GME

eSports Merchandise and Peripherals

COSC 304 101 2021S2

Project Group 18

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GME

Mission Statement:

Our mission is to provide the community with readily available gaming peripherals and eSports related merchandise. Our goal is for this service to be user friendly and intuitive. For gamers by gamers.

Executive Summary:

GME will provide users with a user-friendly online store that is both aesthetically pleasing and easy to use. To meet our customer's requirements as well as satisfy the increasing demand of this growing market we will offer global shipping for a variety of eSports related merchandise as well as gaming marketed gear.

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Final Overall System Features	Category	Possible Points	Completed
Executive Summary (up to 1 page)	Core	2	✓
System Features (2 pages)	Core	2	✓
Walkthrough with screenshots (up to 10 pages)	Core	6	✓
Running on cloud server	Advanced	10	☐
Search for a product by name	Core	1	✓
Browse products by category	Core	1	✕
List products (by search/browse)	Core	1	✓
List products with image	Core	1	✓
Page header with menu	Basic	1	✓
Page header shows current logged in user	Basic	1	✓
Dynamic products on page based on sales	Basic	2	✕
Improved UI (user-friendly, images, etc.)	Basic	2	✓
Product recommendation based on user	Advanced	4	✕
Add to shopping cart	Core	1	✓
View shopping cart	Core	1	✓

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Update quantity (with data validation)	Basic	1	✕
Remove item from shopping cart	Basic	1	☐
Improved formatting/UI (e.g. in header bar)	Basic	1	✓
Cart stored in database between sessions	Basic	3	☐
Checkout with customer id	Core	1	✓
Checkout with payment/shipment info	Basic	2	☐
Checkout with data validation	Basic	2	✕
Multiple shipments per order supported	Advanced	2	✕
Calculate taxes/shipping (by items/state)	Advanced	2	✕
Product detail page and item description	Core	1	✓
Product detail has an image from database	Core	1	✓
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	✓
Register user/Forgot password email	Advanced	4	✕
Page listing all orders for user	Core	1	✓

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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	✕
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	✓
List all customers	Core	1	✕
List report showing total sales/orders	Core	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	✓

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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	✓
Others (your suggestions)		Up to 5	✓
Total: (out of 50 with maximum of 10 bonus marks. i.e. 60 points out of 50 is max.)			

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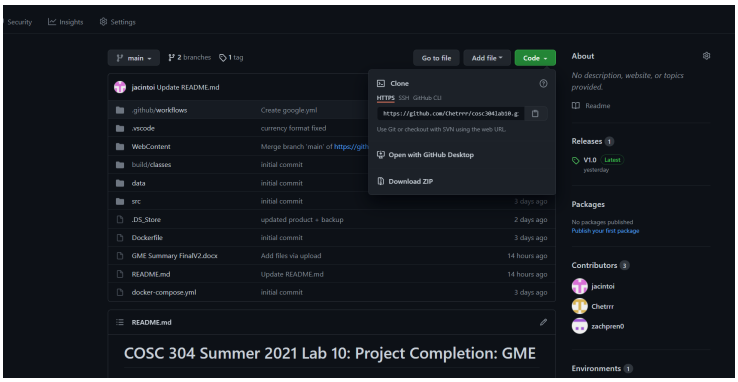
WALKTHROUGH

	Description	Screenshot
1.	**GitHub:** https://github.com/Chetrrr/cosc304lab10 Our GitHub Page with an appropriate readme file. This page has all of the files and documents of the project.	
2.	**Landing Page:** This is the landing page of our project. The "Click Here" button will bring you to the index or home-page of the project.	

