

CIS485 PROJECT DESCRIPTION

Web Programming II

PART1 MEMBER SELECTION

Provide the names and emails of each member in your group as well as their role(optional) in the project.

MEMBER1: _____ EMAIL: _____

MEMBER2: _____ EMAIL: _____

PART2 GENERAL DESCRIPTION

Create a portal based shopping cart application allowing the user to either checkout or save the web cart. Use the cookie-based manager functionality to store the user's cart based on his/her userid. The portal based part of the application allows the user to login based on valid login(username,password) credentials stored in the login table. Make sure to prevent duplicate usernames and generate an error when the userid is already taken. If the user does not have a username/password, allow the user to register. Use the following database specifications for the project.

```
DB NAME:      projectcis485
DB User:      cis485user
DB Password:  cis485user
Table:login(id:int,username:varchar(20),password: varchar(20),firstname:varchar(20),lastname:varchar(20))
```

PART3 WEB CART

Within the cart web page, allow the user to save or check out his or her order. If the user saves the cart or logs out make sure to save the web cart data based on the user's userid. Use the following format for storing the web cart from a user:

```
userid=itemname1:itemquantity1:itemprice1@itemname2:itemquantity2:itemprice2@etc
```

When the user logs back into the website make sure to first load the web cart based on the user's username. Make sure to note that this means that multiple carts can exist at any given time, when having multiple users. See below:

```
userid1=itemname1:itemquantity1:itemprice1@itemname2:itemquantity2:itemprice2@etc
userid2=itemname1:itemquantity1:itemprice1@itemname2:itemquantity2:itemprice2@etc
userid3=itemname1:itemquantity1:itemprice1@itemname2:itemquantity2:itemprice2@etc
etc
```

PART4 SESSIONS VALIDATION

When the user logs in, create flag=true session variable, allowing the user to see the entire website contents, otherwise only let the user see the login.html/php or the register.html/php web pages. Therefore, use session validation to prevent the user from viewing the website contents. Use the following code to enforce session validation:

```
<?php
if ($_SESSION['flag'] ==false || $_SESSION['flag']==null) {
    header( 'Location: index.php?error=invalid-login' );
    session_unset();
    session_destroy();
    exit();
}
?>
```

Also provide within your website a means for the user to logoff, which invalidates the session and login data.

PART5 WEBSITE WEB PAGES LIST:

WEB PAGE NAME	DESCRIPTION
login.html/php	This is the entry-point of your application. The user can login by providing valid credentials.
logoff.php	Logoff web page. Invalidates session.
error.php	An invalid message is displayed. Provide a link to login.html/php or register.html/.php
register.html/php	Allow user to register and provide a link to login.html/php
register.php	This PHP page is used to insert the registration data to the database

products.php	Have 3 items. Web cart link should be displayed.
aboutus.php	Provide the names of your group members.
contactus.php	Email Contact form
home.php	This the home page which is displayed when the user logs into the website.
cart.php	Web shopping cart is displayed. Allow user to save the web cart. Provide checkout or save functionality.
save.php(optional)	Display "Cart has been saved" or just display an alert message.
thankyou.php	Thank you for your order web page upon checkout.

PART6 ADD TO CART JS FUNCTIONALITY

Each item in the products web page should have a "**add to shopping Cart**" link, adding the item to the shopping cart. Clicking on the shopping cart again, will not keep adding to the quantity ordered.

DISPLAY SHOPPING CART

Create the shopping cart web page (cart.php) with JavaScript functionality to display the shopping cart items ordered or loaded from the cookie array. The cart should allow the user to change the quantity and/or delete the cart item all together. Make sure to also display the price of the item. Also display the subtotal of every item by multiplying the price of the item times the quantity. Finally, display two links: A checkout link(thankyou.php) or save cart link(save.php).

THANK YOU WEB PAGE

Web page with thank you note, such as "Thank you for your order". Also add "Continue Shopping" link which links to the home web page(home.php).

PART7 PRODUCTS PAGE

Finally make sure to have the products page be populated from the catalog table having the following specifications:

```
catalog(itemid,itemname,itemdescription,itemquantity,itemprice,itempicnamepath);
```

PROJECT DELIVERY/PRESENTATION AND DUE DATE

Project is to be submitted in person during final week...