

## Project: CTB: SERVLET-DATABASE: Shopping Cart for Ecommerce site

[Below Interfaces are only indicative. They are only meant to convey the idea and work flow. A student can choose his / her set of Interfaces, but ensure that all functionality of a shopping cart is implemented. ]

### Project 1: Problem Definition:

Create a Shopping cart for an E-commerce Site , allowing to

1> View Products

2> View Products in Cart ( or View Cart Details )

3> Payment Gateway Interface (No integration of Actual Payment Gateway required)

4> Logout (Ensure of proper Session management)

[16 hrs]

Step 1: Create index page as follows

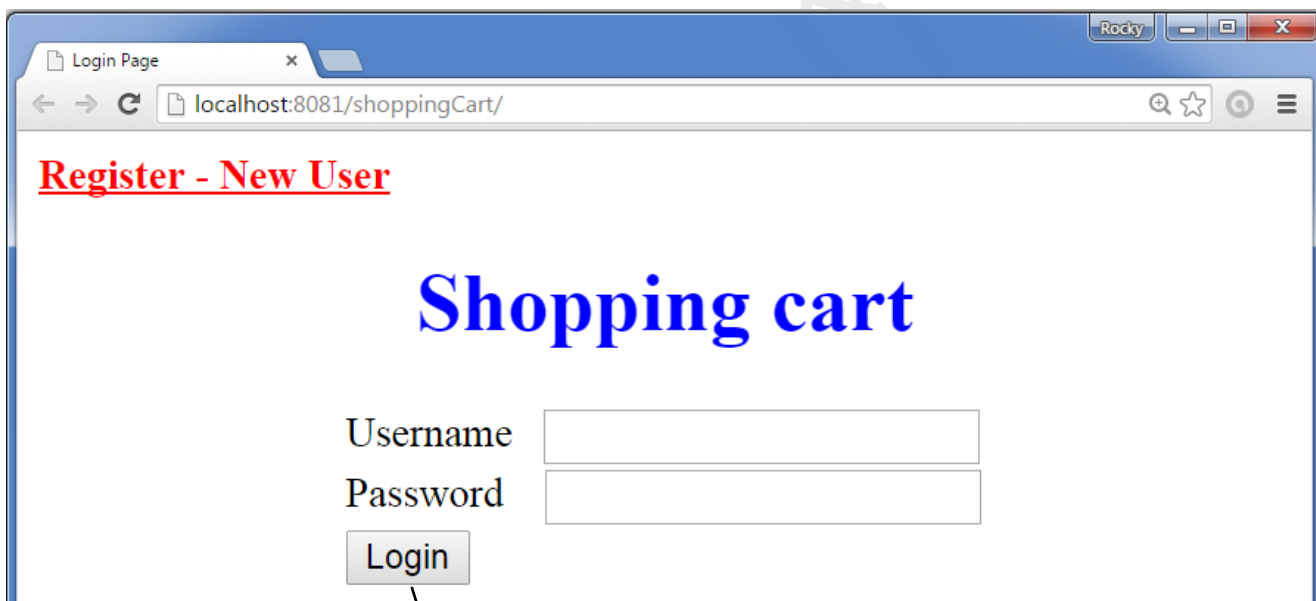


Fig1:index.html

#### After successful login:

- 1> Maintain session by using HttpSession Interface.
- 2> Allow user to add products to cart (refer interface in step 2)

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**Step 2: After success full login show page for adding products to shopping cart as**

