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Valley Vibes Apparel Report

Mission Statement:

At Valley Vibes Apparel, our mission is to craft quality clothing that displays the beauty of the Okanagan while upholding ethical principles. Our company aims to produce clothes that not only reflect the region's rich history, but excel in wearability and comfortability as well. In order to adhere to our ethical principles, we source our fabrics exclusively from ethical Canadian manufacturers, ensuring a premium product and promoting sustainability. In addition to our commitment to the environment, we also seek to minimize our carbon footprint by practicing sustainable production. We hope you are happy to be apart of our team!

Executive Summary:

Our company, Valley Vibes Apparel, is focused around our three key values, heritage, quality, and sustainability. Our innovative designs are specifically made to display a blend between the rich history and beauty of the Okanagan Valley. The fabrics we use to produce our apparel will be ethically sourced from domestic manufacturers and the clothing is made to be as comfortable and durable as possible. We plan on reducing our carbon footprint by launching as an online-only company, thus reducing the need for a physical store while also increasing our accessibility by making our website user-focused and easy to navigate. Alongside our online-exclusive model, Valley Vibes Apparel is dedicated to implementing eco-friendly packaging solutions, further solidifying our commitment to sustainability. Through thoughtful consideration of every aspect of our business, from sourcing materials to delivering the final product, we aim to set a new standard for environmentally conscious practices in the fashion industry. By promoting customers to associate Valley Vibes Apparel with a unique brand image that focuses on heritage, quality, and sustainability, Valley Vibes Apparel is in position to have lasting success in the competitive market of the fashion ecommerce industry, reflecting our commitment to our customers and our planet.

Final Overall System Features	Category	Possible Points	Points	Comments / Code Files
Documentation (15 total points)				
Executive Summary (up to 1 page)	Core	2	2	Included in this report.
System Features (2 pages)	Core	2	2	Included in this report.
List of Web and AI sources used	Core	3	3	Included in this report.
Walkthrough with screenshots (up to 15 pages)	Core	8	8	Included in this report.
Main/Home Page (up to 14 total points)				
Search for a product by name	Core	1	1	See the listprod.jsp file.
List products (by search/browse)	Core	1	1	See the listprod.jsp file.
Page header with menu	Basic	1	1	See the header.jsp file.
Page header shows current logged in user	Basic	1	1	See the header.jsp file.
Shopping Cart (up to 8 total points)				
Add to shopping cart	Core	1	1	See the showcart.jsp and addcart.jsp file.
View shopping cart	Core	1	1	See the showcart.jsp file.
Update quantity (with data validation)	Basic	1	1	See the showcart.jsp and updateCart.jsp file.
Remove item from shopping cart	Basic	1	1	See the showcart.jsp and removeCart.jsp file
Improved formatting/UI (e.g. in header bar)	Basic	1	1	See the header.jsp file.
Checkout (up to 9 total points)				
Checkout with customer id	Core	1	1	See the checkout.jsp file.
Checkout with payment/shipment info	Basic	2	2	See the checkout.jsp file.
Checkout with data validation	Basic	2	2	See the checkoutValidation.jsp file.
Product Detail Page (up to 2 total points)				
Product detail page and item description	Core	1	1	See the product.jsp file.
Product detail has an image from database	Core	1	1	See the product.jsp file.

User Accounts/Login (up to 12 total points)				
Create user account page	Basic	2	2	See the createAccount.jsp file.
Create account with data validation	Basic	2	2	See the createAccount.jsp file.
Edit user account info (address, password)	Basic	2	2	See the editAccount.jsp file.
Login/logout	Core	1	1	See the login.jsp, validateLogin.jsp and logout.jsp files.
Page listing all orders for user	Core	1	1	See the customerOrders.jsp file.
Product Reviews (up to 5 total points)				
Ability to enter a review on a product	Basic	2	2	See the product.jsp and review.jsp files.
Display product review on product detail page	Basic	1	1	See the product.jsp files.
Restrict to one review per user on item purchased	Advanced	2	2	See the product.jsp and review.jsp files.
Warehouses/Inventory (up to 5 total points)				
Display item inventory by store/warehouse	Basic	2	2	See the admin.jsp file.
Edit item inventory by store/warehouse	Advanced	3	3	See the admin.jsp file.
Administrator Portal (up to 19 total points)				
Secured by login	Core	1	1	See the admin.jsp file.
List all customers	Core	1	1	See the admin.jsp file.
List report showing total sales/orders	Core	1	1	See the admin.jsp file.
Add new product	Basic	2	2	See the admin.jsp and addProduct.jsp files.
Update/delete product	Basic	2	2	See the admin.jsp, updateProduct.jsp and removeProduct.jsp files.
Add/update warehouse, customer	Basic	2	2	See the admin.jsp, addWarehouse.jsp, updateWarehouse.jsp, addCustomer.jsp and updateCustomer.jsp files.
Total: (out of 50 with maximum of 10 bonus marks. i.e. 60 points out of 50 is max.)				**58/50**

How To Run:

To run this project, one must run it locally (assuming prior installation and setup of docker and necessary containers) and log in with a valid user id and password (for testing purposes, user: arnold, password: 304Arnold!).

