

# Pokémon.net

Your Black Market Dealer of Pokémons - Gotta Catch 'em All™

11.30.2019

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# 1 Introduction

## 1.1 Mission Statement

Pokémon.net - Your Black Market Dealer of Pokémons. Gotta catch 'em all™: To exploit your love of Pokémons for monetary gain and good grades. As Pokémons fans, we have always wanted to collect and capture Pokémons with ease. We almost achieved it when during a dislocated knee incident, one of our team was wheeled around playing Pokémons Go. BUT we knew we could make the process even easier for ALL trainers. Thus, Pokémon.net.

## 1.2 Purpose of Document

This document highlights the design, features, and a walkthrough for Pokémon.net Black Market Site. There will be both an administrator walkthrough, and a user walkthrough included.

## 1.3 Executive Summary

Pokémon.net - Your Black Market Dealer of Pokémons is a web-based e-commerce site that allows trainers to complete their pokédex with ease at the click of a button. Unlike the troublesome endeavor the traditional hunting of pokémons is becoming with the surplus of trainers. Pokémon.net allows you to outshine those traditionalist and truly "catch 'em all"™ for only a small fee, no walking necessary.

## 2 System Features

Final Overall System Features	Category	Possible Points	Points	Comments / Code Files
<b>Documentation (10 total points)</b>				
Executive Summary (up to 1 page)	Core	2		
System Features (2 pages)	Core	2		
Walkthrough with screenshots (up to 10 pages)	Core	6		
<b>Hosting (5 total points)</b>				
Running on cosc304 or external server	Core	5	5	
<b>Main/Home Page (up to 14 total points)</b>				
Search for a product by name	Core	1	1	
Browse products by category	Core	1	1	
List products (by search/browse)	Core	1	1	
List products with image	Core	1	1	
Page header with menu	Basic	1	1	
Page header shows current logged in user	Basic	1	1	
Dynamic products on page based on sales	Basic	2		
Improved UI (user-friendly, images, etc.)	Basic	2	2	
Product recommendation based on user	Advanced	4		
<b>Shopping Cart (up to 9 total points)</b>				
Add to shopping cart	Core	1	1	
View shopping cart	Core	1	1	
Update quantity (with data validation)	Basic	2	2	

Remove item from shopping cart	Basic	1	1	
Improved formatting/UI (e.g. in header bar)	Basic	1	1	
Cart stored in database between sessions	Basic	3		

**Checkout (up to 9 total points)**

Checkout with customer id	Core	1	1	
Checkout with payment/shipment info	Basic	2	2	
Checkout with data validation	Basic	2	2	
Multiple shipments per order supported	Advanced	2		Note: Requires DB change.
Calculate taxes/shipping (by items/state)	Advanced	2		Note: Requires DB change.

**Product Detail Page (up to 3 total points)**

Product detail page and item description	Core	1	1	
Product detail has an image	Core	1	1	
Product detail has an image from database	Core	1		

**User Accounts/Login (up to 16 total points)**

Create user account page	Basic	3	3	
Create account with data validation	Basic	3	3	
Edit user account info (address, password)	Basic	3	3	
Login/logout	Core	2	2	
Register user/Forgot password email	Advanced	4	4	
Page listing all orders for user	Core	1	1	

**Product Reviews (up to 5 total points)**

Ability to enter a review on a product	Basic	2	2	
Display product review on product detail page	Basic	1	1	
Restrict to one review per user on item purchased	Advanced	2	2	i used a subquery bc reasons

**Warehouses/Inventory (up to 5 total points)**

Display item inventory by store/warehouse	Basic	2		
Edit item inventory by store/warehouse	Advanced	3		

**Administrator Portal (up to 21 total points)**

Secured by login	Core	1	1	only admin login
List all customers	Core	1	1	
List report showing total sales/orders	Core	1	1	
Report with a graph	Advanced	3		
Add new product	Basic	2	2	
Update/delete product	Basic	2	1	
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	2	
Add/update warehouse, customer	Basic	2		