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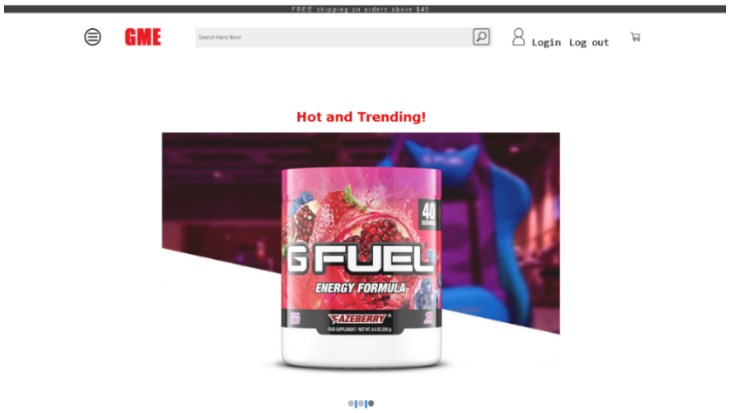
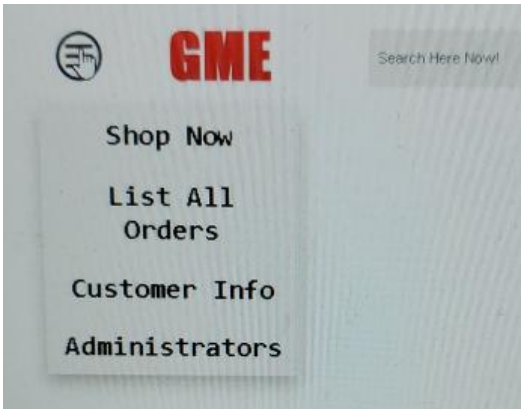
3.	**Main Home Page:** In the top left corner of the homepage, there is a drop-down menu that directs the user to various other pages. The search bar allows the user to search through the products by name and if the search is empty it will return all of the products instead. In addition, there is a log-in button that will bring you to the login page. The slideshow will display one of our various products every six seconds. Lastly, there is a shopping cart that when clicked will bring you to the shopping cart page.	
4.	**Drop Down Menu:** This menu will direct the user to the different pages of the project. *Shop Now:* Access the list of all the products *List All Orders:* List of all the orders *Customer:* Customer information *Administrative:* Site transaction details	

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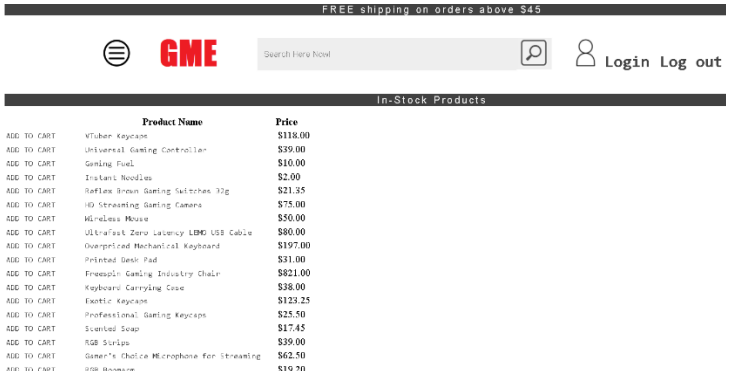
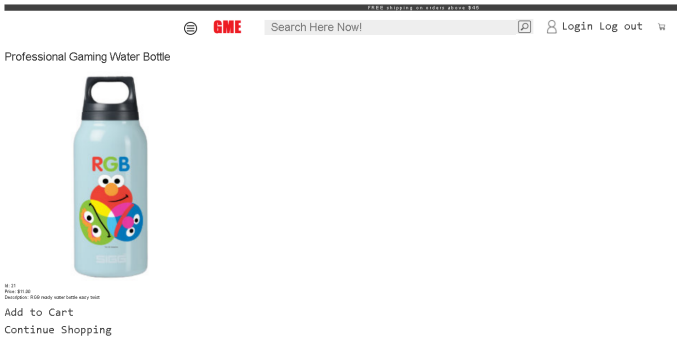
5.	**List of Products Page:** This page will display the list of all the available products. It will display the product name as well as the price of the product. It will also include an “add-to-cart” option that will add the product to the cart.	
6.	**Product Page:** For each product, it will display an image of the product, the product name, the product id, the price of the item as well as the product description. Underneath the product description, it will suggest to the user to either add to the shopping cart or navigate them back to the homepage.	

