

# Virtual Mall Project

## Project Overview:

You are required to develop a simple website that host multiple stores (virtual mall) (ex: some think like hunger station which host a number of restaurants) You will have to create 2 different interfaces for the webstore: **admin interface** to control stores and **customer interface** to browse and buy products.

## Admin Interface :

*Admin interface is responsible for controlling and managing the stores and the items within the stores. It should have six web pages as the following:*

1. **admin.php**: contain admin login form. Admin can use predefined username and password details .
  - a. username: admin
  - b. password: admin123
2. **dashboard.php**: after successful login, this page will have links to two web pages (addStore.php and updateStore.php)
3. **addStore.php**: allows the admin to add a new store. The admin should enter the **name –photo(store logo)** and this information should be stored in the database. After adding a new store the user should be redirected into the addItem.php page.
4. **updateStore.php** this page allows the user to select a store to remove or add a new item to the store. When the user selects to add a new item to the store, the user will be redirected into the addItem.php page.
5. **addItem.php** allow admin to add item to a store. The item should at least has name, price, and a photo . After addition redirect to updateStore.php page.
6. **viewOrders.php**: allows the admin to view customers' orders in a table. The table should have 4 columns (order date – customer email – order number – Total price- store name )

## Customer Interface:

*Customer interface is responsible for browsing, choosing and purchasing products. It should have **five** web pages as the following:*

1. **index.html** will contain the website name and a login form for customers
2. **register.php**: will contain registration form
3. **home.php**: will contain the available stores
4. **store.php**: when the user clicks on a certain store, all product within a store will appear in this page and a button to add the product to the shopping cart will appear.
5. **cart.php**: will contain the products added to the shopping cart.

## Notes:

- A customer is required to register to become a member and start shopping. Your registration form should ask the user to fill in the following information:
  1. Name
  2. Email
  3. Password
  4. Confirm password
- You should validate the form appropriately using **JavaScript AND PHP** to meet the following conditions:
  - a. All fields should not be empty
  - b. Password and Confirm password fields should be the same
  - c. After a user register with an email address, the website will not accept any future registration using the same email.
- After a member is registered successfully, the website should redirect to login form in the index page. The login form should also be validated appropriately.
- Once the member is logged in successfully, **home.php** will display a welcome message with the customer's name and the list of available stores. The member can click any store to their product and the product to the shopping cart. The customer is not allowed to make an order from different stores each order has to be from the same store.

- Members can go to shopping cart page (**cart.php**) and confirm the order. The customer does not have to add any additional information (shipping / billing information is not needed) and you do not have to add payment processing in this project, just assume that the website offers COD (Cash on Delivery) option only.

**Keep in mind the following:**

1. "index.html" is the homepage and will contain customer's login form and link to registration page (register.php)
2. Users will login using their registered email address and password.
3. Users can logout of the system at any time.
4. You do NOT need to add 'forgot password' or 'remember me' functionality in your website.
5. Use one file (config.php) for connection details and use it throughout the website.
6. Use PHP sessions to maintain state.
7. NEVER use JavaScript's alert box in your project.
8. Should we add a point about using any ready-to-use CSS files?

In the following pages, you can see multiple ***samples*** for the different web pages:

