

Ecommerce System Assignment

WeRobot

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Requirements Review

General Requirements Progress

Req. #	Title	Comment	Status
G0	View the Products Currently on offer		COMPLETED
G1	View details about a particular product		COMPLETED
G2	Add a product to their shopping cart		COMPLETED
G3	Remove a product from their shopping cart		COMPLETED
G4	Search for a product.		COMPLETED
G5	Create a customer account		COMPLETED
G6	Log in to their account.		COMPLETED

Logged in Customer Requirements Progress

Req. #	Title	Comment	Status
C0	Go to the checkout to purchase orders in their shopping cart.		COMPLETED
C1	Use a (fake) payment portal to pay for their goods.		COMPLETED
C2	View their order history		COMPLETED

Logged in Owner Requirements Progress

Req. #	Title	Comment	Status
O0	Login via the same interface as (G7)	Our interpretation of the Owner was to have an owner be a customer with a shop. Rather than a specifically different type of Object. This was mainly informed by this requirement which we felt was best handled by having them all be part of the same repository. As well as that an owner should have all the features of a customer. We feel our interpretation fully fits the requirements.	COMPLETED
O1	Add products to the shop		COMPLETED
O2	Hide existing products (that are no longer available)		COMPLETED
O3	View all orders		COMPLETED
O4	Change the state of orders		COMPLETED
O5	Edit their product details.		COMPLETED

Technologies Used

Describe any additional (beyond those covered in the module) technologies you have used in the project. Use as much space as you require to do this, explaining where/how each technology is used in the project.

We used mockflow to create wireframes for our web site planning. We used no other technologies outside of what was covered in this module to code the website. However, we did use w3schools as references for code.

Additional Requirements

Total price calculation.

Added Rating System

Created rating star system.

Could give a product a rating.

Summarise these requirements using the requirements table below.

Req. #	Title	Comment	Status
A0	Total Price	When at checkout it total price of purchase is displayed. However, it still has a few bugs in it. Requires a page refresh to view the new total after a product has been removed	Partial
A1	Added rating system	All products have a rating between 1 and 5. This rating is averaged by the rating of the customer by the number of customers	Completed
A2	Created a rating star system	Products are dynamically given between 1 through 5 stars depending on its rating	Completed
A3	Could give a product a rating.	After purchasing a product the customer can give it a rating between 1 and 5	Completed

Reflections

Me and my team's reflections on the project is a lot. We started this project with a weak understanding of the underlying systems. The interactions between Java, JavaScript and HTML. We're confusing for us a lot of the time. However, over the course of the project we came to understand them more and more.

One thing we would do differently is that we would plan the project better. One large problem we had was when we realized that we would require an orders class. By the time we implemented it. A lot of the features that should have relied on it we're already implemented. This meant that we had to uproot quite a bit of work so that we could put it down on these new foundations.

Overall, we feel that if we had to start again, we would be able to achieve more, better and faster. However, for what we have achieved we feel proud.