



A Project Report

On

E-Commerce Website - MyCart

By

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Introduction:

Our project explains about the E-commerce Shopping Website name MyCart. This project mainly explains the various actions related to shop online. You can search various products and shuffle according to category.

Our Project Include Modules:-

- Admin Module
- User Module
- Cart Module

I have developed this Application in **Java, JSP, Servlets, Hibernate and MySQL**. It's a web based projects so I have used **HTML, CSS, JavaScript and Bootstrap** also.

The main feature of the project is to make shopping easier. You can access this website from anywhere and everywhere.

In Admin module, admin can add the Category and Products in the specific category. He can also view the total number of user at present in the website. And category and product details also. Admin can only see the admin page and cart if he want to order something.

In User module, user can access the website and buy products and products to cart and buy and shuffle by category. New user can register and login after that to shop.

In Cart, admin and user both can access, they can add the products and buy if they want.

Software Requirements:

Front end: Java/J2EE technologies (Servlet, JSP), HTML, CSS, JavaScript, Bootstrap, Hibernate.

Back end: MySQL.

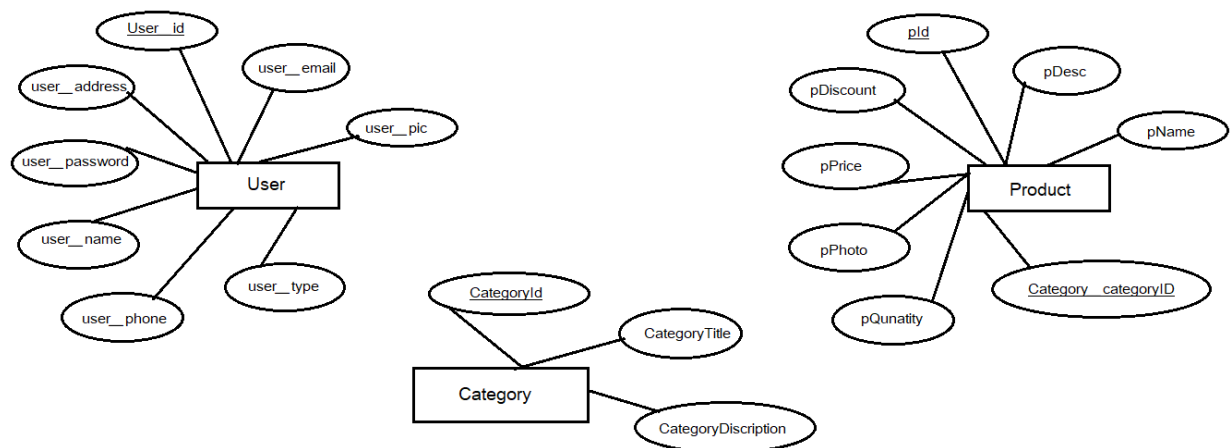
Middleware/Server: Apache Tomcat v9.0.

IDE: Eclipse IDE for Java EE Developers

Browser: Best result on Google Chrome

Operating System: Window XP (Minimum).

ERD (Entity Relationship Diagram):