**Database System/General**

Implement some validation using triggers	Advanced	2	
Use AJAX for some pages	Advanced	4	
User interface and navigation/usability		Up to 5	
<i>Others (your suggestions)</i>		Up to 5	
Autoplay of Pokerap by BDG		5	

<b>Total: (out of 50 with maximum of 10 bonus marks. i.e. 60 points out of 50 is max.)</b>			55	

## 3 Walkthrough

For this walkthrough please use <https://cosc304.ok.ubc.ca/91175448/lab8/>

Admin Users:

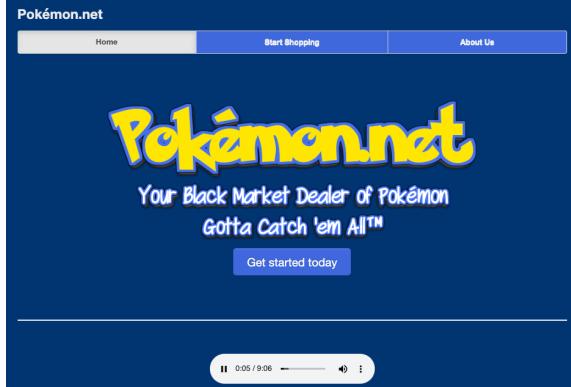
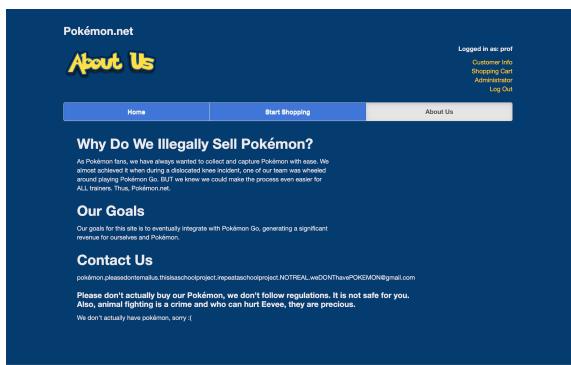
Professor Samuel Oak:	userid: prof	password: oak
Gym Leader Misty:	userid: mist	password: pysduck

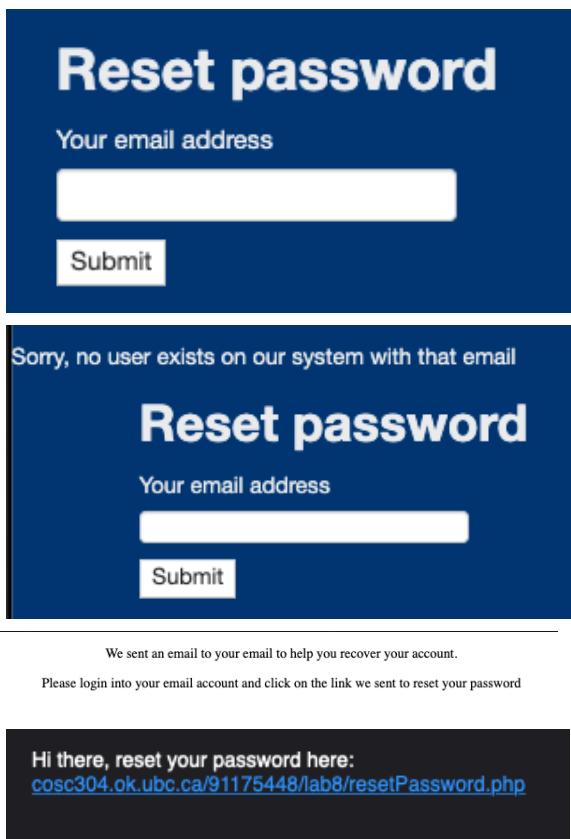
NonAdmin Users:

Gary Oak:	userid: ggoak	password: smellyalater
Ash Ketchum:	userid: ash	password: pikachu
Sapphire Birch:	userid: sapphire	password: passpass

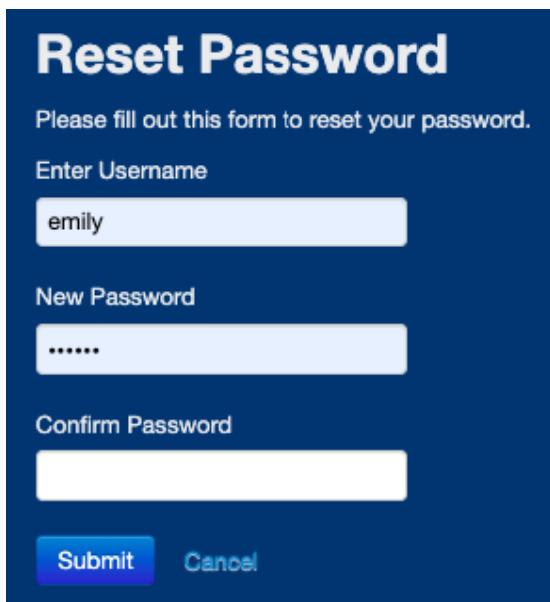
### 3.1 User Walkthrough

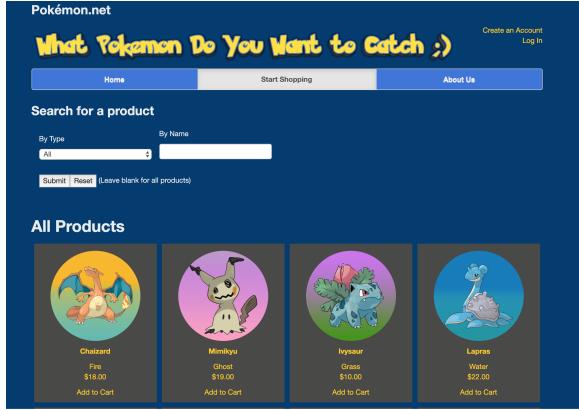
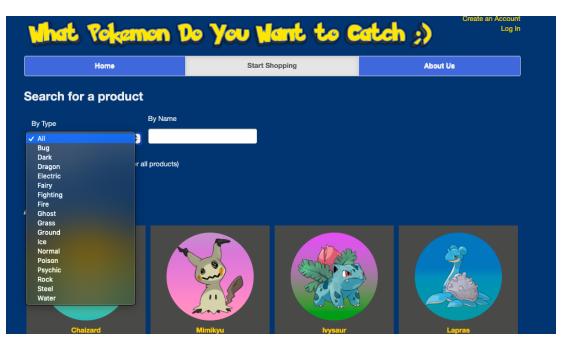
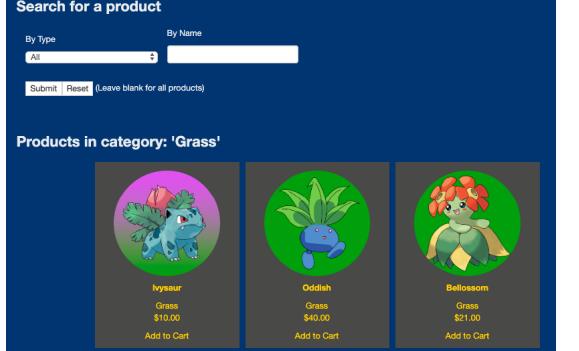
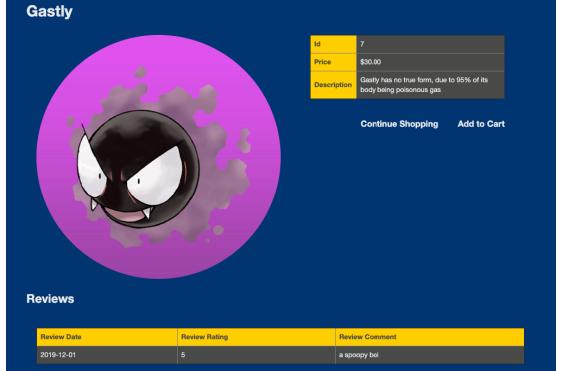
The following walkthrough demonstrates the user view of the website <https://cosc304.ok.ubc.ca/91175448/lab8/>. All functionality specific to the user is included below.