Page	Sample																								
Admin	<div><div>Admin Login</div><div><div>Username:</div><div></div></div><div><div>Password:</div><div></div></div><div><div>Login</div></div></div>																								
Dashboard	<div><div>Welcome to Admin Dashboard</div><div><div>Logout</div></div><div><div><div><div>Add Store</div></div><div><div>Update Store</div></div></div></div></div>																								
addStore	<div><div>Add New Store</div><div><div>Dashboard</div><div>Logout</div></div><div><div>Store Name:</div><div></div></div><div><div>Store Logo:</div><div><div>Choose File</div><div>no file selected</div></div></div><div><div>Add Store</div></div></div>																								
updateStore	<div><div>Update Store</div><div><div>Dashboard</div></div><div><div>Store 1</div><div><div>Add Item</div></div><div><div>▼ Store items</div><table><tr><th>Item Name</th><th>Description</th><th>Price</th><th>Action</th></tr><tr><td>Item 1</td><td>Description of Item 1</td><td>\$10</td><td><div>Remove</div></td></tr><tr><td>Item 2</td><td>Description of Item 2</td><td>\$15</td><td><div>Remove</div></td></tr></table></div><div><div>Store 2</div><div><div>Add Item</div></div><div><div>▼ Store items</div><table><tr><th>Item Name</th><th>Description</th><th>Price</th><th>Action</th></tr><tr><td>Item A</td><td>Description of Item A</td><td>\$20</td><td><div>Remove</div></td></tr><tr><td>Item B</td><td>Description of Item B</td><td>\$25</td><td><div>Remove</div></td></tr></table></div></div></div></div>	Item Name	Description	Price	Action	Item 1	Description of Item 1	\$10	<div>Remove</div>	Item 2	Description of Item 2	\$15	<div>Remove</div>	Item Name	Description	Price	Action	Item A	Description of Item A	\$20	<div>Remove</div>	Item B	Description of Item B	\$25	<div>Remove</div>
Item Name	Description	Price	Action																						
Item 1	Description of Item 1	\$10	<div>Remove</div>																						
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Item Name	Description	Price	Action																						
Item A	Description of Item A	\$20	<div>Remove</div>																						
Item B	Description of Item B	\$25	<div>Remove</div>																						
addItem	<div><div>Add Item</div><div><div>Back to Update Store</div><div>Logout</div></div><div><div>Item Name:</div><div><div>item1</div></div></div><div><div>Price:</div><div><div>2</div></div></div><div><div>Photo:</div><div><div>Choose File</div><div>no file selected</div></div></div><div><div>Add Item</div></div></div>																								

Page	Sample															
viewOrders	<div><div>View Orders</div><div><a href="#">Dashboard</a><a href="#">Logout</a></div><table><tr><th>Order Date</th><th>Customer Email</th><th>Order Number</th><th>Total Price</th><th>Store Name</th></tr><tr><td>2024-03-24</td><td>customer@example.com</td><td>123456</td><td>\$50</td><td>Store A</td></tr><tr><td>2024-03-23</td><td>anothercustomer@example.com</td><td>789012</td><td>\$30</td><td>Store B</td></tr></table></div>	Order Date	Customer Email	Order Number	Total Price	Store Name	2024-03-24	customer@example.com	123456	\$50	Store A	2024-03-23	anothercustomer@example.com	789012	\$30	Store B
Order Date	Customer Email	Order Number	Total Price	Store Name												
2024-03-24	customer@example.com	123456	\$50	Store A												
2024-03-23	anothercustomer@example.com	789012	\$30	Store B												
Index page	<div><div>Customer Login</div><div><a href="#">Register</a></div><div>Email: <input type="text"/></div><div>Password: <input type="password"/></div><div>Login</div></div>															
Register page	<div><div>Customer Registration</div><div><a href="#">Login</a></div><div>Name: <input type="text"/></div><div>Email: <input type="text"/></div><div>Password: <input type="password"/></div><div>Confirm Password: <input type="password"/></div><div>Register</div></div>															
Home	<div><div>Welcome to Our Virtual Mall</div><div><a href="#">Cart</a><a href="#">Logout</a></div><div>Welcome, [Customer Name]!</div><div>Below are the available stores:</div><table><tr><th>Store Name</th><th>Store Logo</th><th>Action</th></tr><tr><td>Store 1</td><td><input type="text" value="Store 1 Logo"/></td><td>Select</td></tr><tr><td>Store 2</td><td><input type="text" value="Store 2 Logo"/></td><td>Select</td></tr></table></div>	Store Name	Store Logo	Action	Store 1	<input type="text" value="Store 1 Logo"/>	Select	Store 2	<input type="text" value="Store 2 Logo"/>	Select						
Store Name	Store Logo	Action														
Store 1	<input type="text" value="Store 1 Logo"/>	Select														
Store 2	<input type="text" value="Store 2 Logo"/>	Select														

Page

Store

Sample

Store

Home

Cart

Logout

Store Name

Item Name	Description	Price	Quantity	Action
Item 1	Description of Item 1	\$10	<div>1</div>	<div>Add to Cart</div>
Item 2	Description of Item 2	\$15	<div>1</div>	<div>Add to Cart</div>

cart

Shopping Cart

Item 1

Item 1

Description of Item 1

Price: \$10

1

Remove

Item 2

Item 2

Description of Item 2

Price: \$15

1

Remove

Proceed to Checkout

Cancel All