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Shopping Cart Page:

Description:

This page will direct the user to the shopping cart page. It will list the items in the shopping cart and display the product id, quantity, name, price and the subtotal of the particular item. In addition, it will calculate the total amount of all the items in the shopping cart.

Features:

-There is a “Check Out” button that will bring the user to the checkout page. *It will then direct the user to the customer login page where it will ask the user for the proper credentials before continuing*

-The “Continue Shopping” button will direct the user back to the product page

-“Clear Cart” clears all the current items in the shopping cart

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Your Shopping Cart

Product Id	Product Name	Quantity	Price	Subtotal
1	VTuber Keycaps	1	$118.00	$118.00
4	Instant Noodles	1	$2.00	$2.00
			Order Total	$120.00

Clear Cart

Check Out

Continue Shopping

Your shopping cart is empty!

Continue Shopping

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8.	**Checkout Login Page:** **Description:** This page asks for the customer's credentials and refuses the customer and displays an error message if the credentials are incorrect. **Login information:** Customer ID: 2 Password: bobby	**Enter your customer id and password to complete the transaction:** Customer ID: 2 Password: ••••• Submit Reset
9.	**Order Summary:** **Description:** This displays the *product id*, *product name*, *quantity, price* and *subtotal* of the product and the *order total*. In addition it will display the order date and transaction completion.	**Your Order Summary** Product Id Product Name Quantity Price Subtotal 1 VTuber Keycaps 1 $118.00 $118.00 4 Instant Noodles 1 $2.00 $2.00 **Order Total** $120.00 Your order time is: 2021-08-16 08:01:49 Order completed. Your reference number is 6 Back to Shopping

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10.	**Login Page:** **Description:** This page will ask for the user's credentials and refuse the user and display an error message if the credentials are incorrect. **Login information:** username: bobby password: bobby	**Please Login to System** Username: bobby Password: ••••• Log In **Please Login to System** Could not connect to the system using that username/password. Username: 2 Password: ••••• Log In
11.	**Login User:** The current user that is logged-in is displayed on the top right corner of the page.	**Logged in as: bobby**

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Customer Information:

This will display the customer profile.

It will display the *id, first name, last name, email, phone number, address, city, state, postal code, country* and the *user id* of the customer.

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Customer Profile

Id	2
First Name	Bobby
Last Name	Brown
Email	bobby.brown@hotmail.ca
Phone	572-342-8911
Address	222 Bush Avenue
City	Boston
State	MA
Postal Code	22222
Country	United States
User id	bobby

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<td>13.</td>
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Order List Page:

Description:

On this page it will display the list of all the orders in the list.

This will display the *Order ID, Order Date, Customer Id, Customer Name,* the shopping cart of their order and the *total amount* of their order.

It will also display the *product names, product id, quantity, and price* of each item.

Underneath, it will calculate and display the total quantity and the total price of the all the items in the particular shopping cart