Sources:

We used ChatGPT and various websites to assist in the development of this website. Their sources are listed below:

https://chat.openai.com/share/866b939b-463b-4736-87fe-3e08ead6b2f8

SQL Tutorial (w3schools.com)

JSP Tutorial (tutorialspoint.com)

HTML Tutorial (w3schools.com)

Walkthrough Of The Website:

Valley Vibes Apparel offers users a simplistic design on its' home page, a theme which is carried out throughout the whole design of the website. The home page allows users the option to log in, begin shopping, or view their cart.	**Welcome to Valley Vibes Apparel** **Login** **Begin Shopping** **View Cart** © 2023 Valley Vibes Apparel. All rights reserved.
To login, users are prompted to enter their username and password. If users do not have an account, they can sign up for one by selecting the create new account link.	**Valley Vibes Apparel** **Please Login to System** Username: [ ] Password: [ ] Log In Don't have an account? _Create new account_

While creating an account, users are required to fill in all of the fields with valid entries. Once an account is created, users will see a message displaying that their account was created successfully and can now login by clicking the login button in the header.

Valley Vibes Apparel

Create a new account!

First Name:	John
Last Name:	Doe
Email:	johndoe@gmail.com
Phone Number:	1234567890
Address:	123 john way
City:	john
State:	doe
Postal Code:	j2j2j2
Country:	Canada
User ID:	johndoe
Password:	•••••••

Create Account

Once logged in, users will be redirected back to the home page with their username displayed at the top. They now will the option to begin shopping, view their cart, see all recent orders from the website, access their account page, access the administrator page, or log out.

Welcome to Valley Vibes Apparel

Logged in as: johndoe

Begin Shopping

View Cart

List All Orders

Customer Info

Administrators

Log out

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If a user wishes to buy from our vast selection of clothing apparel, they can navigate to the begin shopping link where they will have the ability to search for items, view items in more detail, add items to their cart, and navigate to other pages via the header.

Search for the products you want to buy:

[   ] Submit Reset (Leave blank for all products)

Product Name	Price	Add to Cart
Authentic T-Shirt	$18.00	Add to Cart
Heritage Hoodie	$38.00	Add to Cart
Lifestyle Pants	$48.00	Add to Cart
Active Shorts	$28.00	Add to Cart
Classic Cap	$18.00	Add to Cart

If a user wishes to view a product in more detail, they can click on the product's name and be taken to that products page. Here they can see more information about the product, add it to their cart, browse other items, see previous reviews and leave a review (1 review max per customer per item).

Authentic T-Shirt

Product Description: Fit for all events.
Product Id: 1
Price: $18.00

Add to Cart

Browse Other Items

Product Reviews:

Customer 1: Very comfy! (Rating: 5) (Date: 2023-12-05 03:21:24.56)
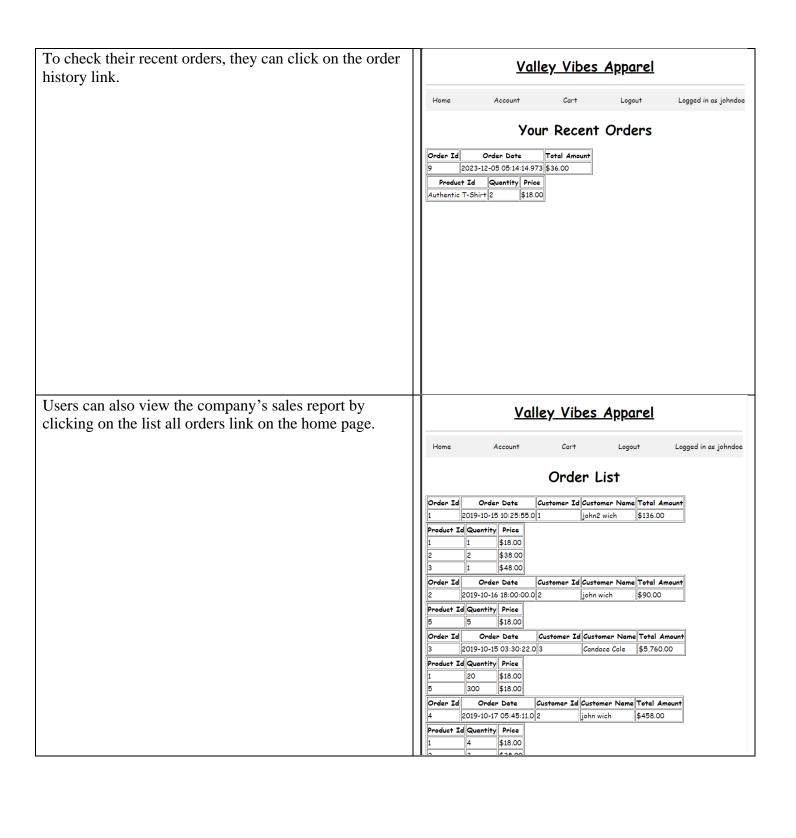
Submit a Review:

[Enter your review   ]

Rating: [1 v]   Submit Review

Once a user adds an item to their cart, they can view the items in their cart, adjust the quantity of items in their cart, remove items from their cart, continue shopping or check out (users not logged in are redirected to the login page when trying to check out).

Valley Vibes Apparel

Home	Account	Logout	Logged in as johndoe

Your Shopping Cart

Product Id	Product Name	Quantity	Price	Subtotal	Remove
1	Authentic T-Shirt	1	$18.00	$18.00	Remove
		Order Total		$18.00	

Update Cart

Check Out

Continue Shopping

On the checkout screen, the user is prompted for information to process the order. This information is then validated and users are displayed specific error messages depending on the circumstances (e.g. customer id entered does not match the current logged in user's customer id).

Valley Vibes Apparel

Home	Account	Cart	Logout	Logged in as johndoe

Please fill in the fields below to complete your transaction:

Customer ID: [   ]
Password: [   ]
Payment Type: [   ]
Payment Number: [   ]
Expiration Date: [MMYY]
Submit   Reset

If the information entered was validated, the user is then taken to an order confirmation page, displaying the customers information alongside their payment and order details as well. If a user wishes to cancel this order, they will be taken back to their shopping cart.

Valley Vibes Apparel

| Home | Account | Cart | Logout | Logged in as johndoe |

Confirm placement of order?

Customer Details

Customer: John Doe

Address: 123 john way

Payment Type: mastercard

Payment Number: 1111000011110000

Order Details

- **Product ID:** 1
- **Product Name:** Authentic T-Shirt
- **Quantity:** 2
- **Price:** $18.00
- **Subtotal:** $36.00

Confirm Order
Cancel Order

Once an order is confirmed, a user is presented with an order information page with a message of confirmation. This page also displays all the information a user needs to track their order. From here a user can navigate to their account page from the header or go back to the menu and select their account page.

Valley Vibes Apparel

| Home | Account | Cart | Logout | Logged in as johndoe |

Order Information

Order Id: 9

Product Id: 1 **Product Name:** Authentic T-Shirt **Price Per 1 Item:** 18.00 **Quantity:** 2

Total Amount: $36.0

Customer Name: John Doe

Date: 2023-12-05 05:14:14

Success, your order has been placed!

On the user's customer profile page, a user can view their account details, edit their account details, or view their recent order history.

Customer Profile

Id	9
First Name	John
Last Name	Doe
Email	johndoe@gmail.com
Phone	1234567890
Address	123 john way
City	john
State	doe
Postal Code	j2j2j2
Country	Canada
User Id	johndoe

Edit Account   Order History

To edit their account, they can click on the edit account link and must fill out all of the fields in proper format. Once updated successfully, the user will be redirected back to their profile page.

Valley Vibes Apparel

Home   Account   Cart   Logout   Logged in as johndoe

Edit your account!

First Name: _____
Last Name: _____
Email: _____
Phone Number: _____
Address: _____
City: _____
State: _____
Postal Code: _____
Country: [Canada ▾]
User ID: _____
Password: _____

[Update Account Details]

| To check their recent orders, they can click on the order history link. | **Valley Vibes Apparel** |

Your Recent Orders

Order Id	Order Date	Total Amount
9	2023-12-05 05:14:14.973	$36.00

Product Id	Quantity	Price
Authentic T-Shirt	2	$18.00

Users can also view the company's sales report by clicking on the list all orders link on the home page.