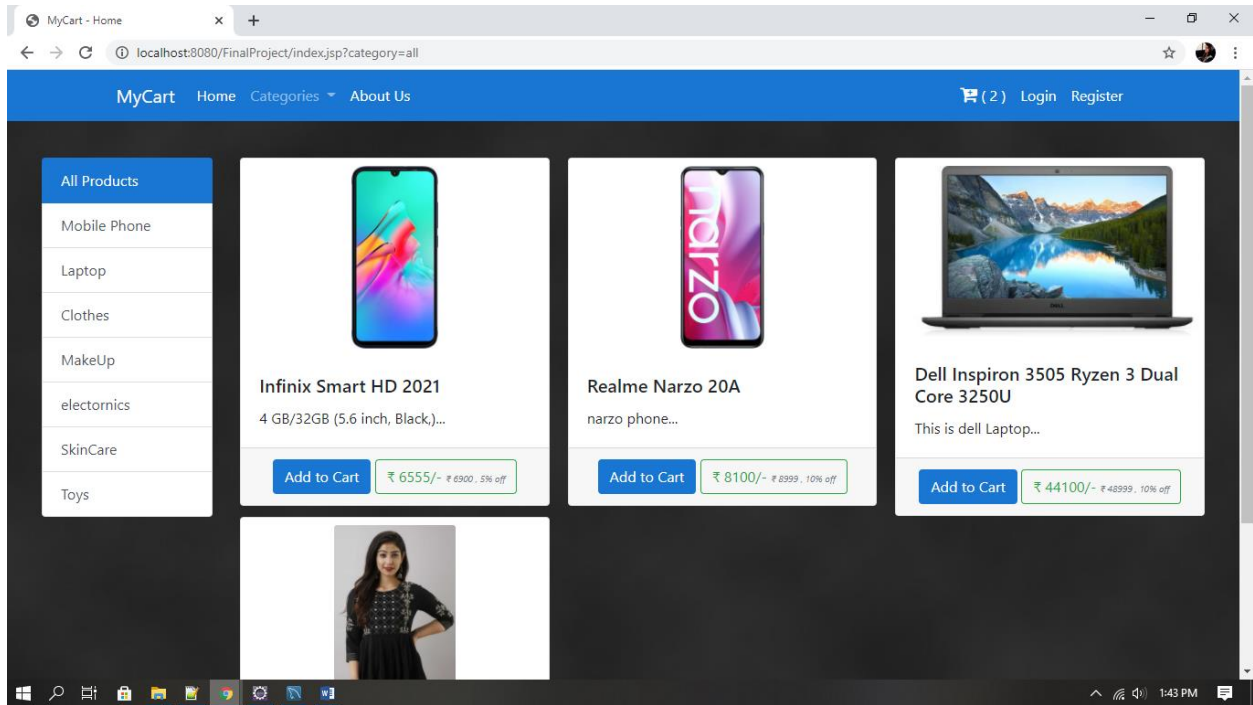


Data Dictionary:

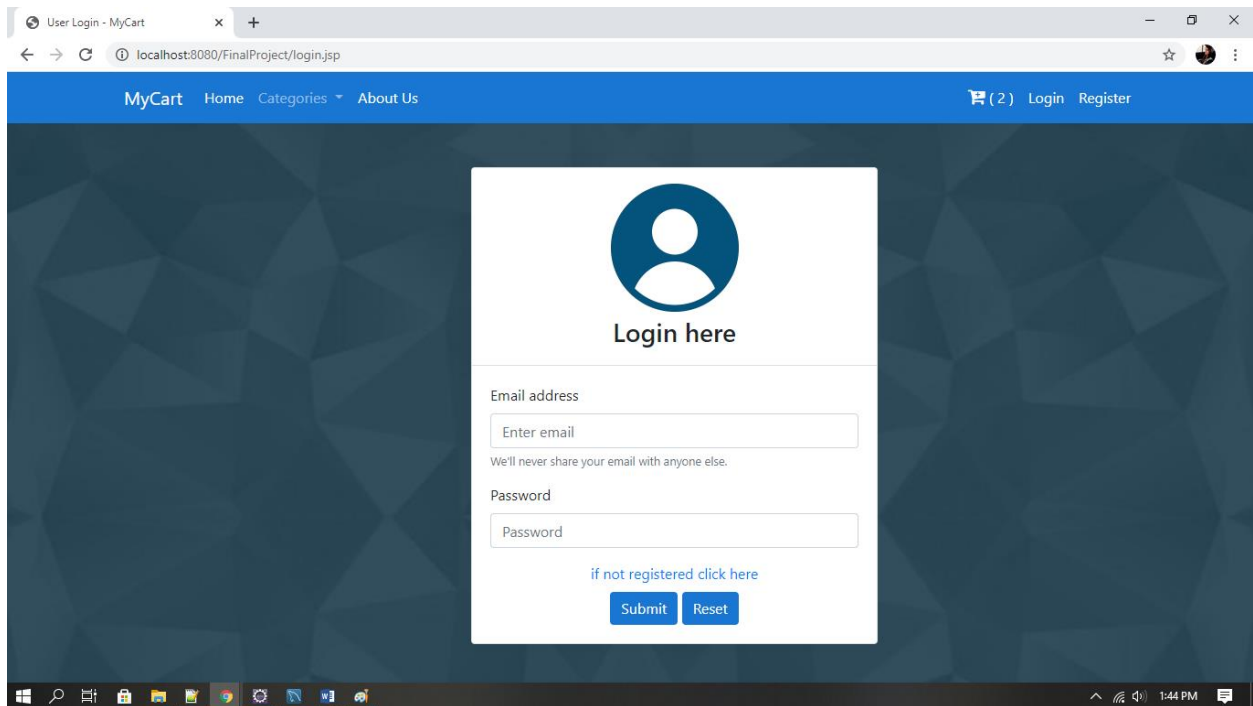
- Create Database mycart;
- Hibernate: create table Category (categoryId integer not null auto_increment, categoryDescription varchar(255), categoryTitle varchar(255), primary key (categoryId)) engine=InnoDB
- Hibernate: create table Product (pId integer not null auto_increment, pDesc varchar(3000), pDiscount integer not null, pName varchar(255), pPhoto varchar(255), pPrice integer not null, pQuantity integer not null, category_categoryId integer, primary key (pId)) engine=InnoDB
- Hibernate: create table User (user_id integer not null auto_increment, user_address varchar(1500), user_email varchar(100), user_name varchar(100), user_password varchar(100), user_phone varchar(12), user_pic varchar(1500), user_type varchar(255), primary key (user_id)) engine=InnoDB

