The Ramon Emporium

Your friendly purveyor of all Ramon based products!
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Introduction

Our Mission Statement

Originally established in August of 2006, our company has always sought to make available any and all Ramon based products to the public. Due to the emphasis on the stay at home life in 2020, by providing students and faculties at the UBC Okanagan Campus the easy online opportunity to purchase merchandise inspired by their favorite professor they will be invigorated to do well on assignments, exams, work, and their home life. We also hope that this will help bridge the gap between students and faculty by providing a form of pseudo in-person interaction.

Executive Summary

The Ramon Emporium provides students, professors, co-workers, and political figures with the opportunity to acquire products inspired by *the* Ramon Lawrence. With the immense impact that Dr. Lawrence has in the realm of databases, such as community work with the City of Kelowna, his personal business Unity JDBC, and actively working with and guiding graduate students to make an impact, Dr. Lawrence is the perfect figurehead for Computer/Date Science Entrepreneurship - especially in one of the biggest entrepreneurship hubs in British Columbia, Kelowna.

The Ramon Emporium proudly allows customers to select products that cater to their needs. We offer five different categories of products: Religious, Hero/Villain, Fantasy, Sci-Fi and Pop Culture. These product categories were decided by our research and development team, with our sample being Dr. Lawrence's current (at the time of product launch) COSC 304 class. The demand was found mostly in the subclass "Gang" that are referred to as "Group 16". While the Ramon Emporium is not a foundation made in partnership with Group 16, The Ramon Emporium supports their work.

System Features

	CATEGORY	POINTS	COMPLETED
DOCUMENTATION (10 POINTS)			
Executive Summary	Core	2	✓
System Features	Core	2	✓
Walkthrough	Core	6	✓
HOSTING (10 POINTS)			
Running on cloud server	Advanced	10	✗
MAIN/HOME PAGE (14 POINTS)			
Search for product by name	Core	1	✓
Browse products by category	Core	1	✓
List products (by search/browse)	Core	1	✓
List products with image	Core	1	✓
Page header with menu	Basic	1	✓
Page header shows current user	Basic	1	✓
Dynamic products based on sales	Basic	2	✓
Improved UI	Basic	2	✓
Product recommendation based on user	Advanced	4	✗
SHOPPING CART (8 POINTS)			
Add to Shopping cart	Core	1	✓
View shopping cart	Core	1	✓
Update quantity in cart w/ data validation	Basic	1	✗

Remove item from cart	Basic	1	✓
Improved formatting	Basic	1	✓
Cart stored in database between sessions	Basic	3	✗
CHECKOUT (9 POINTS)			
Checkout with customer ID	Core	1	✓
Checkout with payment/shipment info	Basic	2	✓
Checkout with data validation	Basic	2	✓
Multiple shipments per order supported	Advanced	2	✗
Calculate taxes/shipping fee (by item/state)	Advanced	2	✓
PRODUCT DETAIL PAGE (2 POINTS)			
Product Detail page and item description	Core	1	✓
Product detail has an item from database	Core	1	✓
USER ACCOUNT/LOGIN (12 POINTS)			
Create user account page	Basic	2	✓
Create account with data validation	Basic	2	✓
Edit user account info	Basic	2	✓
Login/Logout	Core	1	✓
Register user/Forgot password email	Advanced	4	✗
Page listing all orders for user	Core	1	✓
PRODUCT REVIEWS (5 POINTS)			
Ability to enter review on product	Basic	2	✓
Display product review on product page	Basic	1	✓

Limit to one review per user	Advanced	2	✓
WAREHOUSE/INVENTORY (5 POINTS)			
Display item inventory by store/warehouse	Basic	2	✓
Edit item inventory by store/warehouse	Advanced	3	✗
ADMINISTRATOR PORTAL (19 POINTS)			
Secured by login	Core	1	✓
List all customers	Core	1	✓
List report showing total sales/orders	Core	1	✓
Report with a graph	Advanced	3	✓
Add new product	Basic	2	✓
Update/delete product	Basic	2	✓
Change order status/ship order	Basic	1	✓
Upload a photo to file system for product	Advanced	2	✗
OR: Upload a photo to database for product	Advanced	4	✗
Database restore with SQL script	Basic	2	✓
Add/update warehouse, customer	Basic	2	✗
DATABASE SYSTEM/GENERAL (16 POINTS)			
Implement some validation using triggers	Advanced	2	✗
Use AJAX for some pages	Advanced	4	✗
User interface and navigation ability	N/A	5	✗
Other	N/A	5	✗

