Bulk_order_technical_documentation

Two types of users:

1. Vendor

2. Web User(Buyer)

Pages:

1. For Vendor:

  i.   New Orders

  ii.   Approved Orders

  iii.   Set hresolds

   iv. Help

2. For Buyer:

 i. search_item and place order

ii. order-list

Functions :

  i.   For New Orders:- Take the order-list from the bulk_order database check if it has reached it's threshold then display to the vendor.

         Ship button click means vendor has seen the the orders and has started shipping, On ship_click we move the orders from bulk_order table to old_bulk_order table so that when new orders are placed they are not mixed with the previous orders.

  ii.   For Approved orders:- Take the order-list from the old_bulk_order table and diasplay to the vendor in table where he can edit the details to update the shipping status when the item has been shipped .When he updates the status to yes, The following actions are performed:
         a.   Status column is set to yes of the corresponding order-id.
         b.   A transaction-id is generated as uid and inserted to the transaction-id column of the corresponding order's row .Here further we have kept a probable enhancement to generate the billing details and send it to the user's account as downloadable pdf file.
         c.   We show all the orders having status yes or no for history reference but vendor can delete any of these orders from the tableview only.
  iii.   Set thresolds:- admin_shipment_requirements.php file contains four functions

set_min_total_cost($cost), set_min_no_of_items($items), get_min_total_cost(),get_min_no_of_items()

Using these functions we take the min_cost(minimum total cost of orders as a whole required for shipping consideration) ,min_items (threshold no. of items required for shipping consideration).These can be set by the updated by the vendor in this section. We use set functions for that purpose.

iv. Store:

In this section vendor can see his store update the offers and threshold for offers, add new items to the store

v. Help:

This page contains the user manual for the user(vendor or buyer) for the website navigation.

vi. Search items and place order:-

In search section buyer can search for the for the items in the store and place orders after redirected to their account. We have searched for item name by substring from the vendor's database table. Then displaying the image, item name brand, price and discount if available. User needs to give the number of items(i.e. quantity)before placing the order. During display of items we give the buybtn id equal to item-id.

On buy click we take the item's id from the buybtn 's id and take details from the vendor's database table, take the current date-time from the server and username from the session then user shipping details email, shipping address ,phone from the user table and place all these order_details in the bulk_order database keeping delivery date equal to null and delivery status equal to 'NO'. If these all go well we show user the order details otherwise show the error message.

vii. Order-list:-

Here we show the user his order history all shipped or unshipped. These orders are only shown to the user till vendor has not deleted the corresponding entry from the old_bulk_orders table .As enhancement he can see the bill as downloadable pdf file.

Files:

i. Template_bulk.php

From here user can go to either vendor's page or buyer page by selecting 'Vendor' and 'Users Bulk Order' respectively from the vertical menu on left top of the page. Enhancement here can be we can make page more attractive showing images and news related to the website.

ii. Bulk_vendor_login.php

On selecting 'Vendor' option it is checked if user is logged in as a Vendor user, if not he/she is redirected to the 'bulk_vendor_login' page. From here either he/she can login or signup.For signup we redirect him/her to 'register.php' page.

iii. Vendors.php

After login vendor is redirscted to this page. This page contains verticle menu on top left which has following links:

New orders:

This link redirects the user to 'new orders.php' where he sees the notifications about orders he has. In this page we take the thresholds from 'shipment requirements' table and from bulk_order table take the items ' count and total prices and if either has reached its threshold then we notify him in a table view .As he clicks ship we move these orders from bulk_order to old_bulk_orders keeping status ='NO' .So that next time we notify him only about new orders .

Approved Orders:

This link redirects him to approved_orders.php page. These are the orders which vendor has seen and approved for shipping. We show these orders in a table view from where he can update the status row-wise after shipping. He can also delete rows from here.

Set Threshold:

This link redirect him to 'set_thresolds.php' which contains a form whose action is 'set_min_thresolds.php' . set_min_thresolds.php includes 'admin_shipment_requirements.php', which contains the functions to set and get the thresolds.

On set_thresolds.php page we show him the current thresholds and he can set new threshold filling the form .

Items Store

This link redirects to 'store.php' where we show the user(vendor) specific store in a table-view retrieving from the 'vendor's database' table.From here he can edit the details ,add new items ,set the threshold and discount. He can insert, delete or update the table rows which belong to him.

