**Domain:** E-commerce website for Computers, Laptops and Spare parts

**Summary:**

A Ecommerce website using spring MVC configuration where in Supplier can post his products such as Laptops, Computers and spare parts of computers/External peripheral devices like Usb Sticks, Hard disks, RAM etc. Currently there are only a few pre-defined categories namely Laptops, RAM, USB Sticks and Portable Hard Drives. These can be posted and bought in bulk by customers. The admin entity approves the sale. This project has a vast future scope where in there could be multiple categories as well as products and could be made similar to trending E-commerce websites.

**Technologies Used:**

1. Spring MVC Framework.

2. Hibernate.

3. MySql Server for databse.

4. Java Script for validations.

5. Bootstrap for Front end layout

**Roles and Tasks**

**1. Admin:**

* Adds a supplier
* Deletes a supplier if needed
* Approves orders made by customers
* Declines orders made by customer

**2. Supplier:**

* Add and set category of a product
* Upload Images for the product
* Delete product

**3. Customer:**

* Searches for products based on category
* Places Order for products

**Key Functionalities/Implementations**

* JavaScript validations for forms
* Backend validations for existing users
* Mappings using annotations
* Bootstrap for responsive UI.
* Main admin is added through database queries, he is responsible for adding suppliers via UI.
* The supplier adds products, right now there are limited categories provided in future we can let the admin or supplier create categories.
* The customer can register himself and check the products based on categories and order the based on quantities its total price is calculated.

**Screen Shots:**

**1. Home Page**

**A screenshot of a computer screen

Description automatically generatedA screenshot of a computer

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**2. Login Page**

**A screenshot of a computer

Description automatically generated**

**3. Admin**

**A screenshot of a cell phone

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**A screenshot of a cell phone

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**4. SupplierA screenshot of a cell phone

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**A screenshot of a cell phone

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**5. Customer**

**A screenshot of a cell phone

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