

Otakumate Report

The University of British Columbia - Okanagan Campus

Course Name: COSC 304

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Introduction

Mission Statement.

We, the developers at Otakumate, believe that there are not enough North American stores for purchasing anime related goods and video games. To solve this, we made a website that offers the purchase and delivery of a wide selection of manga, video games, and apparel to be delivered to your doorstep

Executive Statement

Otakumate is an online platform dedicated to bringing imported Japanese goods to enthusiasts and fans of Japanese culture. Our mission is to provide fans with an authentic and seamless shopping experience by offering a curated selection of Japanese light novels, video games, and anime apparel.

We recognize the growing interest in Japanese culture in the West and the demand for high-quality anime merchandise. Otakumate bridges the gap between fans and the product they love through directly sourcing products from Japan. We ensure that each product is of the highest standard whether it be the latest light novel releases, trending video games, or limited edition figurines from the most popular animes.

Through Otakumate, users can explore and order a variety of products and enjoy user friendly and a seamless shopping experience. Our platform is built to make ordering imported goods as easy as possible and in hopes to make fans use the website as a companion to connect to Japanese pop culture more.

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System 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	completed
System Features (2 pages)	Core	2	2	completed
List of Web and AI sources used	Core	3	3	completed
Walkthrough with screenshots (up to 15 pages)	Core	8	8	completed
Hosting (10 total points)				
Running on cloud server	Advanced	10	7	mostly done
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	listprod.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	2	listprod.jsp
Improved UI (user-friendly, images, etc.)	Basic	2	2	index.jsp
Product recommendation based on user	Advanced	4		
Shopping Cart (up to 8 total points)				
Add to shopping cart	Core	1	1	addcart.jsp, showcart.jsp
View shopping cart	Core	1	1	showcart.jsp
Update quantity (with data validation)	Basic	1	1	showcart.jsp
Remove item from shopping cart	Basic	1	1	header.jsp
Improved formatting/UI (e.g. in header bar)	Basic	1	1	header.jsp
Cart stored in database between sessions	Basic	3		

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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, order.jsp
Checkout with data validation	Basic	2	2	checkout.jsp, 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	signup.jsp
Edit user account info (address, password)	Basic	2		
Login/logout	Core	1	1	login.jsp, logout.jsp
Register user/Forgot password email	Advanced	4		
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	2	addrview.jsp, postreviw.jsp
Display product review on product detail page	Basic	1	1	product.jsp
Restrict to one review per user on item purchased	Advanced	2	2	message.jsp
Warehouses/Inventory (up to 5 total points)				
Display item inventory by store/warehouse	Basic	2		
Edit item inventory by store/warehouse	Advanced	3		

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Administrator Portal (up to 19 total points)				
Secured by login	Core	1	1	login.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		
Add new product	Basic	2		
Update/delete product	Basic	2		
Change order status/ship order	Basic	2		
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				
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		
Total: (out of 50 with maximum of 10 bonus marks. i.e. 60 points out of 50 is max.)			58	

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Installation and Running Instructions (Local)

1. Go to https://github.com/TakersJP/otakumate_304 and download all the files. Please locate the files in your desired location after downloading them.
2. Ensure you have docker installed.
Download from here: <https://docs.docker.com/engine/install/>
3. Open the project in your preferred IDE
4. Build the project
5. Open a command line and navigate to inside the otakumate_304 folder
6. Run docker-compose up -d
7. Open a new web browser window and navigate to <http://localhost/shop/loaddata.jsp>
8. Finally, navigate to <http://localhost/shop/index.jsp>

