April’s Reflective Journal

**Student Name:** Daniel Costel Neagu

**Student ID:** X17128463

**Programme:** BSc (Honours) in Computing - Software Development

**Project Title:** *Farmers Market.ie*

# Week 27: 29th March/ 4th April

This week focus is to create the Product Details page where the website’s customers can view the chosen selected product with more details.

The Product Details page is created, and the customer can view the chosen product on a separate page with all the expected features to be found on a similar E-Commerce website page.

On the Product Details page the customer can view the description and information’s about the current product displayed, the number of rated stars, how many ratings and how many reviews the product received from other customers. In this way, the Customer can get a better understating of what is buying and get a reassuring peace of mind that is getting a good quality product.

Here the product is presented on the left-hand side of the page whit a few small thumbnail images and a bigger size image that is the main product picture, on this page we can find any applicable discounts made and any available offers with this product offer.

Still on this page, the customer can find two more options buttons that are going to allow him to add the product to his shopping cart or to buy now the product.

Next week focus is to create the shopping Cart Page that is going to allow the customers to place and view their selected products to buy before checking out.

# Week 28: 5th April / 11th April

This week focus is to create the Shopping Cart Page that is going to allow the customers to place and view their selected products to be bought before checking out.

The Shopping Cart Page is composed of two main parts, one part is dealing with displaying the cart content and the second part is displaying the breakdown of the total bill.

The Shopping Cart Page was created and now the customers can view all added shopping products added to the cart with its afferent time needed to be delivered to the customer address. A quantity incrementation option, a save for later, remove and place order options buttons are available to the customer’s discretion to be used too as needed.

On this page, the customer can view as well the total price details that there are going to be charged on, with a price breakdown showing the price for each item and the delivery charges.

Next week focus is to enable the cart quantity and the price details to be updated on the current page by adding or removing the number of a produces quantity and then the price breakdown to reflect these new changes.

# Week 29: 12th April / 18th April

This week focus caries on finishing the Cart Page that I have started last week, now I only have to implement and enable the quantity of the product to be changed and the price to show the new updates made by this action in the Cart Page.

The new implementation is enabled as planned and now the Cart Page is fully functional. After the development of this page was completed this week, the customer can successfully increase or decrease the quantity of produces from their cart or remove entirely produces from it too.

The price details now reflect all the changes that the customer does on the cart and by pressing the Place Order button the customer can proceed to the next page that is the Checkout Page, this page will be the next step taken towards completing his purchase on the Farmers Market website.

Next week focus is to create the Checkout Page, on this new page that I will develop the customer can update his details with the address where the purchases can be delivered and the payment method too.

# Week 30: 19th April / 25th April

This week focus is to create the Checkout Page that is going to allow the customer to edit user details for the current purchases to be made.

The Checkout Page is now fully developed and is enabling the customer to finalize user purchase in few steps.

On this page, the customer can add a new address, edit or select an already existing address where the products can be delivered too. Still on this page, the customer can review the order summary and take actions by modifying it, the price breakdown can be revied again and he can select a payment option but for the moment this option will be cash on delivery.

A confirm order button is present after all the necessary steps are completed to allow the purchases to be done.

Next week focus is to create an Order Details Page following the Checkout Page on completion of the transaction, then the Ordes Page which is a holder from where all the orders made on the platform by the user can be viewed from. On the Admin application side, the Orders Page will be enabled where an admin can actively act on an order made from a transaction coming from the Farmers Market web site.

# Week 31: 26th April / 2nd May

This week focus is to create the Farmers Market Order Details, Ordes Pages and the APIs that it will allow the user to review all the purchase made on the platform by the current account holder. This week I will create the Admin Orders Page too on the Admin application to perform actions on the incoming and outcoming transactions made on the platform.

Order Details Page is now up and running, here the user can view again the recent transaction made and is displayed just after the Checkout Page. The same page can be displayed when a specific order is selected from the Orders Page and the user can view the progress made by the seller as the most important part of the information on this page among other specific information. The state of progress of the order is represented in an infobox that states if the order was Packed, Shipped or Delivered by the Farmers Market team.

Ordes Pages is completed too and here the user can view all time orders made on the account by them. On this page, the user can select a specific order and review it on the Order Details Page.

Admin Orders Page is up and running too and is giving the admin to view and take actions on all orders coming into the system from all the user. Here the admin can change the order status from Packed, Shipped or Delivered accordingly. As soon as an order gets updated the user can view it on his Order Details Page.

For the next two weeks focus will be to improve and fix my code, create the Footer as a component, create the Home Page and deploy the code on the cloud.