

Welcome to UBCampusMart, arnold

"UBCampus Mart: A Marketplace for Students, by Students—Safe, Simple, and Student-Centered!"

[Begin Shopping](#)



UBCampusMart

04.12.2024

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COSC304: Introduction to Databases
University of British Columbia
Group #111
Link to GitHub: <https://github.com/arhaankk/UBCampusMart/tree/main>

Mission Statement

"To provide a secure, student-focused marketplace that fosters trust, transparency, and community, enabling the safe exchange of goods and reducing the risks associated with traditional online marketplaces."

Executive Summary

UBCampusMart, developed by Arhaan Khaku and Soumil Chhabra, is a secure e-commerce platform designed exclusively for the UBC community. Unlike broader platforms like Facebook Marketplace, which often carry risks of scams and unsafe interactions, UBCampusMart ensures a safe and trustworthy environment for students to buy and sell pre-owned electronics and other goods. By restricting access to verified members of the UBC community, the platform fosters transparency and accountability. UBCampusMart empowers students to connect within a trusted network, promoting affordability, sustainability, and safety in peer-to-peer transactions.

List of Features

Final Overall System Features	Category	Possible Points	Points	Comments / Code Files
Documentation (15 total points)				
Executive Summary (up to 1 page)	Core	2	2	Documentation
System Features (2 pages)	Core	2	2	Documentation
List of Web and AI sources used	Core	3	3	ChatGPT for debugging W3schools for Ajax TailwindCSS for Styling
Walkthrough with screenshots (up to 15 pages)	Core	8	8	Documentation
Hosting (10 total points)				
Running on cloud server	Advanced	10	-	-
Main/Home Page (up to 14 total points)				
Search for a product by name	Core	1	1	Listprod.jsp
Browse products by category	Core	1	1	Listprod.jsp
List products (by search/browse)	Core	1	1	Listprod.jsp
List products with image	Core	1	1	Product.jsp
Page header with menu	Basic	1	1	Header.jsp
Page header shows current logged in user	Basic	1	1	Header.jsp
Dynamic products on page based on sales	Basic	2	-	
Improved UI (user-friendly, images, etc.)	Basic	2	2	Listprod.jsp
Product recommendation based on user	Advanced	4	-	-
Shopping Cart (up to 8 total points)				
Add to shopping cart	Core	1	1	addCart.jsp
View shopping cart	Core	1	1	showCart.jsp
Update quantity (with data validation)	Basic	1	1	updateCart.jsp
Remove item from shopping cart	Basic	1	1	deleteFromCart.jsp
Improved formatting/UI (e.g. in header bar)	Basic	1	1	Header.jsp
Cart stored in database between sessions	Basic	3	3	showCart.jsp
Checkout (up to 9 total points)				
Checkout with customer id	Core	1	1	Checkout.jsp & order.jsp

Checkout with payment/shipment info	Basic	2	2	Checkout.jsp and order.jsp
Checkout with data validation	Basic	2	2	Checkout.jsp and order.jsp
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 2 total points)

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

User Accounts/Login (up to 12 total points)

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

Product Reviews (up to 5 total points)

Ability to enter a review on a product	Basic	2	-	-
Display product review on product detail page	Basic	1	-	-
Restrict to one review per user on item purchased	Advanced	2	-	-

Warehouses/Inventory (up to 5 total points)