Screenshots :-

Home Page:-



Login Page :-

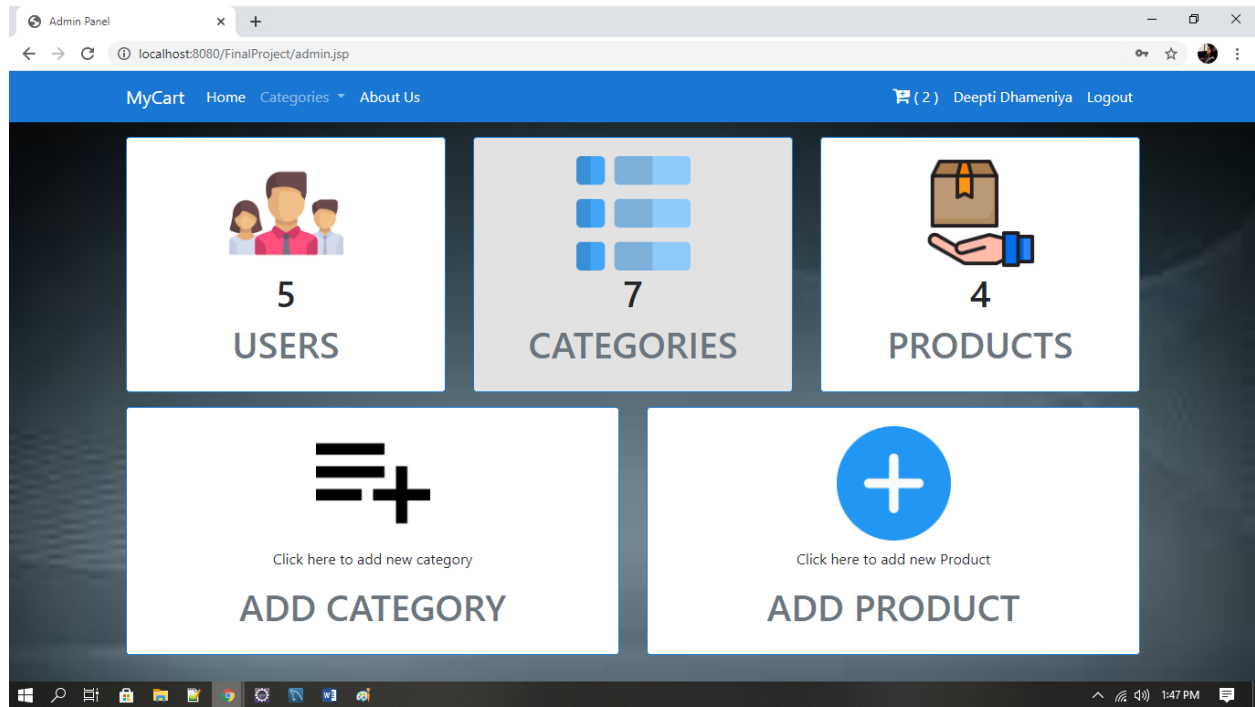


Registration:-

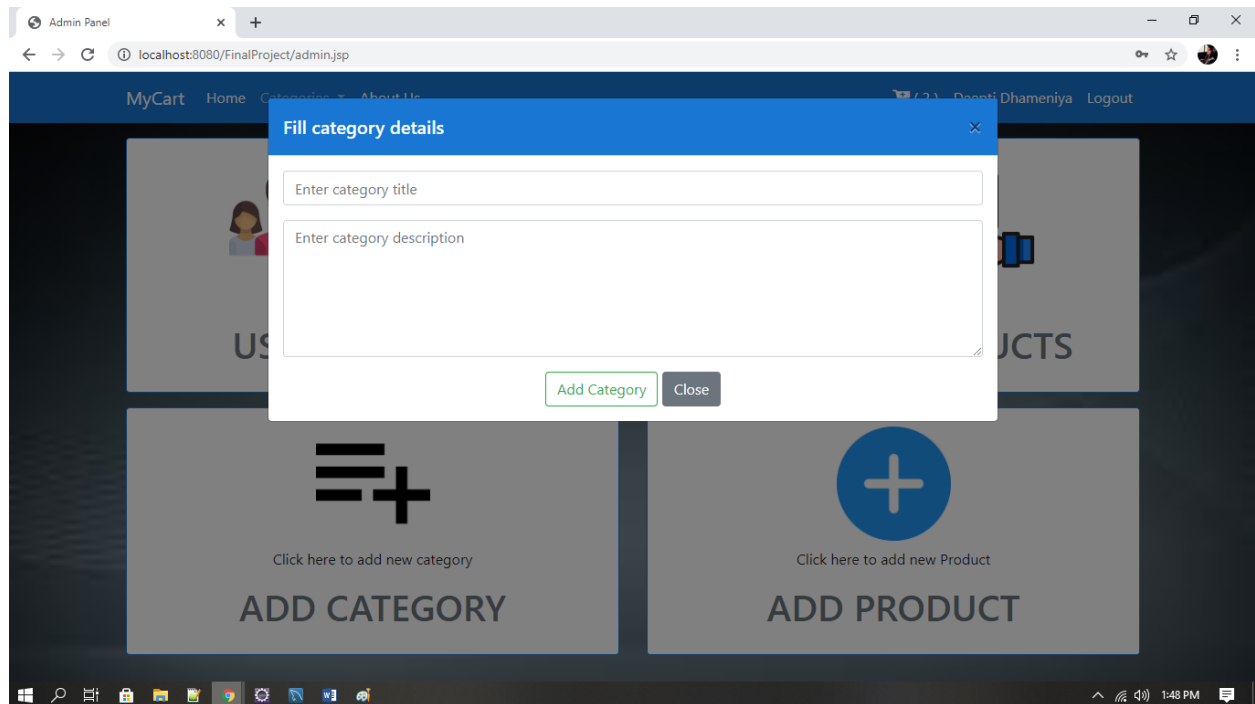
The screenshot shows a web browser window with the address bar displaying 'localhost:8080/FinalProject/register.jsp'. The page has a blue header with 'MyCart', 'Home', 'Categories', and 'About Us' on the left, and a shopping cart icon with '(2)' items, 'Login', and 'Register' on the right. The main content area features a white registration form titled 'Sign up here !!' with a blue user icon. The form includes four input fields: 'User Name', 'User Email', 'User password', and 'User phone', each with the placeholder text 'Enter here'.