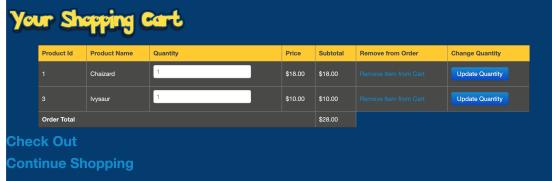
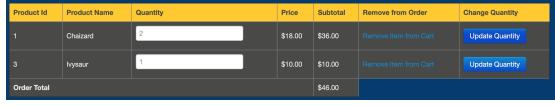
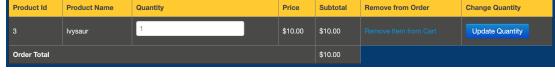
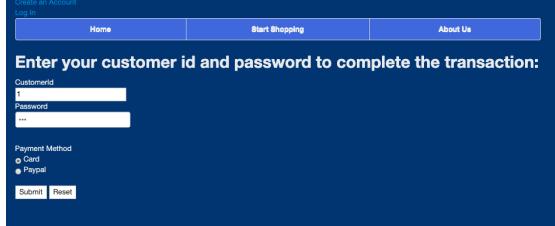
<p>1</p> <p>Welcome to the Pokemon.net homepage. Here you will find information about what we do and the services that we provide. To login or create an account visit the respective links 'Create an account' or 'Log in' above the navigation bar.</p> <p>The homepage also autoplays a looped version of the Pokérap by Brian David Gilbert.</p>	
<p>2</p> <p>To learn more about our goals, how to contact us, and our service, visit our about page via the 'About Us' button on the navigation bar.</p>	

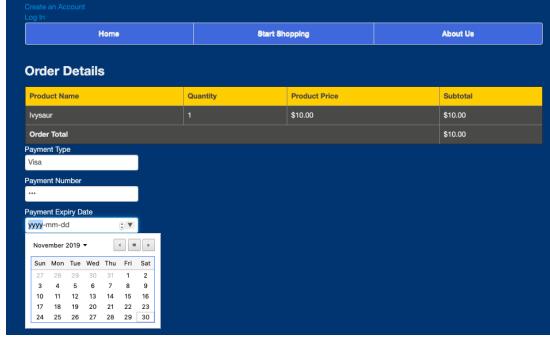
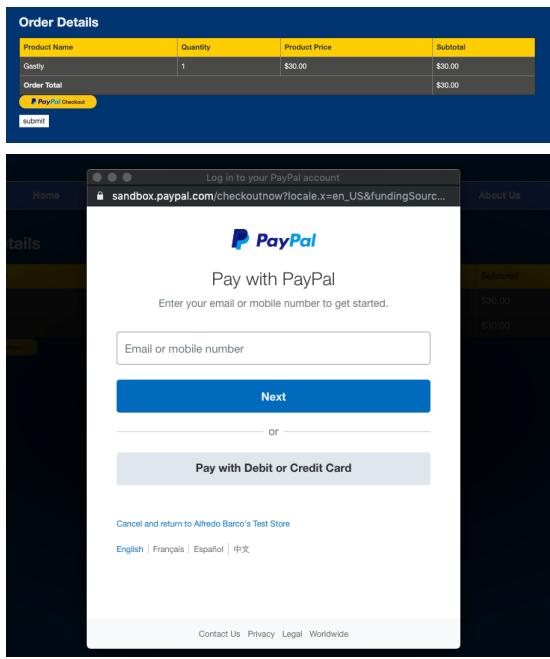
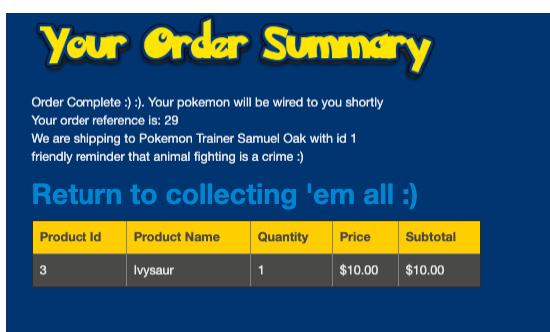
3	<p>The login page may be accessed through the 'Log in' button above the navigation bar or during checkout. A user will be prompted to log in during checkout if they have not already. To login as a user, use the username and password created from registration.</p> <p>If you have forgotten your password, click the forgot password link.</p>	
3a	<p>Enter your email. If you enter the wrong email you receive a message stating that there is no user with that email.</p> <p>Once a valid email has been submitted, the user is directed to a pending page and an email is sent.</p> <p>When the user goes to the provided URL. They can then reset their password.</p>	

