Daniel Werminghausen HW4

CS637

here is no use of hidden parameters when the user selects the room number for the first

time.The user selects the room number from the dropdown menu and id of the room number is

passed through the functions and the URL is referred.

filter\_input() function reads the room\_number on the student welcome page. When this link

appears and If the user then follows the link to order another pizza, the room number is pre-

selected for them in the order form. This happens because the users that are ordering the pizza

might happen to follow the same link that appeared.

Parameters passed with link are: action=order\_pizza & room=<?php echo $room; ?>

In the /pizza/index.php file, a variable $room has been declared and made accessible globally.

So it can be accessed through all the if-else controls and their views. The link :

http://localhost/cs637/himani96/pizza1/pizza/index.php?action=order\_pizza&room=2 shows when the

user selects the room number for the first time. And these types in the URL are stored in database in

server.

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1. There is no use for hidden parameters when the user selects a user\_id for the first time for the pizza 1 solutions. The user selects user\_id from the dropdown menu and id is passed through the function and the URL is referred. Once a name has been selected it stays selected until a new name is selected. filter\_input function read the user\_id on the student welcome page. When the link appears and the user then follows the link to order another pizza, the user\_id is pre-selected for them in the order form. Parameters passed with link are:

<a href="?action=order\_pizza&amp;user\_id=<?php echo $user\_id; ?>

1. In Pizza/index.php is where the changes were made:

Add function session\_start() to index.php

We used filter\_input(INPUT\_POST,'user\_id', ,FILTER\_VALIDATE\_INT); to get user value now we will can use $\_post[‘user\_id’] to get value by form

<?php

session\_start();

If(isset($\_post[‘user\_id’])){

$\_SESSION[‘user\_id’] = $\_post[‘user\_id];

}

In student\_welcome.php and in order\_pizza.php and other files we can use if $\_SESSION[‘user\_id’]

1. A.)

Cart.php

<?php

// Add an item to the cart

function add\_item(&$cart, $products1, $price, $quantity) {

global $products;

if ($quantity < 1) return;

// If item already exists in cart, update quantity

if (isset($cart[$products1])) {

$quantity += $cart[$products1]['qty'];

update\_item($cart, $products1, $quantity);

return;

}

// Add item

$cost = $price;

$total = $cost \* $quantity;

$item = array(

'name' => $products1,

'cost' => $cost,

'qty' => $quantity,

'total' => $total

);

$cart[$products1] = $item;

}

// Update an item in the cart

function update\_item(&$cart, $key, $quantity) {

$quantity = (int) $quantity;

if (isset($cart[$key])) {

if ($quantity <= 0) {

unset($cart[$key]);

} else {

$cart[$key]['qty'] = $quantity;

$total = $cart[$key]['cost'] \*

$cart[$key]['qty'];

$cart[$key]['total'] = $total;

}

}

}

// Get cart subtotal

function get\_subtotal($cart, $decimals = 2) {

$subtotal = 0;

foreach ($cart as $item) {

$subtotal += $item['total'];

}

$subtotal\_f = number\_format($subtotal, $decimals);

return $subtotal\_f;

}

?>

Test1.php

<?php

Require(‘cart.php’);

$cart = array();  
add\_item($cart, ‘Flute’, 149.95, 1);  
print\_r($cart0);

?>

I had to to fix the code since it was not printing out right. We print the first index of array cart, so we get the string ‘Flute’, the key which is the cost 149.95 and we get the quantity which is 1

Array ( [Flute] => Array ( [name] => Flute [cost] => 149.95 [qty] => 1 [total] => 149.95 ) )

B.) cart2.php

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$subtotal\_f = number\_format($subtotal, $decimals);

return $subtotal\_f;

}

?>

Test2.php

<?php

require(‘cart2.php’);

$cart = array();  
$cart = add\_item($cart, ‘Flute’, 149.95, 1);  
print\_r($cart);

?>

We don’t pass by reference to cart anymore taking away &

Empty Array ( )

1. A.) function getAllProducts()

{

$db = Database::getDB();

$categories = CategoryDB::getCategories();

$query = ‘SELECT \* FROM products ORDER BY productID’;

$statement= $dbti>prepare($query);

$statement->bindValue(':category\_id, $category->getID());

$statement->execute();

$rows = $statement->fetchAll();

$statement->closeCursor();

foreach($rows as row){

$product = new Product($category,$row[‘productCode’],$row[‘productName’],$row[‘listPrice’]);

$product->setId($row[‘productID’]);

$products[]=$product;

}

Return $products;

}

B.)

1. <http://localhost/cs637/danwaba/ch05_gs_client/>
2. Categories: <http://localhost/cs637/danwaba/ch05_gs_server/api/categories>

[{"categoryID":"1","categoryName":"Guitars"},{"categoryID":"2","categoryName":"Basses"},{"categoryID":"3","categoryName":"Drums"}]

Products: <http://localhost/cs637/danwaba/ch05_gs_server/api/categories/basses/products>

[{"productID":"7","categoryID":"2","productCode":"precision","productName":"Fender Precision","listPrice":"799.99"},{"productID":"8","categoryID":"2","productCode":"hofner","productName":"Hofner Icon","listPrice":"499.99"}]

Producsts2: <http://localhost/cs637/danwaba/ch05_gs_server/api/categories/guitars/products/2>

{"productID":"2","categoryID":"1","productCode":"les\_paul","productName":"Gibson Les Paul","listPrice":"1199.00"}

1. danwaba@topcat:/var/www/html/cs637/danwaba/ch05\_gs\_server/database$ curl http://topcat.cs.umb.edu/cs637/danwaba/ch05\_gs\_server/api/categories

[{"categoryID":"1","categoryName":"Guitars"},{"categoryID":"2","categoryName":"Basses"},{"categoryID":"3","categoryName":"Drums"}]

Products:

danwaba@topcat:/var/www/html/cs637/danwaba/ch05\_gs\_server/database$ curl http://topcat.cs.umb.edu/cs637/danwaba/ch05\_gs\_server/api/categories/guitars/products

[{"productID":"1","categoryID":"1","productCode":"strat","productName":"Fender Stratocaster","listPrice":"699.00"},{"productID":"2","categoryID":"1","productCode":"les\_paul","productName":"Gibson Les Paul","listPrice":"1199.00"},{"productID":"3","categoryID":"1","productCode":"sg","productName":"Gibson SG","listPrice":"2517.00"},{"productID":"4","categoryID":"1","productCode":"fg700s","productName":"Yamaha FG700S","listPrice":"489.99"},{"productID":"5","categoryID":"1","productCode":"washburn","productName":"Washburn D10S","listPrice":"299.00"},{"productID":"6","categoryID":"1","productCode":"rodriguez","productName":"Rodriguez Caballero 11","listPrice":"415.00"}]

Products2:

danwaba@topcat:/var/www/html/cs637/danwaba/ch05\_gs\_server/database$ curl http://topcat.cs.umb.edu/cs637/danwaba/ch05\_gs\_server/api/categories/guitars/products/2

{"productID":"2","categoryID":"1","productCode":"les\_paul","productName":"Gibson Les Paul","listPrice":"1199.00"}

D.)