ICP 3046
Web Based Applications

Labs 11 and 12: Finishing the Checkout

Introduction

In this lab you will finish your checkout process by asking the customer to enter a billing address and choose a payment method. At this time we will not use a real payment provider, and we will assume that payment is always made successfully. You will save the details of the products ordered and the address details. You will also ensure that your customer can see details of orders they have placed. **This work is not assessed.**

You have two lab sessions plus your own time to complete the work.

Lab Exercise

1) When the shipping details page is submitted it should check that an address has been entered. If it has then proceed to the payment details page, otherwise show an error message.

2) When the payment details page is submitted it should check that a payment method has been selected, a billing address entered, and that the terms and conditions have been agreed to. If this is all present redirect the user to the success page, otherwise show an error message and allow the user to correct the error.

3) Read about the PayPal Sandbox at
   https://developer.paypal.com/docs/classic/lifecycle/sb_overview/

4) Research PHP methods for processing payments using PayPal

5) Change your e-commerce checkout so it uses the PayPal sandbox. If payment is made successfully show your normal success page. If payment fails then return to the payment details page.

6) On your success page show a success message to the customer, including their unique order ID. Save the following details to your MySQL database:
   a. The customer details
   b. The products the customer ordered
   c. The delivery address
   d. The payment address
   e. The payment method chosen
   f. The order date and time

7) Create a page *orders.php* that shows a logged in customer the order ID and order date of all orders they have placed. When an order ID is clicked on, the details of that order including products ordered, billing address, delivery address and payment method must be shown.

8) Modify your checkout process to send an email to a customer immediately on completion of an order. This email must include the order ID, products ordered, billing address, delivery address and payment method.