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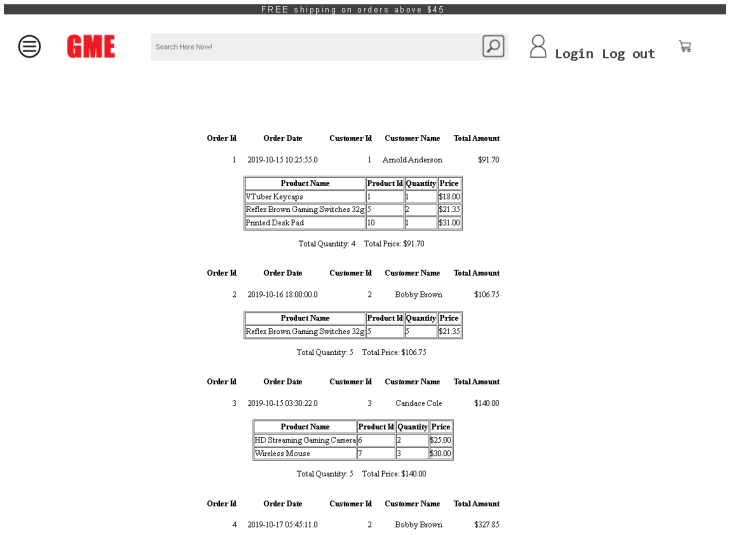

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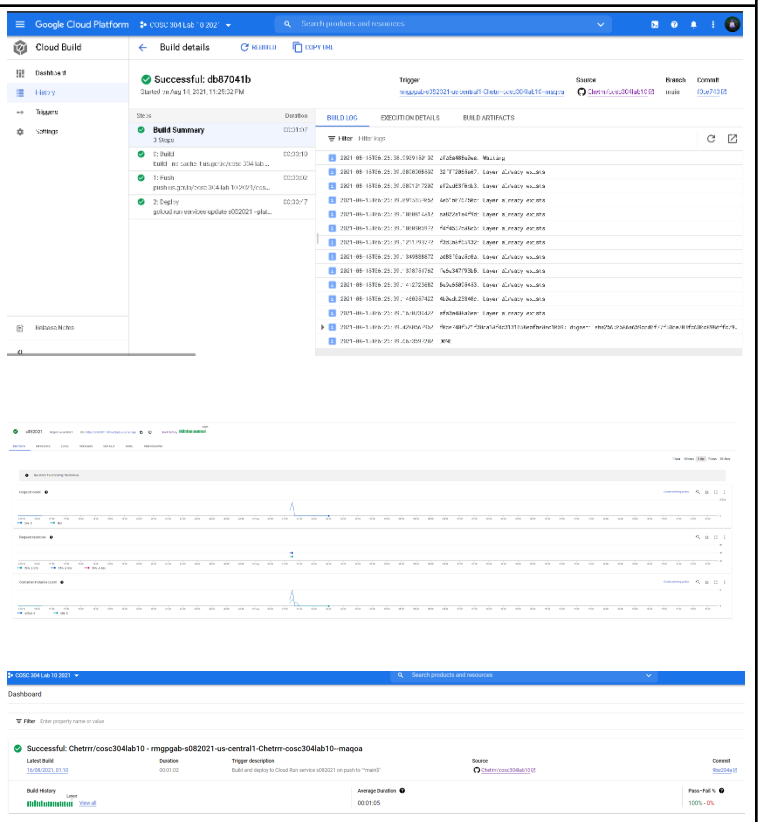
14.	**Administrator Page:** Accessed via the side menu is the Administrators page, where the user can view current statistics of successful transactions.	**Daily Sales Report** Date | Order Amount 2019-10-15 | $509.10 2019-10-16 | $106.75 2019-10-17 | $327.85
	Cloud Hosting	
15.	The project is currently being hosted using Google Cloud Platform where the build is automatically updated using the GitHub main branch repository. The site URL is currently https://s082021-mfrsvq2qsq-uc.a.run.app and can be modified with a custom URL in the future. Further coding on the DockerImage is required for the site to function as expected and planned. Shown here are the various site statistics as well as confirmation that the build and upload were successful.	

