Martsy – An Online E-commerce Shop

Web Architecture Project Proposal

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# Introduction:

An e-commerce shop for books, accessories, souvenirs etc. Each product contains a picture, description of the product and its price. There are two types of login method, the admin and the user. The admin can add products to the product list, delete product from product list etc. and check to see if there are any orders from the users. The user can view different product, add them to the cart and purchase the products added in the cart. Each user registers with his/her address, phone number and other details. The products are later delivered to that given address.

# Features:

1. User and Admin Side Login.
2. Admin can add product in the product list, delete product or update it.
3. Admin can check if there is any order from any user.
4. User registers with an address, phone number and other necessary information.
5. User can view the product list, check information of any product like description, price, picture etc.
6. User can add products to the cart and later check out.
7. The purchased product list is stored in the database and received by the admin.
8. The products are delivered to the given address of the user.

# Architectural Diagram:

# Web technologies used:

## Front end:

1. JSP (Java Server Page).
2. CSS (Cascading Stylesheet).
3. Bootstrap.
4. JSTL (JSP Standard Tag Library).

## Back end:

1. Servlet.
2. Spring Framework.