Sneaker House

COSC 304 Final Report

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Members:

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1. Introduction

Mission Statement

We intend to create a sneaker store which showcases a wide range of sneakers, and at a lower cost. Find all brands here, from Jordan to all hypebeasts, you name it! Sneaker lovers, here's your chance to grab a pair! If it's not here, it's not anywhere!!

Executive Summary

At **Sneaker House**, buy your favourite pair of sneakers at a valuable price. **Sneaker House** is like an online “outlet factory” where you will find rare, premium sneakers from all brands, and that too at lower prices, so you can make sure you don't go home empty handed! 100% authentic. This is the place where you will find your next favourite pair. Find the latest, and rarest sneakers here. If it’s not here, it’s not anywhere!!

2. System Features

Final Overall System Features	Category	Possible Points	Points	Comments / Code Files
Documentation (10 total points)				
Executive Summary (up to 1 page)	Core	2	2	
System Features (2 pages)	Core	2	2	
Walkthrough with screenshots (up to 10 pages)	Core	6	6	
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	

Browse products by category	Core	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	1	
Product recommendation based on user	Advanced	4		
Shopping Cart (up to 8 total points)				
Add to shopping cart	Core	1	1	

View shopping cart	Core	1	1	
Update quantity (with data validation)	Basic	1		
Remove item from shopping cart	Basic	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	Only shipment info.
Checkout with data validation	Basic	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 2 total points)				
Product detail page and item description	Core	1	1	
Product detail has an image from database	Core	1	1	

User Accounts/Login (up to 12 total points)				
Create user account page	Basic	2		
Create account with data validation	Basic	2		

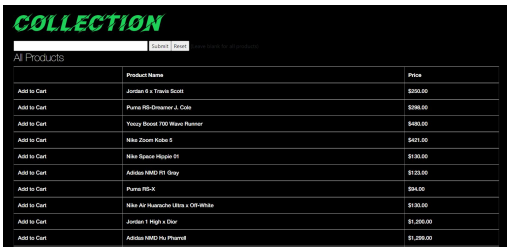
Edit user account info (address, password)	Basic	2		
Login/logout	Core	1	1	
Register user/Forgot password email	Advanced	4		
Page listing all orders for user	Core	1	1	
Product Reviews (up to 5 total points)				
Ability to enter a review on a product	Basic	2		
Display product review on product detail page	Basic	1		
Restrict to one review per user on item purchased	Advanced	2		
Warehouses/Inventory (up to 5 total points)				

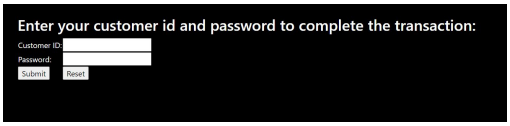
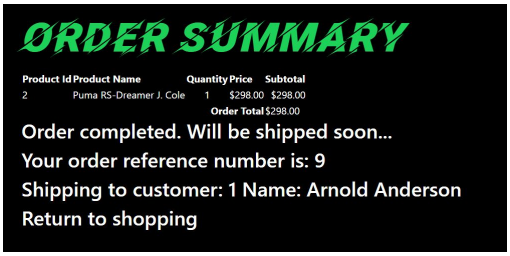
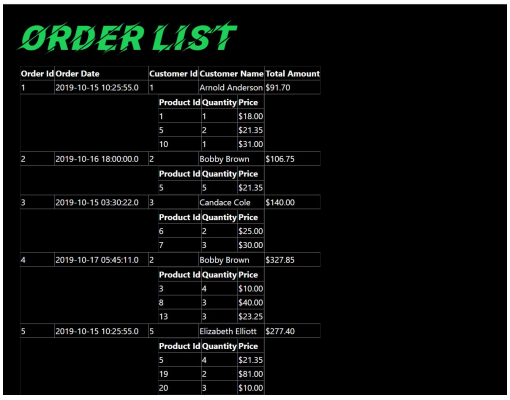
Display item inventory by store/warehouse	Basic	2		
Edit item inventory by store/warehouse	Advanced	3		
Administrator Portal (up to 19 total points)				
Secured by login	Core	1	1	
List all customers	Core	1	1	
List report showing total sales/orders	Core	1	1	
Report with a graph	Advanced	3		
Add new product	Basic	2		
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				
Implement some validation using triggers	Advanced	2	2	
Use AJAX for some pages	Advanced	4		
User interface and navigation/usability		Up to 5	5	
Others (your suggestions)		Up to 5		

Implemented Bootstrap for better table display		2		
Total: (out of 50 with maximum of 10 bonus marks. i.e. 60 points out of 50 is max.)			38	

3. Walkthrough

1.	This is the homepage of Sneaker House. The homepage consists of some basic options, like any other e-commerce website. It is advised to log in before clicking on any of these options. The first page can be access after the data is loaded through: http://localhost/shop/index.jsp	
2.	Here is the login page. Username and password is required to log in. Once logged in, the user would be directed to the homepage, and their name would be displayed below.	
3.	This page shows up after clicking on Begin Shopping on the homepage. This page displays the wide range of sneakers we have. The user also can directly add the products to cart without having to access the product page. The user may also type the initial of the sneaker you are searching for, and the related items would show up.	
4.	The product page displays the image of the sneaker, along with its available sizes. It also allows the user to add the product to their cart, or continue shopping.	

5.	The user could access this page after adding a product to their cart. It lists the quantity, price, subtotal, and order total of the order. The user is also provided an option to check out or continue shopping.	
6.	Before checking out, the user is asked to enter customer id and password. This extra level of security prevents placement of unnecessary orders.	
7.	After the customer ID and password are entered, the user is directed to the order summary, which also confirms the order, and mentions the shipping details.	
8.	This section provides the sales report. It tells the total sales made within a day. The administrator could gain insights from such information.	
9.	The order list page includes the orders made by all the customers on different dates. In short, it displays the different products ordered by customers on different dates, along with customer details.