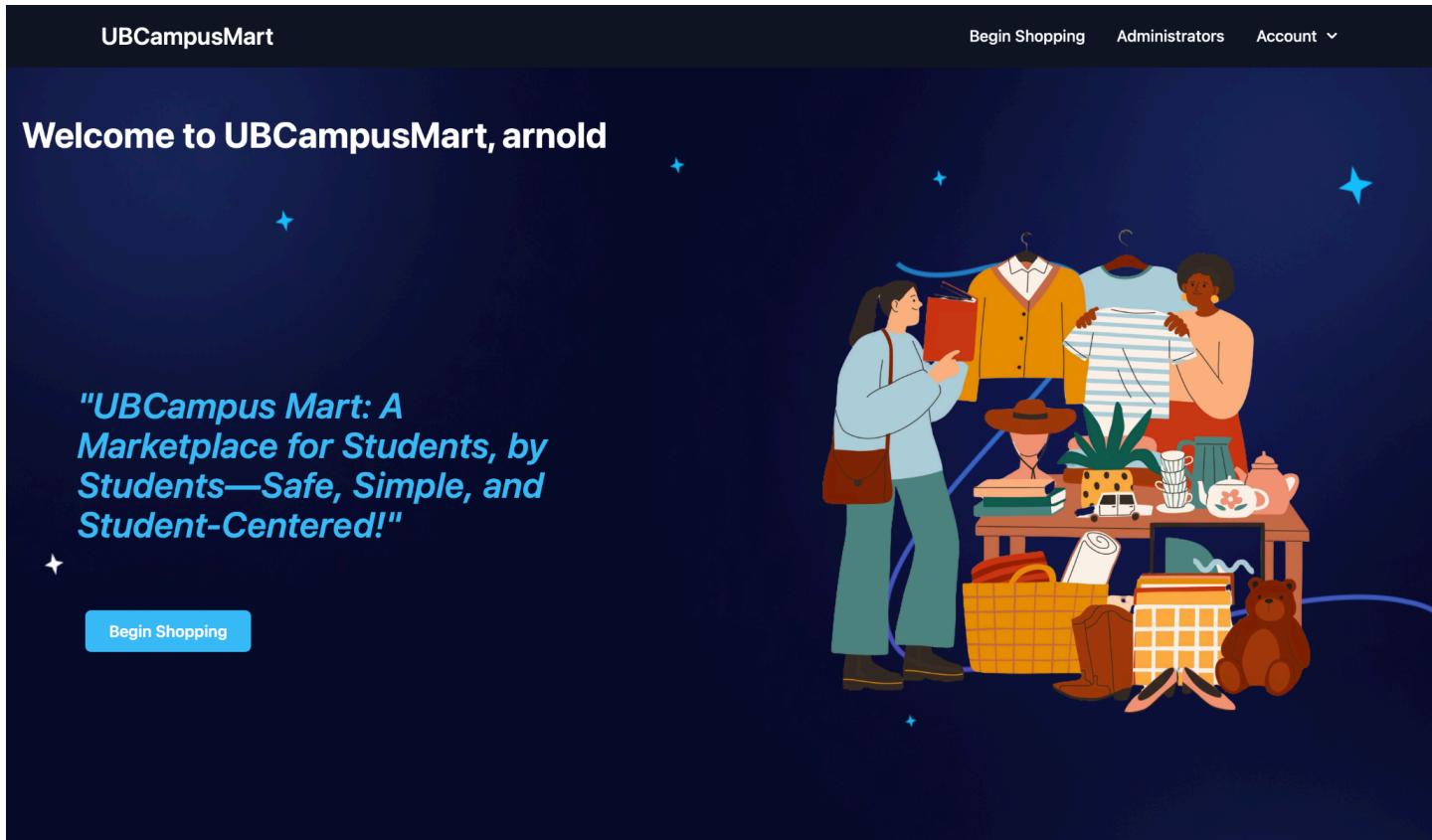
Display item inventory by store/warehouse	Basic	2	-	-
Edit item inventory by store/warehouse	Advanced	3	-	-

Administrator Portal (up to 19 total points)

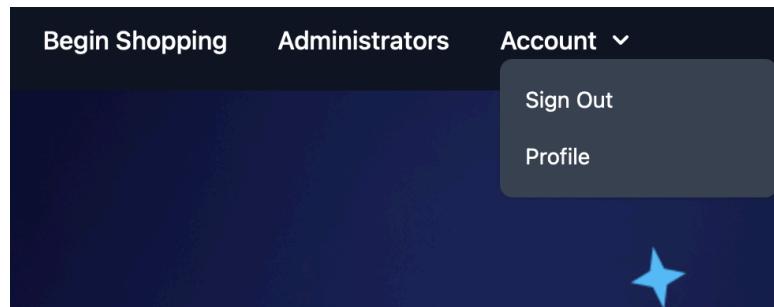
Secured by login	Core	1	1	Admin.jsp
List all customers	Core	1	1	Admin.jsp
List report showing total sales/orders	Core	1	1	Admin.jsp
Report with a graph	Advanced	3	3	Admin.jsp
Add new product	Basic	2	2	Admin.jsp and addProduct.jsp

Update/delete product	Basic	2	2	Admin.jsp and edirRemoveproduct.jsp
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		Admin.jsp
Add/update warehouse, customer	Basic	2	-	-
Database System/General				
Implement some validation using triggers	Advanced	2	-	-
Use AJAX for some pages	Advanced	4	4	addProduct.jsp
User interface and navigation/usability		Up to 5	5	All the pages
<i>Others (your suggestions)</i>		Up to 5	5	UBC themed UI, student friendly, custom dropdowns, instant responses,
Total: (out of 50 with maximum of 10 bonus marks. i.e. 60 points out of 50 is max.)			74	