This screenshot shows the same registration form as the previous one, but with an additional 'User Address' field at the bottom, which is a larger text area with the placeholder 'Enter your address'. Below the form, there are two buttons: a green 'Register' button and an orange 'Reset' button. The browser window and header are identical to the first screenshot.

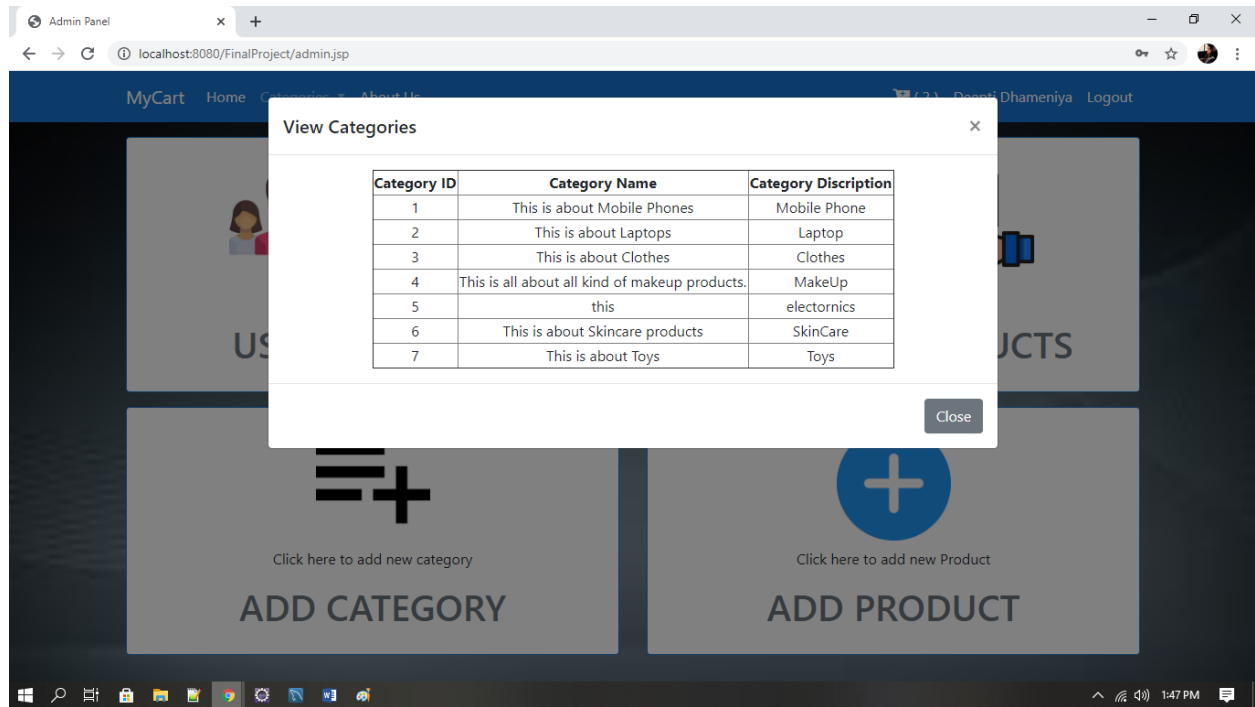
Admin Home after Login:-



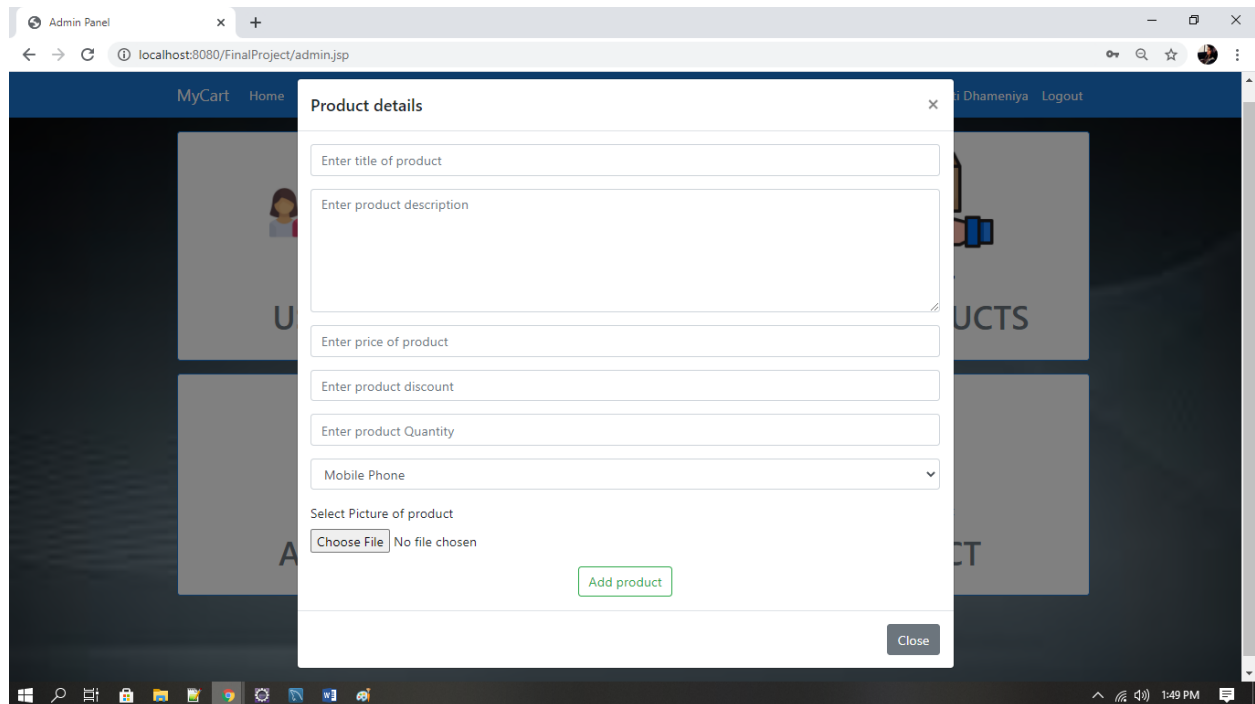
Add Category:-