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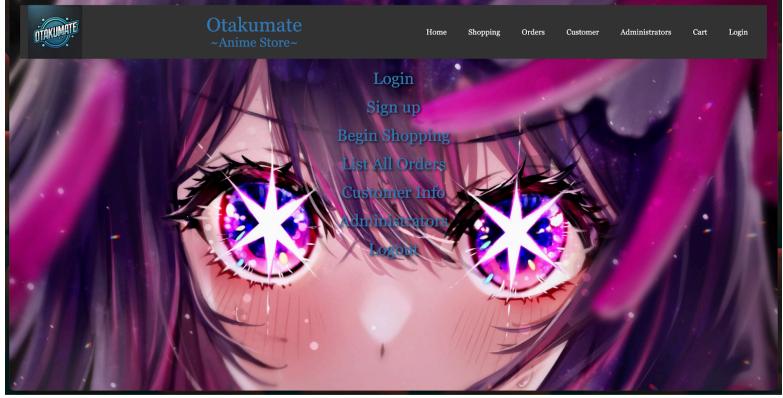
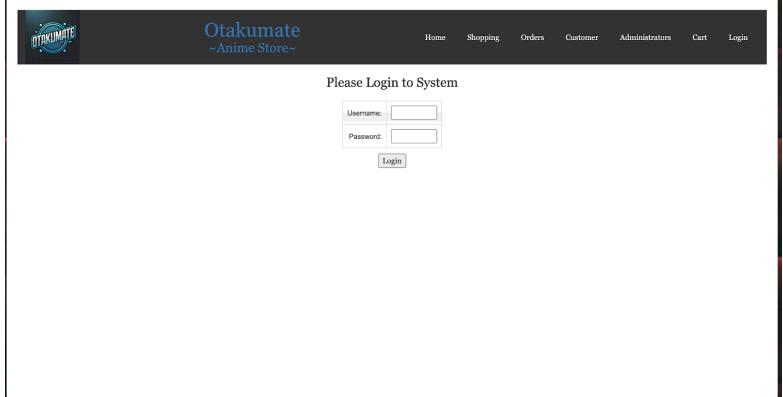
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Walkthrough

Sample login details:

- Customer:
 - User ID: Arnold, Password: 304Arnold!, Customer ID: 3
- Administrator:
 - User ID: lebron, Password: james

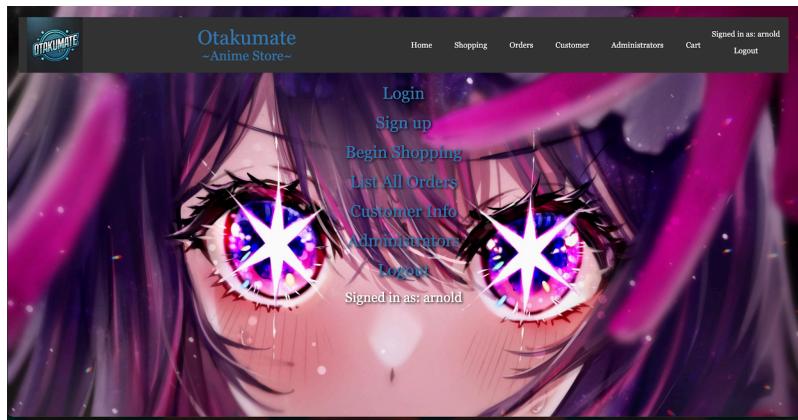
Link to Otakumate (Cloud is incomplete): <http://146.190.63.236/shop/index.jsp>

<p>When the website is accessed, the user is taken to the main page.</p>	
<p>User can login to their account if they already have one.</p>	

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New users can sign up to create a new account, begin shopping, list all orders they've made it

Once the user is logged in, the users can begin shopping, check their orders and customer information.



Click 'Begin Shopping' or 'Shopping' on the header, to see the products. User can search for their desire products by using the search bar.

To see details about the products, click on the name of the product.

Browse Products By Category and Search by Product Name:				
<input type="text" value="All"/> <input type="button" value="Submit"/> <input type="button" value="Reset"/> (Leave blank for all products)		Product Name <input type="text"/> Product Image <input type="image"/> Category <input type="text"/> Price <input type="text"/>		
All Products				
	Product Name	Product Image	Category	Price
<input type="button" value="Add to Cart"/>	Super Mario Party		Video Games	\$80.00
<input type="button" value="Add to Cart"/>	Magic The Gathering: Lord of The Rings: Tales of Middle-Earth Set Booster Pack		TCGs	\$29.90

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After user finds a desire product, click ‘Add to Cart’. If the user wants to shop more, click ‘Continue Shopping’. ‘Check out’, if the user is ready to place an order.

*The user may increase/decrease the quantity of the product or remove it.

Product Id	Product Name	Quantity	Price	Subtotal	
20	Super Mario Party	1	\$80.00	\$80.00	Remove Item from Cart Update Quantity
Order Total					\$80.00

[Check Out](#) [Continue Shopping](#)

In the check out process, user must enter the customer id and payment information to complete the transaction. Submit, if everything is filled in.

