

**PROJECT 3: Book Rep Customer Relations Management****DIFFICULTY LEVEL:** Intermediate**Overview**

Demonstrate your ability to instantiate classes from text files and then display the content. This project has output identical to Chapter 9 Project 3.

**Instructions**

1. You have been provided with a PHP file ([Chapter10-project03.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 their orders. (These files are the same as files from Chapter 9 Project 3.)
2. Define classes to encapsulate the data of a Customer and an Order. Each line in the file contains the following information: customer id, first name, last name, email, university, address, city, state, country, zip/postal, phone. Each line in the orders file contains the following data: order id, customer id, book ISBN, book title, book category.
3. Read the data in [customers.txt](#) and for each line in that file create a new instance of Customer in an array, and then display the customer data in a table.
4. Each customer name must be a link back to [Chapter10-project03.php](#) but with the customer id data as a query string.
5. When the user clicks on the customer name (i.e., 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 of Order objects, and then display any matching order data for that customer. Be sure to display a message when there is no order information for the requested customer.

**Test**

1. 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.
2. Try writing a `print_r()` statement to output the structure of all Customer and Order objects and verify they match the data in the files.

**HANDS-ON  
EXERCISES****PROJECT 10.3**

John Locke  
Senior Sales Rep  
Settings | Logout

My CRM

Dashboard

Messages

Tasks

Orders

Calendar

Knowledge

Catalog

Customers

Other

Analytics

Options

My Customers

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Orders for Emma Jones

	ISBN	Title	Category
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	0132832887	Aerodynamics for Engineers	Engineering
	0321899970	Technical Communication	English