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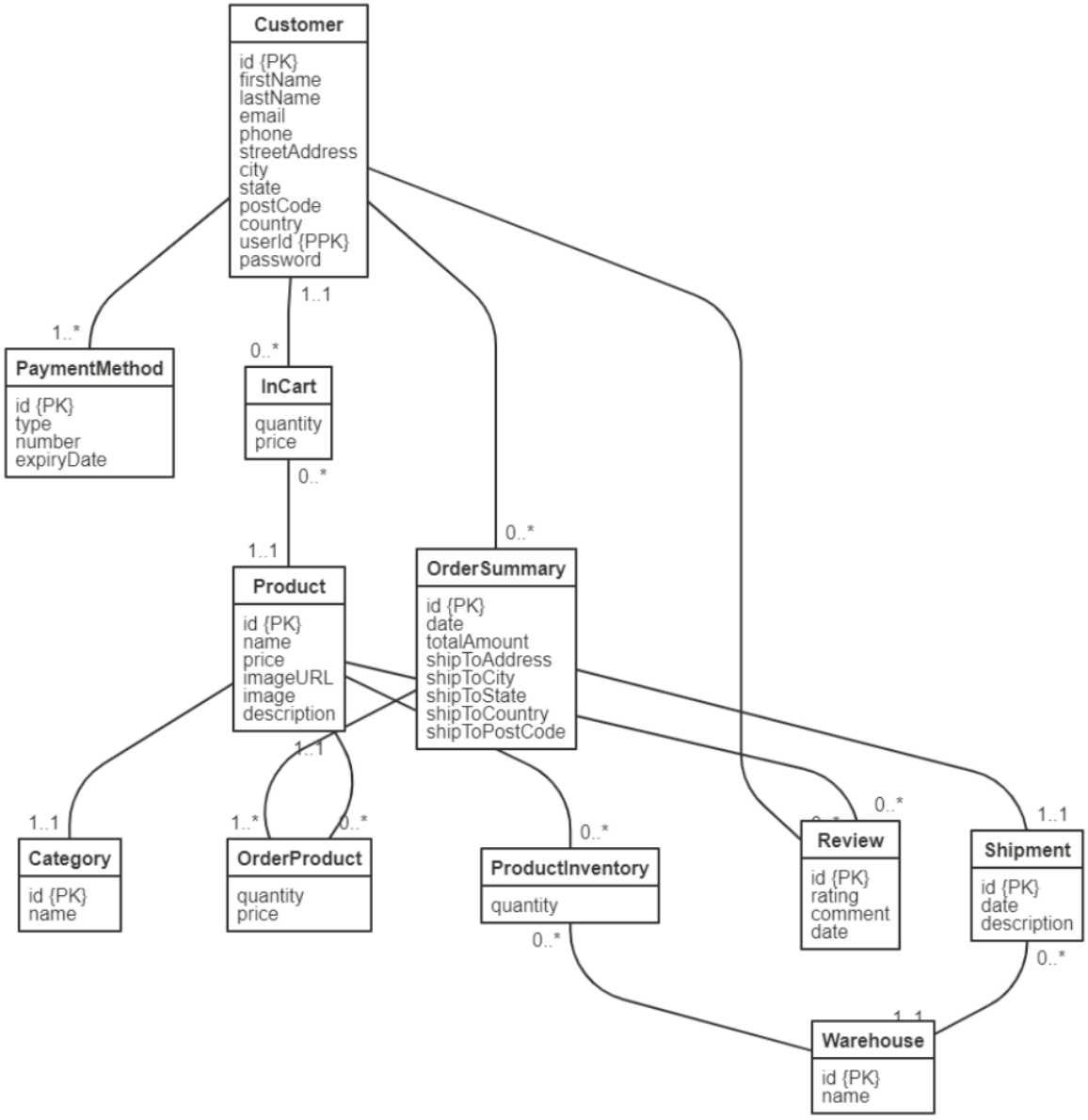
ER/UML Diagram



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Pending Implementations/Features

- ☐ Search and browse by category, categories are in place but not coded in yet.
- ☐ Hyperlinks for slideshow on the main page to their respective products.
- ☐ Modified DockerImage for Cloud Hosting.
- ☐ Shipment page
- ☐ Administrative page