Enter your customer id and payment information to complete the transaction:

CustomerID:	<input type="text" value="3"/>
Password:	<input type="password" value="*****"/>
Payment Type:	<input checked="" type="radio"/> VISA <input type="radio"/> Mastercard <input type="radio"/> PayPal <input type="radio"/> Apple Pay
Payment Number:	<input type="text" value="123456789123456"/>
Expiry Date:	<input type="text" value="2606"/>
<input type="button" value="Reset"/>	<input type="button" value="Submit"/>

The following screen will appear, after the order is placed.

Your shopping cart is empty!

[Back to Main Page](#)

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The user can add a review of the product. In order to add a review, click ‘Begin Shopping’ → name of the product → ‘Add Review’.

Super Mario Party
Description: Super Mario Party, Nintendo Switch Software



Id	20
Price	\$80.00

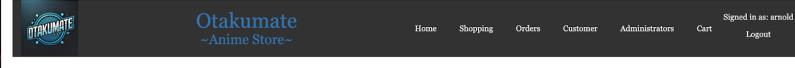
Add to Cart

Add Review

Continue Shopping

No Reviews Available

Write the review in the following format. Press ‘Post Review’ to submit it.



Write a review

Rating:

Comment:

Post Review

Once the user completes writing the review, it will appear on the bottom of the website.



Id	20
Price	\$80.00

Add to Cart

Add Review

Continue Shopping

Reviews

Rate	Date	Comment
5	2024-12-06 02:11:29.46	Awesome game!

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The user can check the previous orders from 'List All Orders' on the main page, or 'Orders' on the header.

Your Order List				
Order Id	Order Date	Customer Id	Customer Name	Total Amount
3	2024-12-02 03:30:22.0	3	Arnold Anderson	\$43.98
Product Id	Quantity	Price		
31	2	\$29.00		
34	2	\$43.98		
Total	4	\$43.98		
6	2024-12-06 02:04:09.517	3	Arnold Anderson	\$80.00
Product Id	Quantity	Price		
20	1	\$80.00		
Total	1	\$80.00		

The user can check the customer profile from 'Customer Profile' on the main page or 'Customer' on the header.

Customer Profile	
Id	3
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 4S7
Country	Canada
User Id	arnold

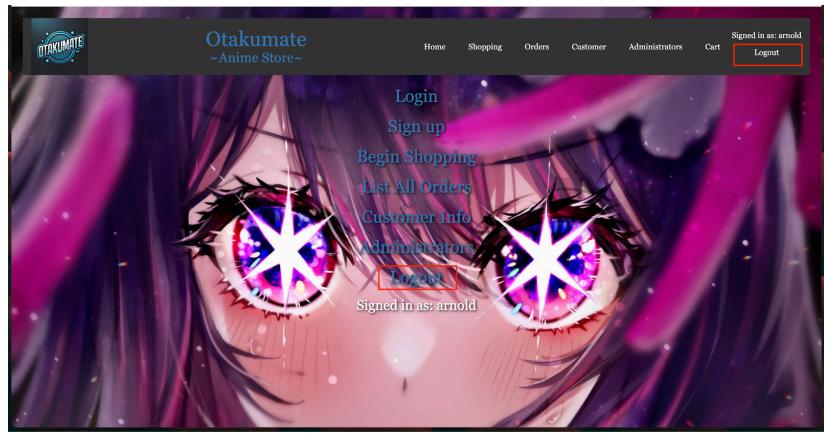
If the user was an administrator, they can check the sales report from 'Administrators'.

Administrator Sales Report by Day		Customer List	
Order Date	Total Order Amount	Customer ID	Name
2024-12-1	\$248.45	1	Takumi Choi
2024-12-2	\$43.98	2	Jaiden Lo
2024-12-3	\$202.40	3	Arnold Anderson
Total	\$494.83	4	Bobby Brown
		5	Candace Cole
		6	Durren Doe
		7	Elizabeth Elliott
		8	Lebron James

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Logout from the main page or header, when the user finish visiting the site.



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https://www.w3schools.com/html/html_form_input_types.asp
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