Kent State University

CS 44105/54105 Web Programming I Fall 2017

Assignment 4

Posted: 12/5/17

Due: 12/10/17, 11:59pm

Questions? email me at aalali1@kent.edu

A. Book Rep Customer Relations Management

Vision

Demonstrate your ability to fill arrays from text files and then display the content.

Functional Requirements

- **1.** You have been provided with a PHP file (book.php) that includes all the necessary markup. You have also been provided with two text files: customers.txt and orders.txt that contain information on customers and on customer's orders.
- **2.** Read the data in **customers.txt** into an array, and then display the customer data in a table. Each line in the file contains the following information: customer id, first name, last name, email, university, address, city, state, country, zip/postal, phone. You will notice that you are only displaying some of that data.
- **3.** Each customer name must be a link back to **book.php**, but with the customer id data as a query string (see Figure).
- **4.** When the user clicks on the customer name (that is, makes a request to the same page but with the customer id passed as a query string), then read the data in **orders.txt** into an array, and then display any matching order data for that customer (see Figure). Each line in the orders file contains the following data: order id, customer id, book ISBN,

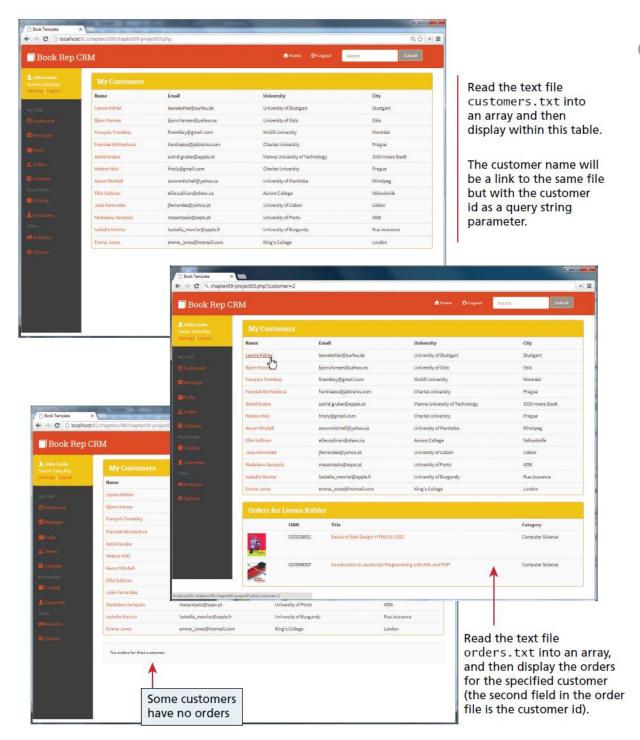
book title, and book category. Be sure to display a message when there is no order information for the requested customer.

5. Test the page in the browser. Verify the correct orders are displayed for different customers. Also note that the customer name is displayed in the panel heading for the orders.

Non-Functional Requirements

- **6.** You must submit valid and semantically appropriate HTML5. <u>Validate</u> your pages using HTML5. Submit zero warning and zero error pages.
- 7. You are supplied with the necessary images, CSS files, as well as the starting PHP files. Download the <u>Start</u>. Start folder has the necessary distribution of bootstrap.
- **8.** Submit your work to your class repository, your folder at this point should like this directory structure:

```
assignments
  - assignment1
 -- assignment2
    assignment3
    assignment4
        BookRepCustomerRelationsManagement
            bootstrap3_bookTheme
            images
                book-header.inc.php
              -- book-left-nav.inc.php
                book.php
            data
              -- customers.txt
              -- orders.txt
inclassprojects
YOURNAME.txt
```



Grading

The grade will be broken down as follows:

<u>Points</u>	<u>Mark</u>
Functional requirements $(1,2,3,4)$ and 5	(95/100)
Nonfunctional requirements (6, 7, and 8)	(5/100)