Valley Vibes Apparel

Home   Account   Cart   Logout   Logged in as johndoe

Order List

Order Id	Order Date	Customer Id	Customer Name	Total Amount
1	2019-10-15 10:25:55.0	1	john2 wich	$136.00

Product Id	Quantity	Price
1	1	$18.00
2	2	$38.00
3	1	$48.00

Order Id	Order Date	Customer Id	Customer Name	Total Amount
2	2019-10-16 18:00:00.0	2	john wich	$90.00

Product Id	Quantity	Price
5	5	$18.00

Order Id	Order Date	Customer Id	Customer Name	Total Amount
3	2019-10-15 03:30:22.0	3	Candace Cole	$5,760.00

Product Id	Quantity	Price
1	20	$18.00
5	300	$18.00

Order Id	Order Date	Customer Id	Customer Name	Total Amount
4	2019-10-17 05:45:11.0	2	john wich	$458.00

Product Id	Quantity	Price
1	4	$18.00
2	2	$38.00

If a user wishes to perform administrative duties, they can click on the administrators link on the home page. Here they can see the sales report grouped daily.

Administrator Sales Report By Day

Order Date	Total Order Amount
2019-10-15	$6,148.00
2019-10-16	$90.00
2019-10-17	$458.00
2023-12-5	$162.00

Product Inventory

Product	Warehouse	Current Inventory	New Inventory
Authentic T-Shirt	Main warehouse	5289089	5289089
Heritage Hoodie	Main warehouse	50	50
Lifestyle Pants	Main warehouse	50	50
Active Shorts	Main warehouse	50	50
Classic Cap	Main warehouse	50	50

Update Inventory

Customer List

Customer ID	Name	Email

Also on the administrator page is the ability to update product inventory and view a list of customers.

Add New Product

Product Name: [ ]
Product Price: [ ]

Product Description: [ ]

Category ID: [ ]
Add Product

Update Product

Select Product: [Authentic T-Shirt ▾]
New Product Name: [ ]
New Product Price: [ ]
New Product Desc: [ ]
New Product Category ID: [ ]
Update Product

Remove Product

Select Product: [Authentic T-Shirt ▾]
Remove Product

Add Customer

2019-10-17	$458.00
2023-12-5	$162.00

Product Inventory

Product	Warehouse	Current Inventory	New Inventory
Authentic T-Shirt	Main warehouse	5289089	5289089
Heritage Hoodie	Main warehouse	50	50
Lifestyle Pants	Main warehouse	50	50
Active Shorts	Main warehouse	50	50
Classic Cap	Main warehouse	50	50

Update Inventory

Customer List

Customer ID	Name	Email
1	john2 wich	johnw@jw.com
2	john wich	johnw@jw.com
3	Candace Cole	cole@charity.org
4	Darren Doe	oe@doe.com
5	Elizabeth Elliott	engel@uiowa.edu
6	john2 wich	johnw@jw.com
7	john2 wich	johnw@jw.com
8	john2 wich	johnw@jw.com
9	John Doe	johndoe@gmail.com

Add New Product

The administrator page also lets users add, update and remove products.

Add Customer

New First Name:
New Last Name:
New Email:
New Phone Number:
New Address:
New City:
New State:
New Postal Code:
New Country:
New User ID:
New Password:
Add Customer

Update Customer

Select Customer ID: [john2 wich ▾]
New First Name:
New Last Name:
New Email:
New Phone Number:
New Address:
New City:
New State:
New Postal Code:
New Country:
New User ID:
New Password:
Add Customer

The last thing found on the administrator page is the option to add and update customers and warehouses.

Update Customer

Select Customer ID: [john2 wich ▾]
New First Name:
New Last Name:
New Email:
New Phone Number:
New Address:
New City:
New State:
New Postal Code:
New Country:
New User ID:
New Password:
Add Customer

Add Warehouse

Warehouse Name:
Add Warehouse

Update Warehouse

Select Warehouse: [Main warehouse ▾]
New Warehouse Name:
Update Warehouse

Whenever a user wishes to leave the website, they can either logout from the main page or click the logout button on the header at the top when not on the main page. This will take them back to the same page in the first picture of the walkthrough.

Valley Vibes Apparel

Home	Account	Cart	Logout	Logged in as johndoe

Administrator Sales Report By Day

Order Date	Total Order Amount
2019-10-15	$6,148.00
2019-10-16	$90.00
2019-10-17	$458.00
2023-12-5	$162.00

Product Inventory

Product	Warehouse	Current Inventory	New Inventory
Authentic T-Shirt	Main warehouse	5289089	5289089
Heritage Hoodie	Main warehouse	50	50
Lifestyle Pants	Main warehouse	50	50
Active Shorts	Main warehouse	50	50
Classic Cap	Main warehouse	50	50

Update Inventory

Customer List

Customer ID	Name	Email
1	john2 wich	johnw@jw.com