

## Hands-on Activity [Graded]

### Miniature E-Commerce Application using Spring MVC

You've to design small replica of e-commerce application using spring-mvc. The application has two entities namely: Customer & Seller. [30 Marks]

#### 1. The home page of the project is as follows: [5 Marks]

## Welcome to the NCU Store

Place where you can buy different things for yourself or others

Please login to continue ahead or if you are a new user kindly Sign Up by pressing the button below

### Login

User Name:

Password:

#### 2. If the user has not signed up before he gets an option to register himself. While the user registers, he gets the chance to either register as a customer or seller. The registration page looks as follows. [5 Marks]

## Welcome to the Registration page

Fill in your details below to register

First Name:

Enter a valid first name

Last Name:

User Name:

Password:

Email Id:

User Type:

--- Select ---

User type is required

Note: The registration page is embedded with validators, which checks the input format.

3. The seller can then add the products into the product list from the product add page. The product details that can be added are the product title, category that it belongs to, product description, its quantity and price. [5 Marks]

[Seller Home](#)

## Posting a New Advert

Seller Name:

Select a Category:

Product Name:

Quantity:

Product Description:

Product Price:

4. The product can be added to the user cart after the user logs in as a customer and selects the item from the list. [5 Marks]

Product Name	Category	Description	Price
LG G6	[smartphones] ,	Say hello to the LG G6 smartphone whose 14.47 cm (5.7 inches) QHD+ display would enthuse you with its bright and crisp visuals. With a rugged build and an IP68 rating, this phone is durable and protected against dust and water.	699.0

5. After checking out the item a summary of the final bill is generated in the next page. [5 Marks]

## *Thank you for shopping at NCU Store*

Below you will find a summary of the item you have purchased

<i>Product Title</i>	<i>Category</i>	<i>Price</i>
LG G6	[smartphones]	699.0

Thank you for shopping with us

6. User/Seller can log-out after clicking on the log out button. [5 Marks]

**\*Note:** You've to demonstrate proper session management in your application.