Help

This is link to help.php which contains user_manual for bulk__order.

iv.   New_orders.php

Here he sees the notifications about orders he has. In this page we take the thresholds from 'shipment requirements' table and from bulk_order table take the items ' count and total prices and if either has reached its threshold then we notify him in a table view .As he clicks ship we move these orders from bulk_order to old_bulk_orders keeping status ='NO' .So that next time we notify him only about new orders .

v.   Admin_shipment_requirements.php

This file contains following variables and functions:

Variables:

vi.   Ship.php

In this file three queries are there select from bulk_order,insert into old_bulk_orders and delete from bulk_order.Overall move from bulk_order to old_bulk_orders.

vii.   Del_bulk_orders.php

Same as ship.php

viii. Delete.php

Contains query for deleting item from item store.Auxiliary file for stores.php.

ix. Approved_orders.php

These are the orders which vendor has seen and approved for shipping. We show these orders in a table view from where he can update the status row-wise after shipping. He can also delete rows from here.

x. Store.php

In this page we show the user(vendor) specific store in a table-view retrieving from the 'vendor's database' table.From here he can edit the details ,add new items ,set the threshold and discount. He can insert, delete or update the table rows which belong to him.

xi. Set_min_thresolds.php

This file contains the contents for action of set_thresold.php

xii. Set_threshold.php

This page contains a form whose action is 'set_min_thresolds.php' . set_min_thresolds.php includes 'admin_shipment_requirements.php', which contains the functions to set and get the thresolds.

On set_thresolds.php page we show him the current thresholds and he can set new threshold filling the form .

xiii. Bulk_logout.php

Logout for logged in vendor.

xiv. Users bulk order.php

xv. Bulk_buy.php

xvi. Users_bulk_display.php

xvii. Orders list.php

xviii. Buy.php

Database: online_trading

Tables:

i. Bulk_order: Contains vendor-wise new orders placed by the customers.

Columns:

user_nm- username of the buyer.

qty- no. of items ordered by the buyer.

Item_id – id of the item ordered. Item_id is unique for each item in the vendor's database table. Same item of different vendor has different id.

txn_id- this is the unique id for the reference of transaction. This can be helpful if same order has diffent transactions.

order_id-this is auto incremented primary key for this table, so querying by order id is most crucial.

order_time-time of the order. We are taking current server datetime in proper sql formate while inserting the order details in this table.

delivery_time- it can be null.it is updated when vendor is updating the status of shipping in 'approved orders' section to yes.

status- By default it's set to 'NO'. When vendor is updating the shipping status after delivery of the item,it is set to 'Yes'.

cost- This is the total-cost(cost per item(cost-discoount)*no. of items(qty))in Rupees.

shipping_address-The address where item has to be shipped. We are taking this from the 'user' table. Enhancement here might be again asking the user if he wants to give the details for shipping as address,phone ,email etc.

mobile_no- mobile or phone of the user.We are assuming the user has indian mobile no. or phone not considering the std/isd codes.

item_name- Name of the item.

email_id – email of the user. We are taking from the 'user' table.

vendor_name – name of the vendor the item belongs to.

ii.   Old_bulk_orders: Contains vendor-wise orders approved by the vendor and added to shipping queue. This table has the same attributes as bulk_order table.We are keeping this extra table to make sure that vendor is not notified about the same orders again and again from the 'bulk_order' table. and also for history of orders purpose. User(buyer) has a order-list section to see his history of orders.

iii.   Shipment_requirements: Contains vendor-wise the minimum thresholds required to consider for shipping of the orders.
Columns:
 id: unique auto-incremented separate for each vendor.
 min_cost- minimum cost of all the new orders as a whole required to consider the orders as bulk_order liable for shipping.
 min_items- minimum number of items from all the new orders as a whole required to consider the orders as bulk_order liable for shipping.
 vendor_name- name of the vendor whose thresolds are.
When either of the thresholds above reaches vendor is notified by the system.

iv.   Vendor's database: Contains vendor-wise store of the items and their price and other details.
Columns:
 id: unique auto-incremented separate for each item-name.
 name: name of the item.
Threshold: Minimum number of items at which discount is available.

v.   Vendor's details: Contains the registered users as vendors of the website.
 id- unique auto-incremented separate for each vendor.
 username- username of the vendor

password- password of the vendor.

vi.   User: Contains the registered users of the website.They can be any type of users, but in bulk_order section we are just considering the buyers from this table. For column details see profile section.