**Documentation: Group V**

**Project Name: Online Shopping Cart**

**Milestones:**

1. **Home page and JDBC**

**Description:**

When user is searching for our website, the first thing that comes up in our website is the Home page. The Home page contains three divisions. They are Header, Body and Footer.

The Header part consists of our website details and option like home, login, registration, category box and cart will be shown. These options helps the user to navigate among various pages as per their requirements.

The body part contains number of products. The user will able to see the details of the product. The details include the name, image, price and description about the products. After choosing the particular product’s description, the user will redirect to another page where he can buy or add that particular product to the cart. The Add to Cart button enables user to add the user’s favorite product to the cart.

Similarly the Buy Now button leads the user to another page where he can buy the product using cash on delivery. If the user doesn’t want to buy that specific product now, then he has the option to add that product to the cart so that he can buy later.

The third part of our home page is the Footer which has About us and Contact us options.

**Stories:**

* **Header:** Website logo, Website name and menu options will be there for navigation purpose. The login menu allows the user to log in to the website by entering his valid credentials. If the user is new then he will redirect to registration page. The category box filters and displays the product as per the categories.
* **Body:** Images of the product will be displayed inside body. If the user chooses the particular category then the product images will change accordingly. Previous and next button make the user to view many products in different pages. And user can choose the item he want by clicking on the item. Which will redirect the user to the next page where in detailed description about the item will present .So that user can buy the item
* **Footer:** The footer part contains the static pages like About us and Contact us. On clicking those icons, it will lead to respective pages.

1. **Login page and Registration page**

**Description:**

In order to buy the products displayed in the website, the user must login if he is an existing user. If he is a new user, he has to register his details and create his account in the website.

**Stories:**

* **Login Page**: This page provides a security mechanism that prevents unauthorized users from accessing the system. In order to get the login page, the visitor must provide a valid username and password. The login page contains four fields. In that four fields username is text field, password is password type. Login and Reset are buttons. Accepting and validating username and password by checking the user credentials with those stored in the database. If login credentials are correct login page redirect to home page, otherwise it will display login credentials are not correct.
* **Registration Page**: The user registration mechanism provides a form that allows new users to register themselves in the website. It can be reached by pressing the "Register" button on the login page. In order to register, the user must fill out the fields which are marked required and click the "create account" button. After this, two validations are carried out – one to check if the password and confirm password data match or not (It is done by client side using scripting language) and second to check if the input data is according to the requirements set. The user is redirected to the home page as a logged in user. This registration page contains six fields. They are Full name, email id, phone number, create password and re-enter password. The full name is text type (required), email id is email type (optional field), phone number is number type (required), create password and re-enter password are password type (required).

1. **Add to Cart:**

**Description**

Once user clicked on add to cart button residing on product description part it will redirect to add to cart page. If the user is not logged in, he is redirected to the login page. If the user is already logged in, he is redirected to add to cart page. After successfully login, user can access add to cart page. In add cart page added product are displayed. User have option for adding more products also, for that user is redirect to previous page. User can also remove the product. After confirming list of products user is redirect to buy now page.

**Stories**

* **Displaying list of Products in Cart:** List of selected products is displayed. For each product user have option to select product for adding into confirm products list to proceed forward. Remove product button is available for removing product from cart. More items buttons is available at the end of this section to add more products into cart.
* **Adding Products:** For adding more new products, user can select button more items. After clicking this button user is redirected to previous page where he was when he selected last product. If user directly accessed add to cart page then after clicking on more items user is redirected to home page.
* **Removing Products**: Products that added into cart can be removed by clicking on remove product button. After clicking on this button products available in cart is refreshed and current available products are displayed.
* **Confirming Products:** To proceed on checkout option of products user have to confirm product button. After clicking on confirm products selected products are added into list which user is going to buy.
* **Proceed to Checkout:** After clicking on proceed to checkout button confirm product list is finalized and get redirected to checkout page.

1. **Checkout page:**

**Description**

User is confirming order in checkout page. In checkout page user have to input essential information about delivery. After submitting delivery information order details displayed and order is confirmed.

**Stories**

* **Taking Delivery Details:** In this page delivery details field’s delivery name, delivery address, phone number, email Id user have to fill. After filling delivery details user have to submit that information.
* **Displaying order details:** After successfully submitting delivery details user can see order details such total amount of order, arrival time.
* **Placed the order:** By clicking on placed the order, user’s order is placed and thank you for shopping message will be displayed.
* **Continue Shopping:** After successfully placing order if user want to continue shopping by clicking on continue shopping button user is redirected to home page.