HeritageHub Online Retail Store

An Online Retail Store for Traditional Artifacts

Deadline 6

DBMS Project :

Designing the Conceptual and Relational Models

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User Guide

How to use HeritageHub CLI

1   Introduction

The Heritage Hub CLI Application provides a command-line interface for different user roles: Admin, Customer, and Vendor. This user guide outlines the features and functionalities of each interface and explains how users can interact with the application.

2   Admin Interface

2.1   Features

1. **Admin Login:**

   - Allows admins to log in with their credentials.

   - Validates admin credentials against the database.

   - Provides access to admin-specific functionalities upon successful login.

2. **Admin Menu Options:**

   - Customer Analysis

   - Inventory Analysis

   - Customers with Greater Orders Than Others

   - Customer Reviews Sorted by Product Reviews

   - Customers Who Have Not Placed Any Orders

   - Top 5 Customers with Highest Total Purchases

   - Delete Customer

   - Logout

3. **Delete Customer:**

   - Allows admin to delete a customer record from the database.

   - Requires admin confirmation for customer deletion.

2.2   Usage

```
# Admin login function
def admin_login ( connection ):
    # Admin authentication logic
```

```
4        # Access admin menu upon successful login
5
6  # Admin menu options functions (e.g., Customer Analysis, Inventory
       Analysis)
7  # Functions to execute specific queries and display results
8
9  # Main function to initiate admin interface
10 def main():
11       # Display admin menu and handle user choices
```

3   Customer Interface

3.1   Features

1. **Customer Login:**

   - Allows customers to log in with their credentials.

   - Authenticates customer credentials against the database.

   - Provides access to customer-specific functionalities upon successful login.

2. **Customer Menu Options:**

   - View All Products

   - View My Cart

   - View My Orders

   - Logout

3. **View All Products:**

   - Displays a list of all available products.

   - Allows customers to add products to their cart.

4. **View My Cart:**

   - Shows items added to the customer's cart.

   - Allows customers to place orders from their cart.

3.2   Usage

```
1 # Customer login function
2 def customer_login(connection):
3     # Customer authentication logic
4     # Access customer menu upon successful login
5
6 # Customer menu options functions (e.g., View All Products, View My Cart)
7 # Functions to display product listings and manage cart operations
8
9 # Main function to initiate customer interface
10 def main():
11     # Display customer menu and handle user choices
```

4   Vendor Interface

4.1   Features

1. **Vendor Login:**

   - Allows vendors to log in with their credentials.

   - Validates vendor credentials against the database.

   - Provides access to vendor-specific functionalities upon successful login.

2. **Vendor Menu Options:**

   - View My Products

   - Add New Product

   - Logout

3. **View My Products:**

   - Displays a list of products owned by the vendor.

   - Allows vendors to view and manage their listed products.

4. **Add New Product:**

   - Enables vendors to add new products to their inventory.

   - Collects product details such as name, price, quantity, and description.

4.2 Usage

```
1  # Vendor login function
2  def vendor_login(connection):
3      # Vendor authentication logic
4      # Access vendor menu upon successful login
5
6  # Vendor menu options functions (e.g., View My Products, Add New Product)
7  # Functions to display vendor-specific product listings and manage
       inventory
8
9  # Main function to initiate vendor interface
10 def main():
11     # Display vendor menu and handle user choices
```

5 Conclusion

The Heritage Hub CLI Application provides distinct interfaces for admins, customers, and vendors, each tailored to specific user roles. By following this user guide, users can effectively navigate through the application and utilize its functionalities based on their role within the Heritage Hub platform.