		<p>A screenshot of a 'Reset Password' form. The page has a dark blue header with the title 'Reset Password' in white. Below the title is a placeholder text 'Please fill out this form to reset your password.' The form consists of three text input fields: 'Enter Username' containing 'emily', 'New Password' containing '*****', and 'Confirm Password' which is empty. At the bottom are two buttons: a blue 'Submit' button and a white 'Cancel' button.</p>
4	<p>The sign up page may be accessed 'Create an account' button above the navigation bar. A user will be prompted to fill out the fields for their username, first name, last name, email, phone number, address, city, state/province, postal code, country, and password. Users will need to confirm their password in order to submit the form. Users will also be redirected to the login page at the bottom of the form if they have previously registered for an account.</p> <p>Once their account is created they will receive an email congratulating them on their new account and providing their username.</p>	<p>A screenshot of a 'Sign Up' form. The page has a dark blue header with the title 'Sign Up' in white. Below the title is a placeholder text 'Please fill this form to create an account.' The form consists of several text input fields: 'Username' containing 'prof', 'First Name', 'Last Name', 'Email', 'Phone Number', 'Address', 'City', 'State', 'Postal Code', 'Country', 'Password' containing '...', 'Confirm Password', and 'Login here.' at the bottom. At the very bottom are two buttons: a blue 'Submit' button and a white 'Reset' button.</p>

		<p><b>katchemall.pokemon.net@gmail.com</b></p> <p>Congrats on Creating an Account!</p> <p>To: Emily Medema</p> <p>Hi there, thank you for creating an account on <a href="#">Pokémon.net</a>! Are you ready to catch em all with ease? Get started today! Here is your username: emily</p>
5	Once logged in 'Customer info' is now viewable alongside 'Shopping cart', 'Log out', and 'Reset Password' above the navigation bar. To view your information visit 'Customer info'.	
6	The customer information page contains all information specific to the user that the user completed during registration. The user is also given the ability to view their order history and edit their information.	
7	To reset your password use the 'Reset Password' button above the navigation bar. You will be redirected to the reset password page, where you will be prompted to create and confirm your new password.	

