**BuyOnline - Project 2 Documentation**

# **URL:**

* To access the project, use the following link: <https://mercury.swin.edu.au/cos80021/s105299366/Project2/buyonline.htm>

# **List of Files:**

## **HTML files:**

1. **buyonline.htm**
   * Home page for the BuyOnline platform.
2. **login.htm**
   * Customer login page.
3. **mlogin.htm**
   * Manager login page.
4. **register.htm**
   * Customer registration page.
5. **buying.htm**
   * Page for customers to view and purchase available items
6. **listing.htm**
   * Item listing page that add products into the inventory(used by managers).
7. **processing.htm**
   * Used by managers to process purchase orders.
8. **logout.htm**
   * logout page.

## **JavaScript Files:**

1. **listing.js**
   * JavaScript for handling the dynamic listing of items.
2. **register.js**
   * Handles form validation and submission for customer registration.

## **PHP Files:**

1. **register.php**
   * Handles customer registration process.
2. **customer\_login.php**
   * Authenticates customer login details.
3. **manager\_login.php**
   * Authenticates manager login details.
4. **add\_item.php**
   * Add new items to the goods list (accessible to managers).
5. **process\_items.php**
   * Manager tool for processing purchase orders.
6. **get\_goods\_data.php**
   * Fetches goods information from the server to populate item listings.
7. **update\_quantity.php**
   * Updates item quantity when a purchase is made.
8. **update\_quantity\_remove.php**
   * Handles removing items from the cart and updating quantities.
9. **confirm\_purchase.php**
   * Processes and confirms a customer's purchase.
10. **cancel\_purchase.php**
    * Handles cancelling customer purchase requests.
11. **redirect.php**
    * Redirects users back to login page based on session validation.
12. **logout.php**
    * Handles user session termination and logout processes.

# **Instructions for Use**

## **Customer Workflow**

1. **Registration**
   * Customers should first register by navigating to **register.htm**. Once registered, they can log in via **login.htm**.
2. **Shopping**
   * After login, customers can browse products via **buying.htm** and add items to their shopping cart.
   * If a customer confirms their purchase, the system will automatically update the inventory via **confirm\_purchase.php**
   * If a customer cancels their purchase, the system will automatically update the inventory via **cancel\_purchase.php**
3. When logging out via **logout.htm**, the system ensures that any pending items in the cart are canceled before terminating the session.

## **Manager Workflow**

1. **Login**
   * Managers access their functionalities via **mlogin.htm**. This allows them to manage inventory and process customer orders.
2. **Listing**
   * Managers can add items into the inventory using **listing.htm**
3. **Processing Orders**
   * Using the **processing.htm** page, the manager can process the sold items.
4. **Logout**
   * Manager can logout from the system using the logout button.