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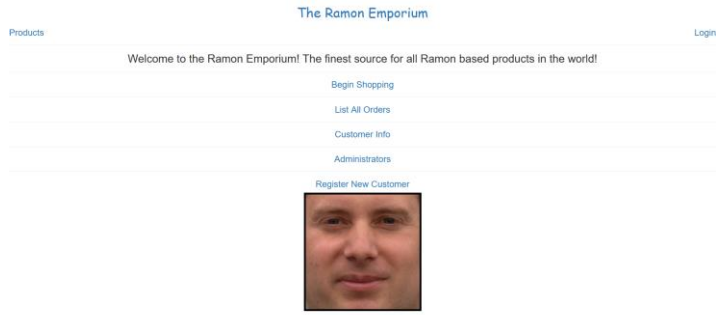
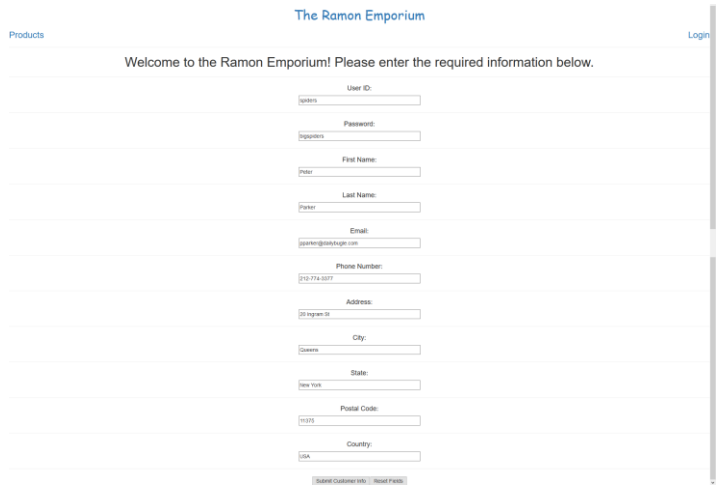
Walkthrough

Unfortunately, you will not be able to follow along at this time. Our public server has been taken down by an aggressive hack from our mortal enemies, the Ramone Boutique. Once we have utterly crushed their knock-off Ramone products and poor-taste nickname, we will be able to re-host our website!

Section 1: Creating a new account

1	Hello, and welcome to the Ramon Emporium! Today we will be showing you how to get started on our website by creating a new account! First you will want to click on the 'Register New Customer' button at the bottom of the menu.	
2	Here you can see all the required fields for submitting a new account to the Ramon Emporium. It looks like we have a new customer already signing up! Once you've filled out all the fields, just hit submit! If you make a mistake or forget one, don't worry. You'll be automatically brought back to try again!	

