

Individual Project

Store Front

[Github Repo](#)

CSC-17B

Date: 06/11/2023

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Extra Github Link: <https://github.com/JCarlito/StoreFrontWeb>

Implementation:

Implementation began with structuring the sql tables before writing any code. I took this approach so I could visualize how I was going to go about storing data. Then I went on to creating the simple store front page and then went onto creating the cart. Once the store front and cart worked, I then began to create the User and Admin pages for signing in and keeping track of customers.

Instructions on How to Run 17B_GUIStoreFrontv4

1. Create an SQL schema named “storefront”. If you can’t create a schema with the name “storefront” then name it anything and then navigate to the db_connection.php file in 17B_GUIStoreFrontv4 and change the \$db variable to fit the name chosen.
2. Next import the storefront.sql file into SQL workbench and run the query inside the storefront schema to set up the database.
3. Next make sure in XAMPP that MySQL and Apache are running
4. Then open the 17B_GUIStoreFrontv4 project and run the sign_in.html file and navigate through the store freely

NOTE: If the following credentials do not work. A user account can simply be created. To create an admin account an admin key is necessary which is “1234” in case the admin credentials do not work.

Login Credentials

Admin username: mlehr **password:** mlehr

User username: test123 **password:** test123

Sample Input/Output

Login/Registration

Welcome to the Shoe Odyssey!

Please choose your action:

Admin Register

Admin Login

Customer Register

Customer Login

Customer Login

Username:

Password:

Login

Admin Login

Username:

Password:

Login

Customer Register

Username:

Password:

Register

Login

Admin Register

Username:

Password:

Admin Key:


Register

Login

Sign Out

The Shoe Odyssey


View Cart



Nike

Model: Airforce 1
Price: \$89.99
Stock: 10000


8 Add to Cart




Adidas

Model: Ultraboost
Price: \$179.99
Stock: 10000

1 Add to Cart




Nike



Nike

Model: Airmax 90
Price: \$129.99
Stock: 10000


1 Add to Cart



Nike

Model: Airmax 97
Price: \$169.99
Stock: 10000


1 Add to Cart



Nike

Activate Windows
Go to Settings to activate Windows.

Shopping Cart



Nike

Model: Airforce 1
Price: \$89.99


8 Update

Clear Cart

Checkout

Return to Store Front

Shopping Cart



Nike

Model: Airforce 1
Price: \$89.99

4 Update

Clear Cart

Checkout

Return to Store Front

Shopping Cart

Clear Cart

Checkout

Return to Store Front

Welcome to the Admin Page

Add Inventory

Edit Inventory

Edit Users

View Purchase History

Total Revenue

Add Inventory Item

Brand:

Model:

Price:

Stock:

 ▾

Shoe Image:

No file selected.

Add Item

| Brand | Name | Price \$ | Stock | Image | Status | Action |
|-------------------------------------|---|-------------------------------------|------------------------------------|--|--|--|
| <input type="text" value="Nike"/> | <input type="text" value="Airforce 1"/> | <input type="text" value="89.99"/> | <input type="text" value="10000"/> | <input type="button" value="Browse..."/> No file selected. | <input checked="" type="radio"/> Activate <input type="radio"/> Deactivate | <input type="button" value="Edit Item"/> |
| <input type="text" value="Nike"/> | <input type="text" value="Airmax 90"/> | <input type="text" value="129.99"/> | <input type="text" value="10000"/> | <input type="button" value="Browse..."/> No file selected. | <input checked="" type="radio"/> Activate <input type="radio"/> Deactivate | <input type="button" value="Edit Item"/> |
| <input type="text" value="Adidas"/> | <input type="text" value="Ultraboost"/> | <input type="text" value="179.99"/> | <input type="text" value="10000"/> | <input type="button" value="Browse..."/> No file selected. | <input checked="" type="radio"/> Activate <input type="radio"/> Deactivate | <input type="button" value="Edit Item"/> |
| <input type="text" value="Nike"/> | <input type="text" value="Airmax 97"/> | <input type="text" value="169.99"/> | <input type="text" value="10000"/> | <input type="button" value="Browse..."/> No file selected. | <input checked="" type="radio"/> Activate <input type="radio"/> Deactivate | <input type="button" value="Edit Item"/> |
| <input type="text" value="Nike"/> | <input type="text" value="Air Jordan 1"/> | <input type="text" value="219.99"/> | <input type="text" value="10000"/> | <input type="button" value="Browse..."/> No file selected. | <input checked="" type="radio"/> Activate <input type="radio"/> Deactivate | <input type="button" value="Edit Item"/> |
| <input type="text" value="Nike"/> | <input type="text" value="Air Jordan 3"/> | <input type="text" value="199.99"/> | <input type="text" value="10000"/> | <input type="button" value="Browse..."/> No file selected. | <input checked="" type="radio"/> Activate <input type="radio"/> Deactivate | <input type="button" value="Edit Item"/> |
| <input type="text" value="Nike"/> | <input type="text" value="Air Jordan 4"/> | <input type="text" value="249.99"/> | <input type="text" value="10000"/> | <input type="button" value="Browse..."/> No file selected. | <input checked="" type="radio"/> Activate <input type="radio"/> Deactivate | <input type="button" value="Edit Item"/> |
| <input type="text" value="Nike"/> | <input type="text" value="SB Dunk"/> | <input type="text" value="109.99"/> | <input type="text" value="10000"/> | <input type="button" value="Browse..."/> No file selected. | <input checked="" type="radio"/> Activate <input type="radio"/> Deactivate | <input type="button" value="Edit Item"/> |
| <input type="text" value="Vans"/> | <input type="text" value="Old Skool"/> | <input type="text" value="49.99"/> | <input type="text" value="10000"/> | <input type="button" value="Browse..."/> No file selected. | <input checked="" type="radio"/> Activate <input type="radio"/> Deactivate | <input type="button" value="Edit Item"/> |

