# Project 1: PHP/MySQL connectivity

### Introduction:

Our goal for this project is to introduce you to the process of allowing clients to interact with your database using PHP scripting.

You will complete a very basic e-commerce platform. This is intended to have you practice basic PHP database interaction and sessions, you will not be expected to add the security and functions that a live e-commerce site would require.

### Instructions:

1. Start up your XAMPP server (or the server of your choice)
2. Create a database in your MariaDB server based on these tables:
3. Save the SQL you used to create the table as BookStoreCreator.SQL
4. Insert at least 5 different items of your choice into the BookInventory table, for example PHP 6.0 Book with quantity 7
5. Save the SQL you used to insert the data as InsertBookInventory.SQL
6. Create an index page that allows the user to navigate to a "BookStore" section.
7. Create a store page. Create a session/cookie. This page should get a database connection and use it to access the database. It should then display all the inventory items in the database. Each inventory item should be a link. When the user clicks on that link, it should save the choice the user made as a session variable/cookie. The link should then take the user to a check-out page
8. The check-out page should contain a basic form with a First Name, Last Name and payment options. When the user presses submit it should create a new Order, BookInventoryOrder and reduce the quantity of inventory by 1.

### Grading:

1 mark: Normalized Database

1 marks: Interacting with database using PHP

1 mark: Cookies/Sessions Implemented

1 mark: Check-out page inventory works

1 mark: User experience

1 mark: Appearance

1 mark: Overall effort

1 marks: Proper validation

2 marks: GitHub Repo with version control