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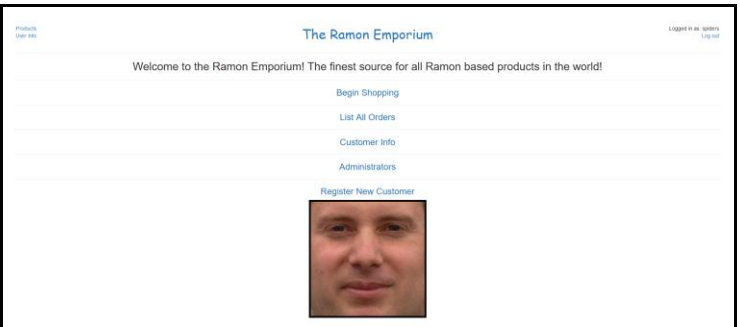
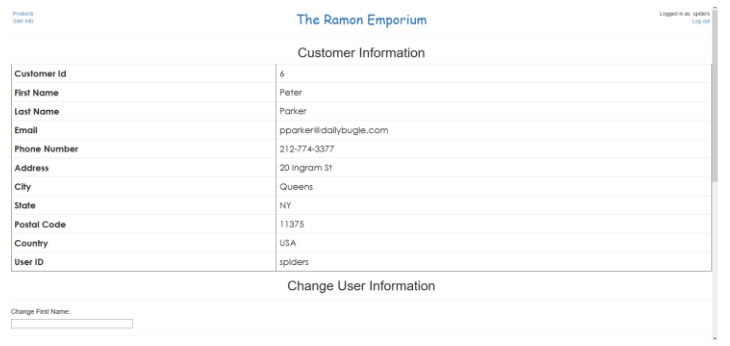
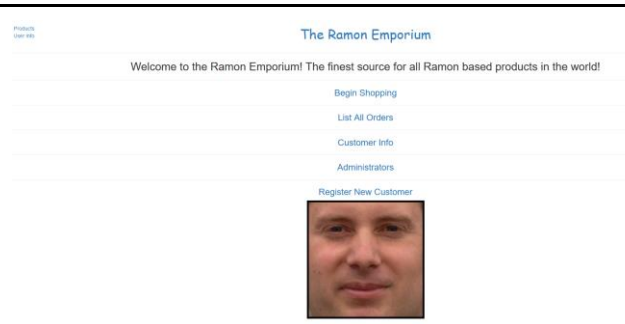
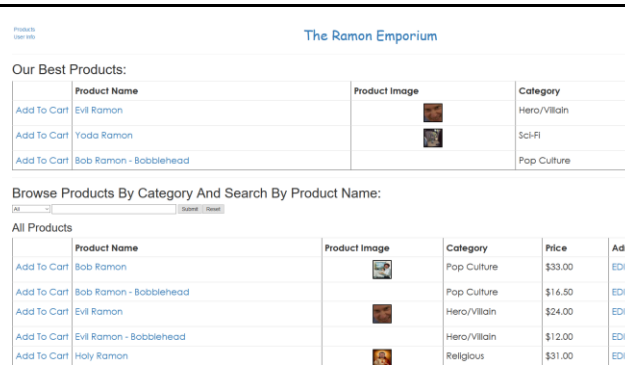
3	Now that we've hit submit, we're automatically signed in to our new account!	
4	Clicking on 'Customer Info' in the main menu or 'User Info' in the top right will bring us to our profile, showing us all our information stored in the database. If something changes, you can always scroll down and fill it in!	

Section 2: Shopping for products

1	Now that we have created our account, let's go shopping! Clicking 'Begin Shopping' in the main menu or 'Products' in the header will take you directly to our product listing!	
2	Here we can see all the products currently sold by the Ramon Emporium. Fixed at the top are our currently best selling products!	

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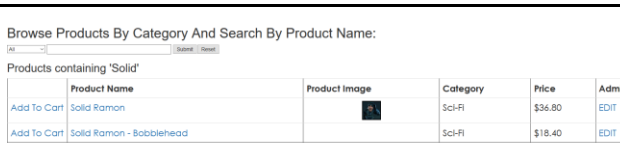
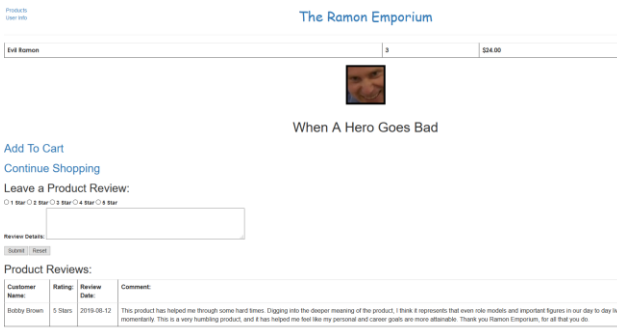
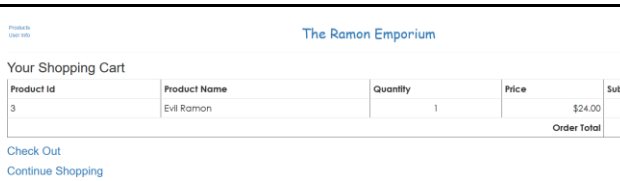
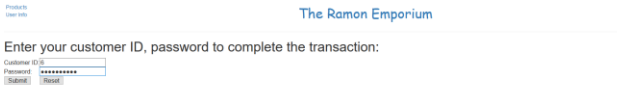
3	We can search by category . . .	
4	. . . by product name . . .	
5	. . . or by both!	
6	We've looked through our products, and we have decided! We want to buy an Evil Ramon poster, the most popular product in the store. Clicking on the product brings us to its page, showing all the information on it including price, ID, description, image, and reviews!	
7	Now, let's add it to our cart. Doing so will bring us to a page to show us what is currently saved by us. We could add more, but for today we'll checkout with just Evil Ramon!	
8	Before we checkout, we've got to validate that it is actually us making the purchase. Don't want anyone to be able to pretend to be us and waste our money!	