View User Purchase History

| Username | Actions |
|-----------|--|
| jcarlito | <button>View Purchase History</button> |
| gcarlito | <button>View Purchase History</button> |
| lcarlito | <button>View Purchase History</button> |
| test123 | <button>View Purchase History</button> |
| test12345 | <button>View Purchase History</button> |

| jcarlito's Purchase History | | | | | | |
|-----------------------------|------------|----------|---------|----------|----------|------------|
| Brand | Model | Quantity | Price | Total | Order ID | Date |
| Nike | Airforce 1 | 1 | \$89.99 | \$89.99 | 11 | 05/18/2023 |
| Nike | Airforce 1 | 11 | \$89.99 | \$989.89 | 12 | 05/18/2023 |

Total spent: \$1079.88

Unique items bought: 1

Admin Menu

Return to Purchase History

Revenue

| Brand | Model | Quantity | Price | Total | Order ID | Date |
|-------|--------------------------|----------|----------|-----------|----------|------------|
| Nike | Airforce 1 | 1 | \$89.99 | \$89.99 | 11 | 05/18/2023 |
| Nike | Airforce 1 | 11 | \$89.99 | \$989.89 | 12 | 05/18/2023 |
| Nike | Air Jordan 1 | 10 | \$219.99 | \$2199.90 | 13 | 05/19/2023 |
| Nike | Air Jordan 3 | 3 | \$199.99 | \$1819.91 | 14 | 05/19/2023 |
| Nike | SB Dunk | 2 | \$109.99 | \$1819.91 | 14 | 05/19/2023 |
| Nike | Air Jordan 4 | 4 | \$249.99 | \$1819.91 | 14 | 05/19/2023 |
| Nike | Airforce 1 | 4 | \$89.99 | \$1709.90 | 15 | 05/19/2023 |
| Nike | Airmax 90 | 5 | \$129.99 | \$1709.90 | 15 | 05/19/2023 |
| Nike | Airmax Sean Wotherspoons | 1 | \$699.99 | \$1709.90 | 15 | 05/19/2023 |

Total Revenue: \$6809.59
Unique Items sold: 7

Summary

Folder/Files Layout

17B_GUIStoreFrontv4

Source Files

- Images
 - Holds image paths that can be used for shoes when adding inventory
- Php_scripts
 - Add_item.php
 - Add_to_cart.php
 - Admin_login_process.php
 - Admin_register_process.php
 - Checkout_cart.php
 - Clear_cart.php
 - Customer_login_process.php
 - Customer_register_process.php
 - Edit_item.php
 - Edit_user.php
 - Sign_out.php
 - Update_cart.php
 - View_user_history.php
- Add_inventory.php
- Admin.php
- Admin_login.html
- Admin_register.html
- Checkout_success.php
- Customer_login.php
- Customer_register.php
- Db_connection.php
- Edit_inventory.php
- Edit_users.php
- Shopping_cart.php
- Sign_in.html
- Store_front.php
- Total_revenue.php
- view_purchase_history.php

Project Properties

Project Properties - 17B_GUIStoreFrontv4

Categories:

- Sources
- Run Configuration
- Browser
- JavaScript Libraries
 - npm
 - Bower
 - CDNJS
- JavaScript
 - RequireJs
 - Oracle JET
- CSS Preprocessors
- Include Path
- Ignored Folders
- Frameworks
 - Doctrine2
 - Nette2
 - Smarty
 - Symfony 2/3
- Testing
 - atoum
 - Codeception
 - Nette Tester
 - PHPUnit
- JavaScript Testing
- Selenium Testing
- Documentation

Project Folder: C:\xampp\htdocs\17B_GUIStoreFrontv4

Source Folder: C:\xampp\htdocs\17B_GUIStoreFrontv4

Web Root: <Source Folder>

☐ Copy files from Sources Folder to another location

Copy to Folder:

☐ Copy files on project open

Encoding: UTF-8

PHP Version: PHP 7.4

PHP version is used only for hints

☐ Allow short tags (<?)

