

# 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](mailto: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. [Validate](#) 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 [Start](#). 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
|           |-- ...
|           |-- src
|               |-- book-header.inc.php
|               |-- book-left-nav.inc.php
|               |-- book.php
|           |-- data
|               |-- customers.txt
|               |-- orders.txt
|-- inclassprojects
|-- YOURNAME.txt
```

Book Rep CRM

My Customers

Name	Email	University	City
Leonie Köhler	leonekohler@surfeu.de	University of Stuttgart	Stuttgart
Björn Hansen	bjorn.hansen@yahoo.no	University of Oslo	Oslo
François Tremblay	ftremblay@gmail.com	McGill University	Montréal
František Wichterlová	frantisek@jetbrains.com	Charles University	Prague
Astrid Gruber	astrid.gruber@apple.at	Vienna University of Technology	1010 Innere Stadt
Helena Holý	hholy@gmail.com	Charles University	Prague
Aaron Mitchell	aaronmitchell@yahoo.ca	University of Manitoba	Winnipeg
Ellie Sullivan	ellie.sullivan@shaw.ca	Aurora College	Yellowknife
João Fernandes	jfernandes@yahoo.pt	University of Lisbon	Lisbon
Madalena Sampaio	masampaio@sapo.pt	University of Porto	4350
Isabelle Mercier	isabelle_mercier@apple.fr	University of Burgundy	Rue Jouvence
Emma Jones	emma_jones@hotmail.com	King's College	London

Read the text file `customers.txt` into an array and then display within this table.

The customer name will be a link to the same file but with the customer id as a query string parameter.

Book Rep CRM

My Customers

Name	Email	University	City
<a href="#">Leonie Köhler</a>	leonekohler@surfeu.de	University of Stuttgart	Stuttgart
<a href="#">Björn Hansen</a>	bjorn.hansen@yahoo.no	University of Oslo	Oslo
<a href="#">François Tremblay</a>	ftremblay@gmail.com	McGill University	Montréal
<a href="#">František Wichterlová</a>	frantisek@jetbrains.com	Charles University	Prague
<a href="#">Astrid Gruber</a>	astrid.gruber@apple.at	Vienna University of Technology	1010 Innere Stadt
<a href="#">Helena Holý</a>	hholy@gmail.com	Charles University	Prague
<a href="#">Aaron Mitchell</a>	aaronmitchell@yahoo.ca	University of Manitoba	Winnipeg
<a href="#">Ellie Sullivan</a>	ellie.sullivan@shaw.ca	Aurora College	Yellowknife
<a href="#">João Fernandes</a>	jfernandes@yahoo.pt	University of Lisbon	Lisbon
<a href="#">Madalena Sampaio</a>	masampaio@sapo.pt	University of Porto	4350
<a href="#">Isabelle Mercier</a>	isabelle_mercier@apple.fr	University of Burgundy	Rue Jouvence
<a href="#">Emma Jones</a>	emma_jones@hotmail.com	King's College	London

Orders for Leonie Köhler

ISBN	Title	Category
0133128911	Basics of Web Design: HTML5 & CSS3	Computer Science
0133068307	Introduction to JavaScript Programming with XML and PHP	Computer Science

No orders for that customer

Some customers have no orders

Read the text file `orders.txt` into an array, and then display the orders for the specified customer (the second field in the order file is the customer id).

# Grading

The grade will be broken down as follows:

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