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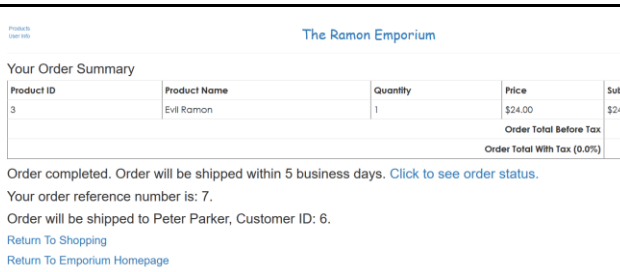
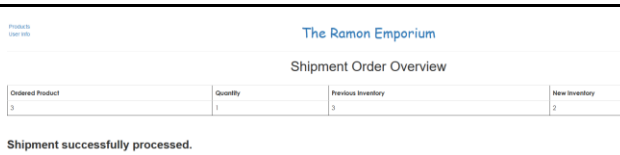
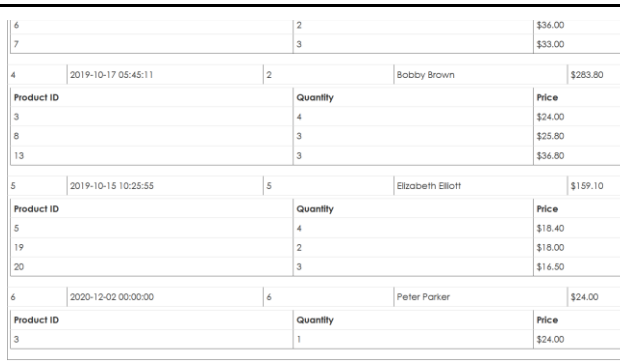
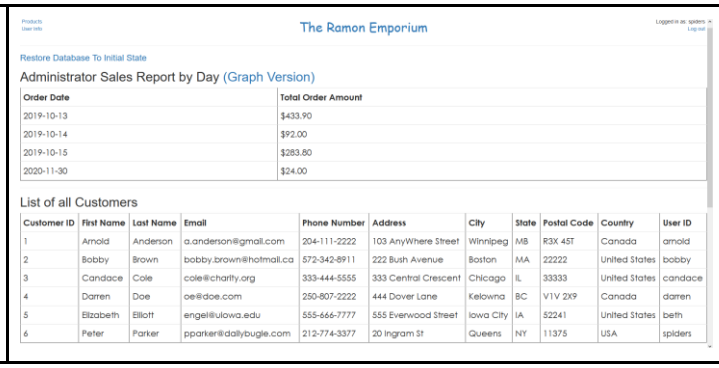
9	Now that we've validated and paid, we get an order summary! This will show us the products we've purchased, and their prices and total costs. We could go back to the main menu, but let's see what the status of our order is!	
10	This is great! The Emporium had enough stock of Evil Ramon to ship immediately! I can't wait for it to arrive! I think I'll hang it in the living room so he can watch everyone.	
11	Before we finish, let's take a look at the orders page. Our's is the most recent, so we can find it all the way at the bottom.	