☐ Allow ASP tags (<% and %>)

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Configuration: <default>

Run As: Local Web Site (running on local web server)

Project URL: http://localhost/17B_GUIStoreFrontv4/

Index File:

Arguments:

http://localhost/17B_GUIStoreFrontv4/

1. Objects - Javascript/PHP - Serialization
 - a. \$_SESSION in PHP is an object
2. SQL Store Front Database

Users SQL Tables

Admins:

| | admin_id | username | password |
|---|-------------|----------|----------------|
| ▶ | 5 | mlehr | \$2y\$10\$FYBB |
| ⚙ | <AutoField> | | |

Cart:

| | cart_id | user_id | product_id | quantity |
|---|-------------|---------|------------|----------|
| ▶ | <AutoField> | | | |

Inventory:

| | product_id | brand | model | price | stock | status | image |
|---|-------------|--------|------------|--------|-------|--------|------------|
| ▶ | 1 | Nike | Airforce 1 | 89.99 | 10000 | ✓ | ../images/ |
| | 2 | Nike | Airmax 90 | 129.99 | 10000 | ✓ | ../images/ |
| | 3 | Adidas | Ultraboost | 179.99 | 10000 | ✓ | ../images/ |
| | 4 | Nike | Airmax 97 | 169.99 | 10000 | ✓ | ../images/ |
| | 5 | Nike | Air Jordan | 219.99 | 10000 | ✓ | ../images/ |
| | 6 | Nike | Air Jordan | 199.99 | 10000 | ✓ | ../images/ |
| | 7 | Nike | Air Jordan | 249.99 | 10000 | ✓ | ../images/ |
| | 8 | Nike | SB Dunk | 109.99 | 10000 | ✓ | ../images/ |
| | 9 | Vans | Old Skool | 49.99 | 10000 | ✓ | ../images/ |
| | 10 | Puma | RS-X | 119.99 | 10000 | ✓ | ../images/ |
| | 13 | Nike | Air Monar | 69.99 | 10000 | ✓ | ../images/ |
| | 14 | Nike | Airmax 95 | 139.99 | 10000 | ✓ | ../images/ |
| | 18 | Nike | Airmax Se | 699.99 | 10000 | ✓ | ../images/ |
| ⚙ | <AutoField> | | | | | | |

Order_details:

| | order_detail_id | order_id | product_id | quantity | price |
|---|-----------------|----------|------------|----------|--------|
| ▶ | 9 | 11 | 1 | 1 | 89.99 |
| | 10 | 12 | 1 | 11 | 89.99 |
| | 11 | 13 | 5 | 10 | 219.99 |
| | 12 | 14 | 6 | 3 | 199.99 |
| | 13 | 14 | 8 | 2 | 109.99 |
| | 14 | 14 | 7 | 4 | 249.99 |
| | 15 | 15 | 1 | 4 | 89.99 |
| | 16 | 15 | 2 | 5 | 129.99 |
| | 17 | 15 | 18 | 1 | 699.99 |
| ⚙ | <AutoField> | | | | |

Orders:

| | order_id | user_id | total |
|---|-------------|---------|---------|
| ▶ | 11 | 6 | 89.99 |
| | 12 | 6 | 989.89 |
| | 13 | 7 | 2199.90 |
| | 14 | 8 | 1819.91 |
| | 15 | 8 | 1709.90 |
| ☀ | <AutoField> | | |

Users:

| | user_id | username | password | status |
|---|-------------|-----------|----------------|-------------------------------------|
| ▶ | 6 | jcarlito | \$2y\$10\$g8Uy | <input checked="" type="checkbox"/> |
| | 7 | gcarlito | \$2y\$10\$wSe1 | <input checked="" type="checkbox"/> |
| | 8 | lcarlito | \$2y\$10\$PUCv | <input checked="" type="checkbox"/> |
| | 9 | test123 | \$2y\$10\$Kmal | <input checked="" type="checkbox"/> |
| | 10 | test12345 | \$2y\$10\$dWw | <input checked="" type="checkbox"/> |
| ☀ | <AutoField> | | | |

3. Form Validation - Regular Expressions

- Registration uses form validation and hashing for user information and verification

4. User-Admin-Login

- Admin interface implemented. Can edit users' status, username, password. Add inventory and edit inventory as well. Also view user purchase history and total revenue

5. Cookies - Sessions - Securing Pages

- Login and logout functions use PHP sessions.
- User can not directly access the store or admin page without login in. If they try to access a page they will be redirected.