Name:_____ **Presentation date:** _____ **Score:** _____

Due by 11:59pm: 2/24/2018. Late penalty: 10 points per week after due date.

Project description:

- This is an individual project with 2 phases, and this is the first phase. Phase #2 is based on phase #1.
- You will design and implement an online Information system using MySQL, HTML and (PHP or JAVA).
- You can refer to demo: http://imc.kean.edu/CPS3740
- **Platform requirement:**
  1. You have to implement the projects on **eve.kean.edu**
  2. You have to use MySQL to implement the database functions and store tables/data at **imc.kean.edu.**
     ***** **Your project CAN NOT be based the personal database running on your laptop or PC at home.**
- **Phase #1 will require you to develop the following functions (total 100 points).**
  1. **(10 pts)** Create a CPS3740 project website on **eve.kean.edu** as shown in Figure 1.
     1.1 _____ **(4 pts)** Permission mode 705 for your project folder and all PHP/HTML files.
     1.2 _____ **(4 pts)** Your project URL should be: http://eve.kean.edu/~XXXXX/CPS3740/index.html.
     1.3 _____ **(2 pts)** The main page should show your name and two links to project 1 and project 2.
  2. **(10 pts)** When users click on **Project 1** link, you should show the following features as shown in Figure 2.
     2.1 _____ **(2 pts)** Display welcome message with your name and Project 1.
     2.2 _____ **(2 pts)** A link to list all users in the store.
     2.3 _____ **(4 pts)** Two textboxes for user to enter login ID and password, and a submit button.
     2.4 _____ **(2 pts)** You have to use POST method to implement the HTML FORM.

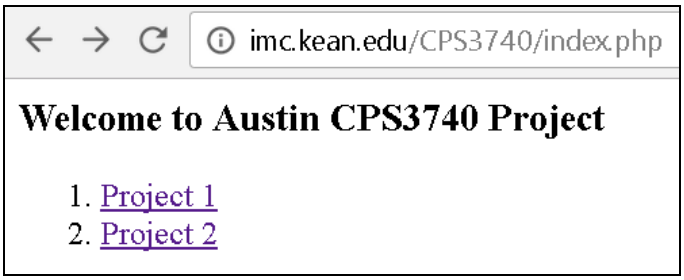

Figure 1. main page

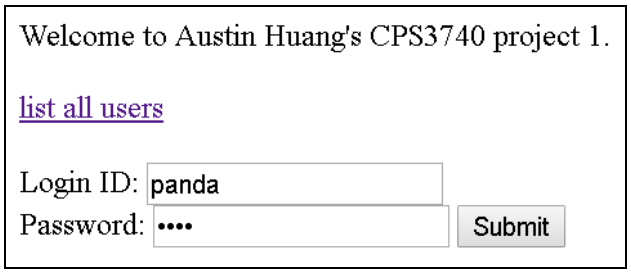

Figure 2. project 1 page

3. **(15 pts)** When users click on the link "**list all users**", a program should be called to list all users **at CPS3740.Users** table, a sample is shown in Figure 3. The data might be changed later.
   3.1 _____ **(10 pts)** The user data must be read from the table **CPS3740.Users**. It cannot be hard coded.
   3.2 _____ **(3 pts)** The output should be aligned for all columns using HTML <TABLE> tag.
   3.3 _____ **(2 pts)** A column header with column names should be displayed at top.

The users in the database:

ID	login ID	password	Name	Role	address	Zipcode	State
1	test	test	CPS3740 Tester	tester	1000 Morris Ave.	07083	NJ
2	tiger	test	Huang Austin	teacher	1000 Morris Ave.	07083	NJ
3	panda	test	Smith Timothy	student	200 Union Ave.	07101	CA
7	lion	test	AAA XYZ	staff	33 James St	07331	NJ

Figure 3. Sampe - User list in the database (the values might be changed)

Continue on page 2

4. **(30 pts)** Authentication: A program should be called to do the following functions after the **Submit** button is clicked.
   4.1 _____ **(10 pts)** The user login and password must be read from the table **CPS3740.Users**. Login and password cannot be hard coded in the program.
   4.2 _____ **(5 pts)**The input login should NOT be case sensitive, but the password should be case sensitive.
   4.3 _____ **(5 pts)** If the Login ID or password is **empty**, please show corresponding error messages and exit the program and **NOT** access the database.
   - If both login ID and password are not empty, the program should access the table **CPS3740.Users** to verify the **login** and **password**.

   4.4 _____ **(5 pts)** If the login ID does not exist in the database, please display an error message "Login ID XXXX doesn't exist in the database" and exit the program.
   4.5 _____ **(5 pts)** If the login ID exists in the database, but password doesn't match the record in database, please display an error message "User exists, but password not matches." and exit the program.

5. **(35 pts)** Successfully login - If the login ID and password match the records in the database, your program should do the followings. Please refer to Figure 4.
   5.1 _____ **(5 pts)** Display a welcome message with user **first_name**, **last_name**, **role** and **address** with **street**, **state**, **zipcode**.
   5.2 _____ **(10 pts)** Display user IP address and display an message "You are (NOT) from Kean domain." under the IP address, if user (NOT) login from Kean domain (10.*.*.*) or (131.125.*.*)
   5.2 _____ **(5 pts)** Display user's **role**, **address**, **state**, **zipcode**.
   5.3 _____ **(10 pts)** Display the data in your **Customers_xxxx** table that you create and insert in Homework1. The result must be aligned using HTML <TABLE>.
   5.4 _____ **(5 pts)** Display correct total of balance in your **Customers_xxxx** table.

Your IP: 87.66.34.135
You are NOT from Kean Unversity.
Welcome user: Timothy Smith
Role: student
Address: 200 Union Ave., CA, 07101

The customers are:

ID	Name	Balance	Zipcode
1	Austin	1000	07083
2	Mary	3000	07101
3	Sam	2000	07201
4	Sarah	4000	07711

Total balance: 10000

Figure 4. Information page after login successfully

5.4 Please test your project completely. You will have only chance to request to revalue your project with late penalty after you receive the first score.

5.5 Submit your project #1 through the class grade/submission system. http://imc.kean.edu/students