Section 3: Administrator abilities

1	It would seem that our new customer, Peter, also has access to admin abilities! Opening up the administrator page we can see a list of sales on a day by day basis, as well as a full list of customer accounts.	

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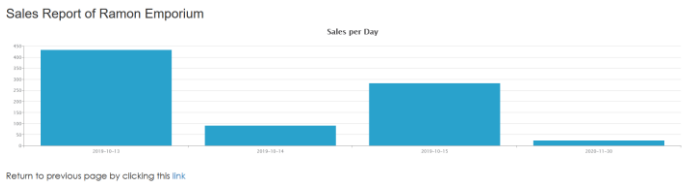
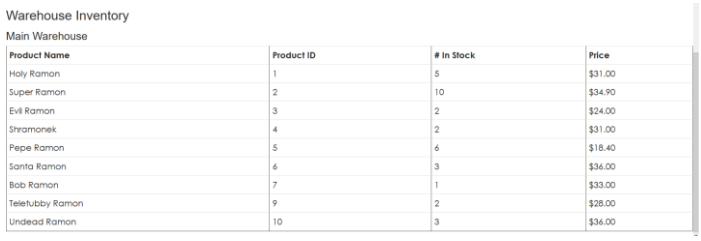
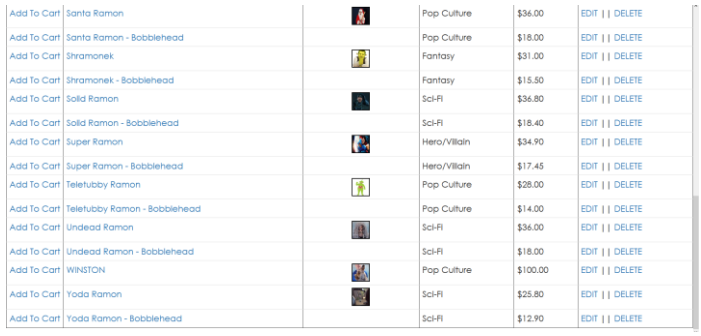
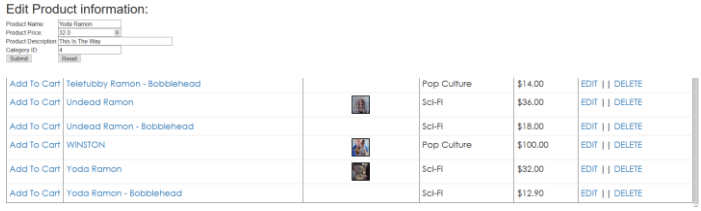
2	Let's open up the graph version of the sales. We can mouse over each to get an exact value, and we can chart how our sales have increased or decreased as time goes on.	
3	Further down in the admin page we have our inventory. As the Ramon Emporium is a local company, we have not yet expanded outwards. Our single warehouse is listed here with its full inventory.	
4	Another ability administrators have is to edit or delete products. Let's take a look.	
5	Our Yoda Ramon poster has become very popular, so I think it is time to raise the price. We'll open the edit page and increase the price from $25.80 to $32.00.	
6	Lastly, we will delete our limited edition WINSTON poster. Can't be limited if we keep selling it!	
7	If we decide that we don't like any of the changes we just did, we can restore our database with a handy yellow button on our Admin page. The button will ask for a confirmation. If accepted, ALL data in the database will be reset. It would be as if we were just freshly	

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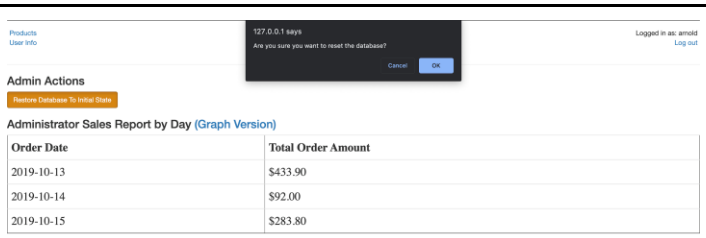
	loading the database.	

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