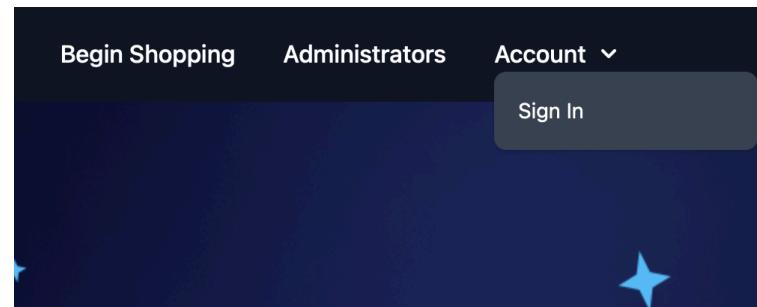
Walkthrough



This is the main page of UBCampusMart. It features a welcome message with the username (only if the user is logged in). The page shows our mission statement as well as a begin shopping button. It also features a custom-made navbar, Begin Shopping, Administrator (opens up the Administrator Hub) and Account which was made using a custom drop using TailwindCSS.



When user logged in



When user logged out

Sign in

Sign in to your account and explore a world of possibilities.
Your journey begins here.

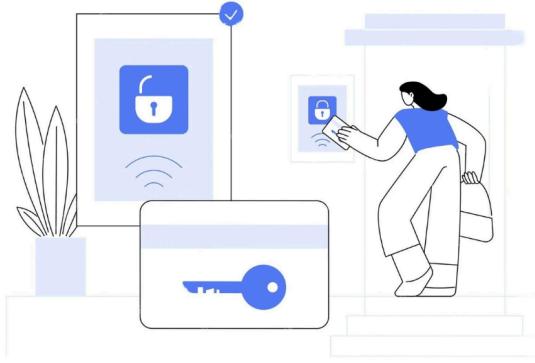
User name
 

Password
 

Remember me [Forgot your password?](#)

Log in

Don't have an account [Register here](#)



Before you can access anything, UBCampusMart ensures you are a user and are logged in. Don't have an account? Well, don't worry! You can also register as a new user.

Register

First Name

Last Name

Email

Phone Number

Address

City

State

Postal Code

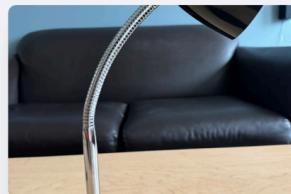
Search for Products



Sony PlayStation 4 Pro
\$250.00



Samsung 42" 4K Smart TV
\$140.00



IKEA Table Lamp
\$10.00



Apple iPhone 15
\$890.00



Once you're done registering/logging in, you may now begin your shopping spree! Looking for something specific? Or maybe something from a specific category? You can use the search bar to search for products you're looking for specifically.

Search for Products



Apple iPhone 15
\$890.00

Search for Products

SubmitReset

Apple iPhone 15
\$890.00

Add to Cart

Samsung Galaxy S23 Ultra
\$750.00

Add to Cart

Apple iPhone 6
\$120.00

Add to Cart

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Alright! All set to get your new iPhone 15? Let's checkout.

Your Shopping Cart

Product Id	Product Name	Quantity	Price	Subtotal	Action
4	Apple iPhone 15	1 <input type="button" value="Update"/>	\$890.00	\$890.00	<button>Delete</button>

Order Total \$890.00

Check Out

[Continue Shopping](#)

Checkout

Default Shipping Address
103 AnyWhere Street

Shipping Information

Address
Street Address

City State
City State

Postal Code Country
Postal Code Country

[Proceed to Order](#)

By default, it ships to your default address but, you may also choose to enter a different address by entering the necessary information.

UBCampusMart
Order Summary

Order ID: #6
Customer: arnold
Shipped to the default address!

Product	QTY	Total
Apple iPhone 15	1	\$890.0

Total Amount: \$890.0
Thank you for your order!
Your cart has been cleared

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Congratulations on your first purchase!

Your shopping cart is empty!

Shopping cart is empty as you have just successfully checked out.

