

Name: _____ Presentation date: _____ Score: _____

Due by 11:59pm: 2/16/2019. Late penalty: 20 points per week after due date.**• No resubmission after receiving the score. You MUST completely test your program before you submit the project.****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 banking system using MySQL, HTML and PHP.
 - You can refer to demo: <http://imc.kean.edu/CPS3740>
 - Your project URL must be: <http://eve.kean.edu/~xxxx/CPS3740> where xxxx is your eve ID.
 - You must use and implement the table, and store data on the required databases at **imc.kean.edu**.
 - Submit your project #1 through the class grade/submission system. <http://imc.kean.edu/students>
 - All the link (p1, display, login) should call programs under current folder. No link to eve or other servers.
 - Note: The program name must be exactly the same as indicated “*”. Otherwise, your project won’t be graded.
 - Note: Your project will not be graded if the system detects plagiarism in your programs.
- Phase #1 will require you to develop the following functions (total 100 points).**
- (10 pts)** Create a CPS3740 project website on **eve.kean.edu** as shown in Figure 1.
 - (4 pts)** Permission mode 705 for your project folder and all PHP/HTML files.
 - (4 pts)** Your **project** URL should be: <http://eve.kean.edu/~XXXXXX/CPS3740/index.html>.
 - (2 pts)** The main page should show your name and two links to project 1 and project 2.
 - (10 pts)** When clicking on the **Project 1** link, please show the following features as shown in Figure 2.
 - (2 pts)** Display welcome message **with your name** and Project 1.
 - (2 pts)** A link to list all customers in the bank.
 - (4 pts)** Two textboxes for customers to enter login ID and password, and a submit button.
 - (2 pts)** You have to use POST method to implement the HTML FORM.

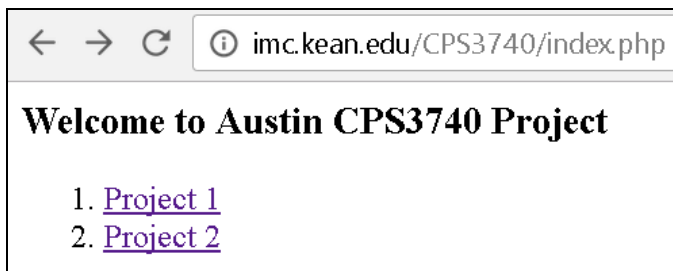


Figure 1. project main page

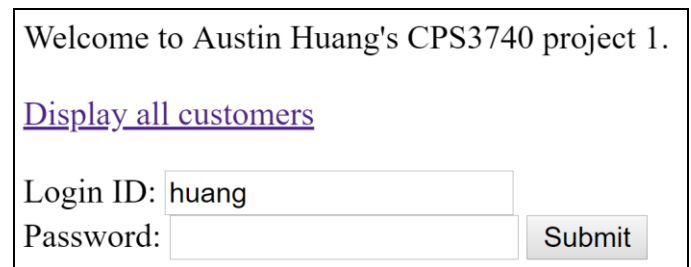


Figure 2. project 1 page

- *(15 pts)** When clicking on the link “**Display all customers**”, a program named “**display_customers.php**” should be called to list all customers **at CPS3740.Customers** table, a sample is shown in Figure 3. The data might be changed later.
 - (10 pts)** You must be read from the table **CPS3740.Customers**. It cannot be hard coded.
 - (3 pts)** The output should be aligned for all columns using HTML <TABLE> tag.
 - (2 pts)** A column header with column names should be displayed at top.

The following customers are in the bank system:

ID	login	password	Name	Gender	DOB	Street	City	State	Zipcode
1	huang	2019	Austin Huang	M	1980-03-13	1000 Morris Ave.	Union	NJ	07083
2	mary	1234	Mary Lee	F	1990-08-13	300 Central St.	Newark	NJ	07029
3	tim	2018	Tim Smith	M	1970-12-20	120 Main Ave.	Edison	NJ	07731
4	sarah	3740	Sarah Wu	F	1965-02-19	319 King St.	Union	NJ	07083

Figure 3. Sample - Customer list in the database (the values might be changed)

4. ***(30 pts)** Authentication: A program named **"login1.php"** be called to do the following functions after the **Submit** button is clicked.
- 4.1 **_____ (10 pts)** The customer login and password must be read from the table **CPS3740.Customers**. 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 or password is **empty**, please show corresponding error messages and exit the program and **NOT** access the database.
 - If both login and password are not empty, the program should access the table **CPS3740.Customers** to verify the **login** and **password**.
 - 4.4 **_____ (5 pts)** If the login does not exist in the database, please display an error message "Login XXXX doesn't exist in the database" and exit the program.
 - 4.5 **_____ (5 pts)** If the login exists in the database, but password doesn't match the record in database, please display an error message "login xxxx exists, but password not matches." and exit the program.
5. ***(35 pts)** Successfully login - If the login and password match the records in the database, your program **"login1.php"** should do the followings. Please refer to the project 1 main page shown in Figure 4.
- 5.1 **_____ (5 pts)** Display the customer's **name, age, street, city, zipcode**.
 - 5.2 **_____ (10 pts)** Display customer's IP address and display an message "You are (NOT) from Kean domain." under the IP address, if the customer (NOT) login from Kean domain (10.*.*.*) or (131.125.*.*)
 - 5.2 **_____ (10 pts)** Display all records and all columns in your **Money_xxxx** table that you created and inserted in Homework1. The results must be aligned using HTML <TABLE> with meaningful headers.
 - 5.3 **_____ (5 pts)** If the type is deposit, the amount should be shown in blue color. If the type is withdraw, the amount should be shown in red color.
 - 5.4 **_____ (5 pts)** Calculate and display the balance under the table.

Your IP: 100.100.100.100					
You are NOT from Kean University.					
Welcome Customer: Austin Huang					
age: 38					
Address: 1000 Morris Ave., Union, 07083					
The transcatons for customer Austin Huang are: Saving account					
ID	Code	Operation	Amount	Date Time	Note
1	xy001	Deposit	4000	2018-12-25 17:10:33	Manually inserted
2	xy002	Withdraw	-2000	2018-12-25 17:10:33	Manually inserted
3	xy003	Deposit	3000	2018-12-25 17:10:33	Manually inserted
4	xy004	Withdraw	-1000	2018-12-25 17:10:33	Manually inserted
Total balance: 4000					

Figure 4. Project 1 main page after the customer login successfully