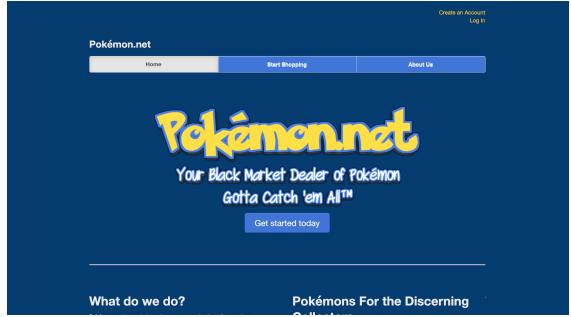
8	<p>To begin shopping for Pokemon, you can view the list of Pokemon available for purchase. All listed Pokemon include a name, price, and category based on type (i.e. Fire, Water, etc.). To add a Pokemon to your cart, click the button 'Add to Cart' on the bottom of the card.</p>	
9	<p>To sort by type or by name, use the search bar above the product table. You may select a type and/or a specific Pokemon by name to show on the product table.</p>	
10	<p>We have selected by type 'Grass'. Here we can now see all Pokemon available for purchase that are of the 'Grass' type. For more information about a particular Pokemon, click on the product name of the specific Pokemon to be redirected to product details.</p>	
11	<p>The product details page can be accessed through the product list page by clicking on the specific Pokemon name. Product details include the Pokemon name, id, price, description, and customer reviews. The product details page also allows to go back to the product list page by the link 'Continue Shopping'. To add a Pokemon to your cart via the product details page, click the 'Add to Cart' button below the table.</p>	

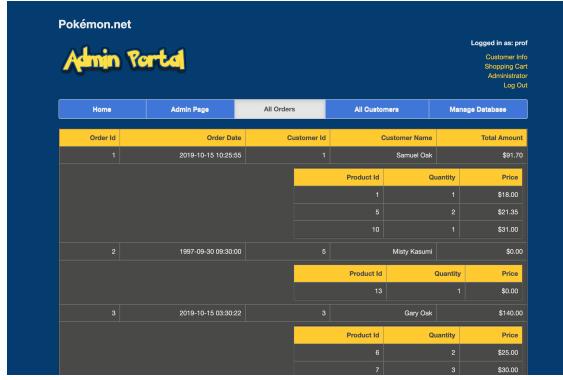
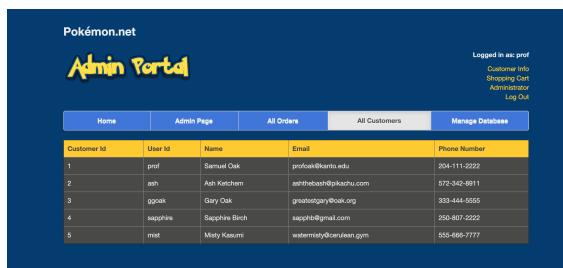
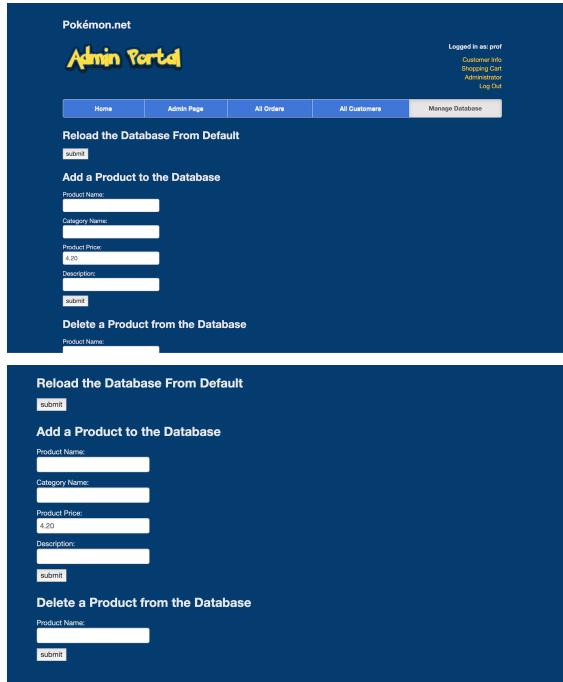
	If the user is logged in, they will also have the option to review the Pokémons on this page.	 A screenshot of a 'Review this Product' form. It has fields for 'Product Rating' (a dropdown menu), 'Comment' (a text area), and a 'submit' button. Below the form is a section titled 'Reviews' with the message 'There are no reviews of this item yet'.
12	A Pokemon can be added to your shopping cart via the product list or product details page through the buttons 'Add' on the product list page or 'Add to cart' on the product details page. Once a Pokemon is added to your cart, you will be redirected to the shopping cart page, including all items that have been added during the session.	 A screenshot of a 'Your Shopping Cart' page. It shows a table with two items: 'Chizard' and 'Ivysaur'. The table includes columns for Product Id, Product Name, Quantity, Price, Subtotal, Remove from Order, and Change Quantity. Buttons for 'Update Quantity' are present for each item. Below the table are 'Check Out' and 'Continue Shopping' buttons.
13	To change the quantity of a Pokemon in your shopping cart, change the value within the quantity field of the Pokemon you wish to add to remove quantities of, and then use the 'Update Quantity' button to update the quantity of that Pokemon. The price of that Pokemon will be updated according to its quantity, and the total of the shopping cart will be updated.	 A screenshot of a 'Your Shopping Cart' page showing the same items as the previous screenshot, but with a quantity of 2 for 'Chizard'. The total price for 'Chizard' is now \$36.00, and the total for the cart is \$46.00.
14	To remove a Pokemon entirely from your shopping cart, use the button 'Remove from cart'. The Pokemon will be removed entirely from the shopping cart. We can see after removing 'Chizard' both are removed after adding a quantity of 2.	 A screenshot of a 'Your Shopping Cart' page showing the same items as the previous screenshots, but with the quantity for 'Chizard' set to 0. The total price for 'Chizard' is now \$0.00, and the total for the cart is \$10.00.
15	Checkout. Here users can pick if they want to pay with PayPal or Credit Card.	 A screenshot of a checkout form. It includes fields for 'Customerid' (with value 1) and 'Password' (with value ''). Below these are payment method options ('Card' and 'Paypal') and buttons for 'Submit' and 'Reset'. At the top, there are links for 'Create an Account', 'Log In', 'Home', 'Start Shopping', and 'About Us'. A message at the top says 'Enter your customer id and password to complete the transaction.'