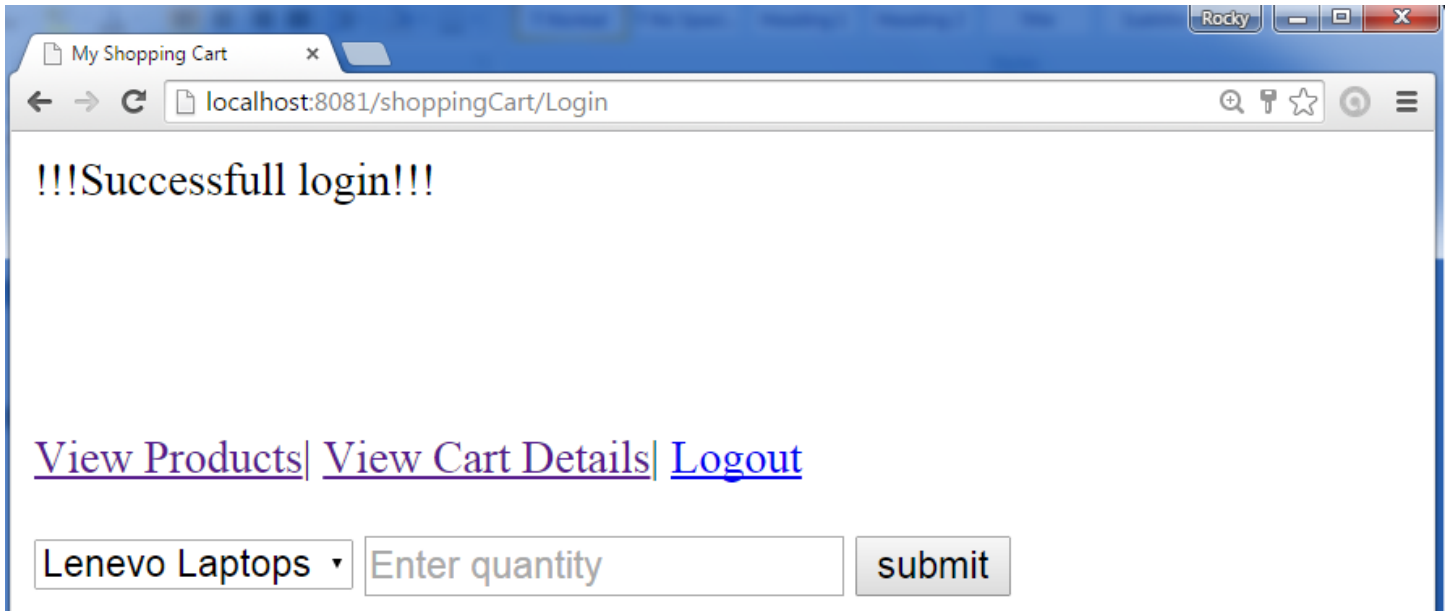


Fig2:Home.html

Above Interface shows three links:

**View product:** To view all products which the Ecommerce Site sells. In the "View products" page show name\_of\_product , Model number, price and brief description of the product in a tabular format.

[View Products](#) | [View Cart Details](#) | [Logout](#)

Lenevo Laptops ▾ Enter quantity submit

## Product available

PID	Description
Lenevo Laptops	Lenevo Laptops

Above Interface of **view products** shows all products in tabular form. Add at least 5 products in Db.

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**View Cart details:** To view cart, i.e. All products added in the cart.

Here we should show **name\_of\_product, quantity, price per unit and total**. This Interface should also allow **deleting products from cart**

## My Cart

[View Products](#) | [View Cart Details](#) | [Logout](#)

Delete products:

As payment gateway is not to be integrated, hence simply show **Thank you Page**

UID	Product	Quantity
abc@gmail.com	Mac book	2
abc@gmail.com	samsung mobile	2

**Note : Take care of following :**

- I. Session management
- II. Display data from cart with proper session.
- III. Also provide option to delete data from cart. For deleting the product from cart , the user needs to supply **Product name** , for e.g. : **"Samsung mobile"** and click on delete for deleting the entry from cart. Show the table after deleting the entry ( **without refreshing the page** )

**Logout:** Invalidate session. Also redirect the user to the Login page.

**[Register - New User](#)**

## Shopping cart

Username   
Password

abc@gmail.com Successfully logout