
3	**Cgpa**	• Should be between 0 to 4 • Up to two digits are allowed after decimal.	0 0.00 3.9 2.25 4.0 1	4.1 2. 3.888 00 .35

Question 02: (5+5+5+5+5 = 25 Marks)

Display

1. UCP logo should cover 12/3 portion of large and extra-large screens and should only visible on large and extra-large screens.

2. Adjust the view & fields for all devices as shown below.

Extra-large Screen View

Large Screen View

Medium Screen View

Small Screen View

Extra-Small Screen View

Question 03:   (5+10+10+10+8+7 = 50 Marks)

PHP

1. Calculate scholarship on the base of CGPA using PHP function given in the code. The criteria of scholarship is given below.   (5)

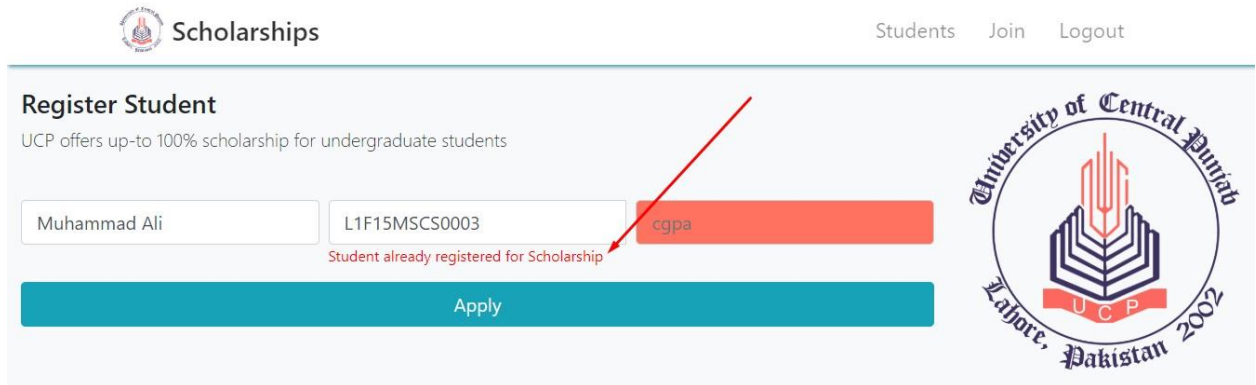| Scholarship	Requirement
100%	>=3.95 (Only if the student avails 100% merit scholarship in the 1st semester)
75%	>=3.90, <3.95
50%	>=3.50, <3.90
25%	>=3.25, <3.50
12.5%	>=3.00, <3.25

2. Show the updated list from students table using PHP in the HTML table as show below.   (10)

Students List

Name	Reg#	CGPA	Scholarship %
Kashif Raza	L1F14BSCS0100	3.8	50%
Ali Hassan	L1F15BSCS0143	3.99	100%
Maham Butt	L1F14BSCS0278	3.22	12.5%
SAAD AHMED HAFEEZ	L1S16BSCS0094	3.94	75%
Muhammad Ali	L1F15MSCS0003	3.6	50%
Mohsin Ali	L1F13BSCS0034	2.40	0%

3. Save the validated data of student in students table only in case if he or she has not registered already.   (10)

4. Check if a student already registered and show the alert message as shown below using asynchronous call (AJAX) to server on **keyup** event of JavaScript. (10)

5. Only those users should see the index page, who successfully logged in at login page.
   If somebody directly want to access index page without authorization, redirect them to login page. (8)

6. If user selects checkbox of "**Remember me**" and logged in successfully at login page, keep his credentials so that when user logged out and come back then he shouldn't fill the login form again. (7)