15a	<p>If they pick to pay with a credit card, they will need to enter the type, CSV/Payment Number and Expiry Date.</p>	
15b	<p>If the customer picks PayPal, they will be prompted to sign into PayPal.</p>	
16	<p>Once checkout is complete the user will be given their order summary with the product id, name, quantity, price, and subtotal.</p>	

## 3.2 Administrator Walkthrough

The following walkthrough demonstrates the administrator view of the website <https://cosc304.ok.ubc.ca/91175448/lab8/>. All functionality specific to the administrator is included below.

1	<p>Welcome to the Pokemon.net homepage. Here you will find information about what we do and the services that we provide. To login use the 'Log in' button above the navigation bar.</p>	
2	<p>The login page may be accessed through the 'Log in' button above the navigation bar or during checkout. You will be prompted to log in during checkout if they have not already. If you are an administrator, your admin status will be recognized upon logging in.</p>	
3	<p>Once logged in as an administrator, an Administrator portal will become available above the navigation bar alongside the option to view your customer information, shopping cart, reset password, and log out. An administrator will see a button reading 'Administrator', which a normal user will not be able to see.</p>	
4	<p>The admin portal can be accessed via the 'Administrator' button above the navigation bar, where the admin will be redirected to the admin portal. The admin portal includes the 'Admin Page', 'All Orders', 'All Customers', and 'Manage Database'. The admin page page can be accessed via the 'Admin Page' button on the navigation bar in the admin portal. The admin page includes a list of orders with their respective date and total order amount.</p>	