Order List

Order ID:	1
Order Date:	2019-10-15 10:25:55.0
Customer ID:	1
Customer Name:	Arnold Anderson
Total Amount:	\$540.00

Ordered Products:

Product ID	Product Name	Quantity	Price
1	Sony PlayStation 4 Pro	1	\$250.00
5	LG 55" 4K UHD Smart TV	2	\$250.00
10	Casio fx-82ES Plus	1	\$40.00

Order ID:	6
Order Date:	2024-12-04 09:18:01.877
Customer ID:	1
Customer Name:	Arnold Anderson
Total Amount:	\$890.00

Ordered Products:

Product ID	Product Name	Quantity	Price
4	Apple iPhone 15	1	\$890.00

Get a glimpse of your order history by navigating to Order History on the navbar. It shows your recently purchased iPhone 15. As you go along and shop more, your ordered items will show up here.



Customer Page

FIELD	VALUE
ID	1
First Name	Arnold
Last Name	Anderson
Email	a.anderson@gmail.com
Phone	204-111-2222
Address	103 AnyWhere Street
City	Winnipeg
State	MB
Postal Code	R3X 45T
Country	Canada
User ID	arnold

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On every page, you would find a personalized greeting just for you, *Welcome Back, arnold*. Upon clicking that welcome message, you look at your profile page that shows all the information stored about you.

We have something special stored for you! Certain users are also administrators, which makes them able to access the Admin Hub. In our customer base, only Arnold is an admin, rest are all usual customers which makes Arnold able to access the Admin Hub. To access the Admin Hub, you need to make sure you are logged in as an administrator. Remember, usual customers are not allowed here.

UBCampusMart

Add Product Edit Product Restore DB Welcome back, arnold

Administrator Hub

ORDER DATE	TOTAL ORDER AMOUNT
2024-12-04	890.0
2019-10-17	327.85
2019-10-16	106.75
2019-10-15	957.4

Sales Report Chart

Order Date	Total Sales (USD)
2024-12-04	890.0
2019-10-17	327.85
2019-10-16	106.75
2019-10-15	957.4

CUSTOMER NAME	EMAIL
Arnold Anderson	a.anderson@gmail.com
Bobby Brown	bobby.brown@hotmail.ca
Candace Cole	cole@charity.org
Darren Doe	oe@doe.com
Elizabeth Elliott	engel@uiowa.edu

The Admin Hub features three major things:

1. The sales report by day
2. A chart representation of the sales report by day (using chartJS)
3. The customer base.

You might have also noticed, administrators are able to add products, edit current products and restore the database.

Let's try to add a new product, shall we? For the demonstration, we will be adding Arnold's used Samsung 32" TV he wants to sell.

Add a Product

Product Name

Price

Description

Category
 Select Category

Submit

Add a Product

Product Name
 Samsung 32" TV 60Hz

Price
 110.00

Description
 Selling my used monitor, still works great!

Category
 TVs

Submit

Add a Product

Product Name

Price

Description

Category
 Select Category

Submit

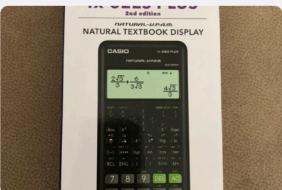
Product added successfully!

That's great! We should now be able to see our new product on the product's page. Moment of truth...



Samsung Galaxy S23 Ultra
\$750.00

Add to Cart



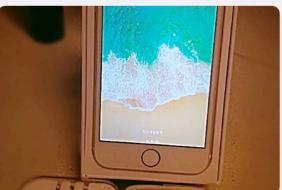
Casio fx-82ES Plus
\$20.00

Add to Cart



Apple Watch Series 6
\$350.00

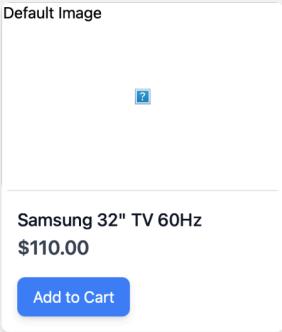
Add to Cart



Apple iPhone 6
\$120.00

Add to Cart

Default Image



Samsung 32" TV 60Hz
\$110.00

Add to Cart

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Congratulations! You have just successfully added a new product.

These are just some of the features on UBCampusMart.

Feel free to clone the GitHub repository to try it on your local machine. The README.md file available on GitHub describes how to get started with the initial setup.

Tech Stack: Java, SQL Server, HTML, TailwindCSS, Javascript, ChartJS, Ajax

Thank you so much! We'd love to hear feedback about our product.