5	<p>The 'All Orders' page can be accessed via the 'All Orders' button on the navigation bar in the admin portal. The 'All Orders' page includes all order information, such as the order id, order date, customer id, customer name, total amount of order, and all product ids, quantities, and prices specific to each item purchased.</p>	 <table border="1"> <thead> <tr> <th>Order Id</th> <th>Order Date</th> <th>Customer Id</th> <th>Customer Name</th> <th>Total Amount</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2019-10-15 10:25:55</td> <td>1</td> <td>Samuel Oak</td> <td>\$91.70</td> </tr> <tr> <td>2</td> <td>1997-09-09 09:30:00</td> <td>5</td> <td>Misty Kasumi</td> <td>\$0.00</td> </tr> <tr> <td>3</td> <td>2019-10-15 03:30:22</td> <td>3</td> <td>Gary Oak</td> <td>\$140.00</td> </tr> </tbody> </table>	Order Id	Order Date	Customer Id	Customer Name	Total Amount	1	2019-10-15 10:25:55	1	Samuel Oak	\$91.70	2	1997-09-09 09:30:00	5	Misty Kasumi	\$0.00	3	2019-10-15 03:30:22	3	Gary Oak	\$140.00										
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6	<p>The all customers page can be accessed via the 'All Customers' button on the navigation bar in the admin portal. The 'All Customers' page includes all registered customers with their respective customer id, user id, name, email, and phone number.</p>	 <table border="1"> <thead> <tr> <th>Customer Id</th> <th>User Id</th> <th>Name</th> <th>Email</th> <th>Phone Number</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>prof</td> <td>Samuel Oak</td> <td>profmail@kanto.edu</td> <td>204-111-2222</td> </tr> <tr> <td>2</td> <td>ash</td> <td>Ash Ketchum</td> <td>ashfireash@pkachu.com</td> <td>572-342-8911</td> </tr> <tr> <td>3</td> <td>goalk</td> <td>Gary Oak</td> <td>greatshotgary@oak.org</td> <td>333-444-5555</td> </tr> <tr> <td>4</td> <td>sapphire</td> <td>Sapphire Birch</td> <td>sapphbir@gmail.com</td> <td>250-807-2222</td> </tr> <tr> <td>5</td> <td>mist</td> <td>Misty Kasumi</td> <td>waterrmisty@watergen.pkmn</td> <td>555-666-7777</td> </tr> </tbody> </table>	Customer Id	User Id	Name	Email	Phone Number	1	prof	Samuel Oak	profmail@kanto.edu	204-111-2222	2	ash	Ash Ketchum	ashfireash@pkachu.com	572-342-8911	3	goalk	Gary Oak	greatshotgary@oak.org	333-444-5555	4	sapphire	Sapphire Birch	sapphbir@gmail.com	250-807-2222	5	mist	Misty Kasumi	waterrmisty@watergen.pkmn	555-666-7777
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4	sapphire	Sapphire Birch	sapphbir@gmail.com	250-807-2222																												
5	mist	Misty Kasumi	waterrmisty@watergen.pkmn	555-666-7777																												
7	<p>The 'Manage Database' page can be accessed via the 'Manage Database' button on the navigation bar in the admin portal. The 'Manage Database' page allows an administrator reload the database from default, add a new product to the database, and delete a product from the database. To add a product to the database the admin is required to complete the fields: product name, category name, product price, description, and relevant image. To delete a product from the specific Pokemon name can be used as an input, and will be removed from the database after submission.</p>	 <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><b>Reload the Database From Default</b></p> <input type="button" value="Submit"/> </div> <div style="width: 45%;"> <p><b>Add a Product to the Database</b></p> <p>Product Name: <input type="text"/></p> <p>Category Name: <input type="text"/></p> <p>Product Price: <input type="text"/> 6.20</p> <p>Description: <input type="text"/></p> <p><input type="button" value="submit"/></p> <p><b>Delete a Product from the Database</b></p> <p>Product Name: <input type="text"/></p> <p><input type="button" value="submit"/></p> </div> </div>																														