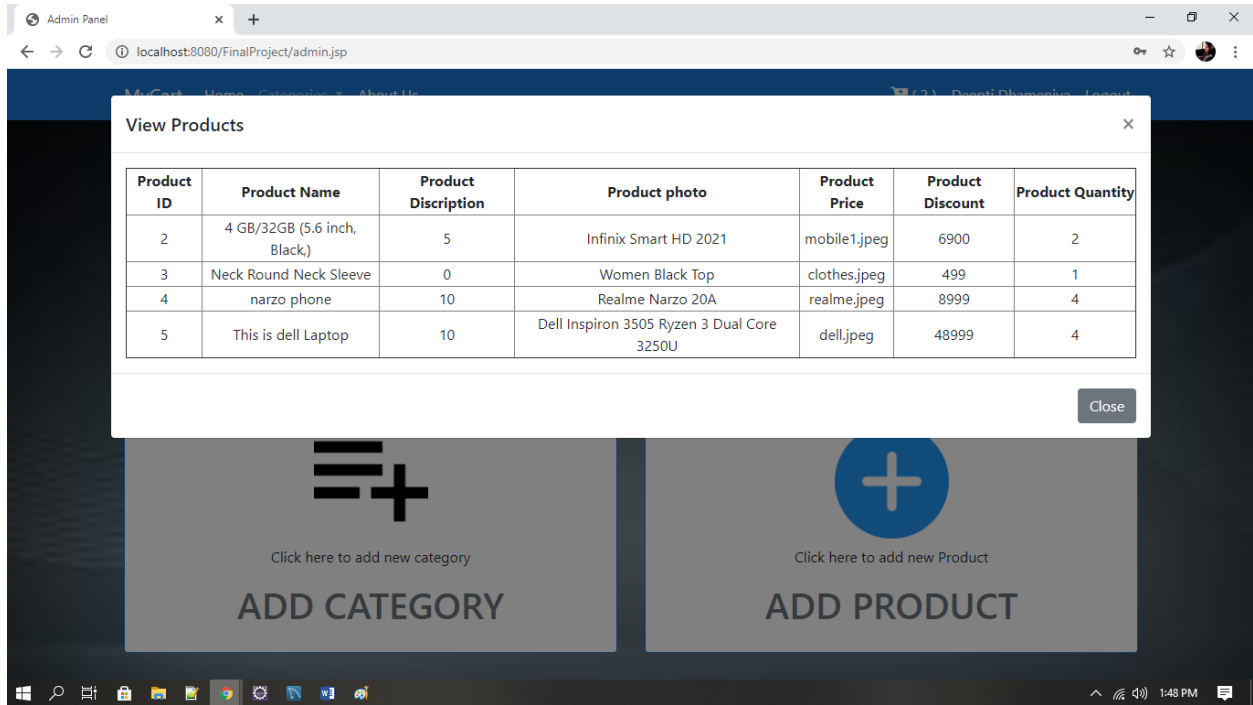
View Category:-



Add Product:-



View Product:-

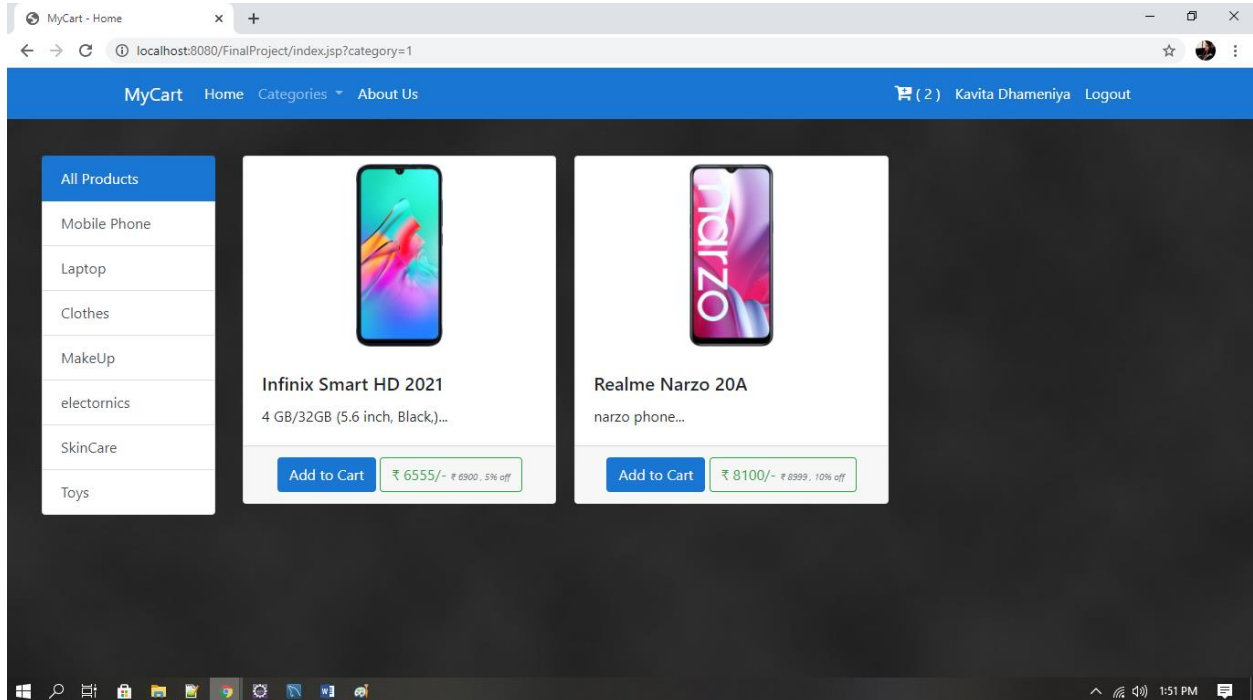


The screenshot shows the Admin Panel interface. A modal titled "View Products" is open, displaying a table with the following data:

Product ID	Product Name	Product Discription	Product photo	Product Price	Product Discount	Product Quantity
2	4 GB/32GB (5.6 inch, Black,)	5	Infinix Smart HD 2021	mobile1.jpeg	6900	2
3	Neck Round Neck Sleeve	0	Women Black Top	clothes.jpeg	499	1
4	narzo phone	10	Realme Narzo 20A	realme.jpeg	8999	4
5	This is dell Laptop	10	Dell Inspiron 3505 Ryzen 3 Dual Core 3250U	dell.jpeg	48999	4

Below the table, there are two buttons: "Close" and "Add New Product". At the bottom of the modal, there are two large buttons: "ADD CATEGORY" and "ADD PRODUCT".

User Home after Login:-



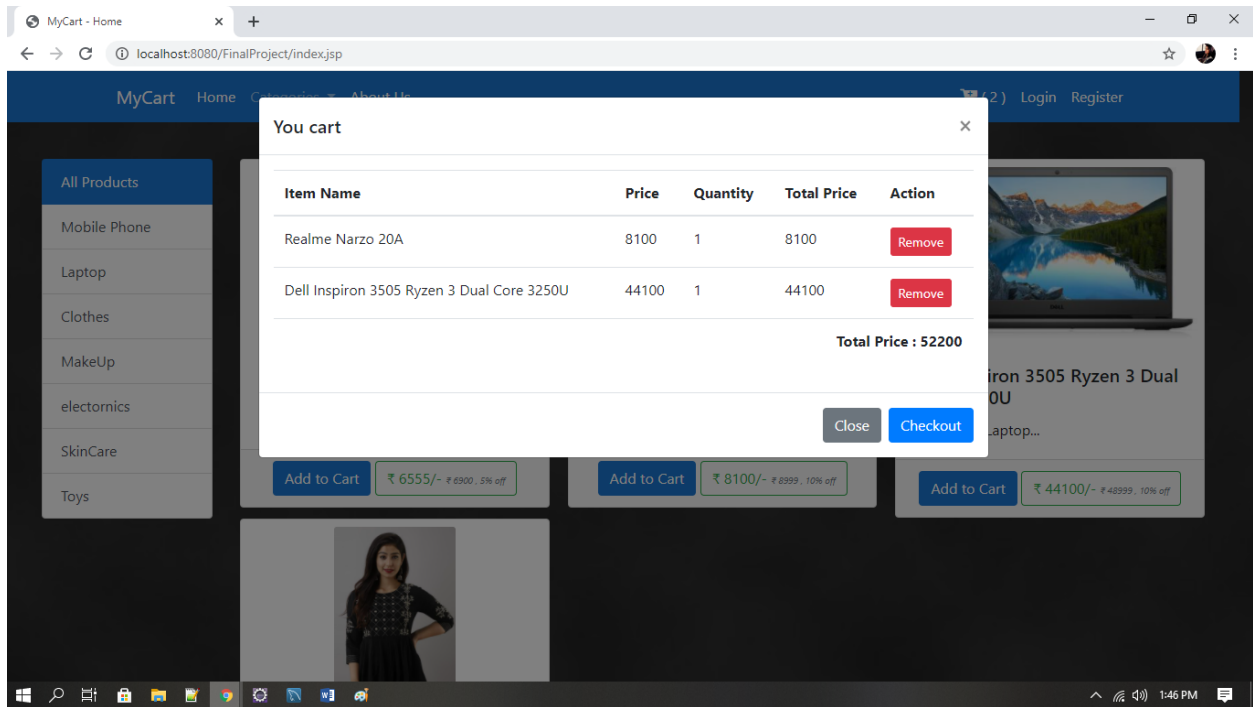
The screenshot shows the User Home page after login. The page has a blue header with the "MyCart" logo and navigation links: "Home", "Categories", and "About Us". The user's name "Kavita Dhameiya" and a "Logout" button are visible in the top right corner.

The main content area features a sidebar on the left with a list of product categories: "All Products", "Mobile Phone", "Laptop", "Clothes", "MakeUp", "electronics", "SkinCare", and "Toys".

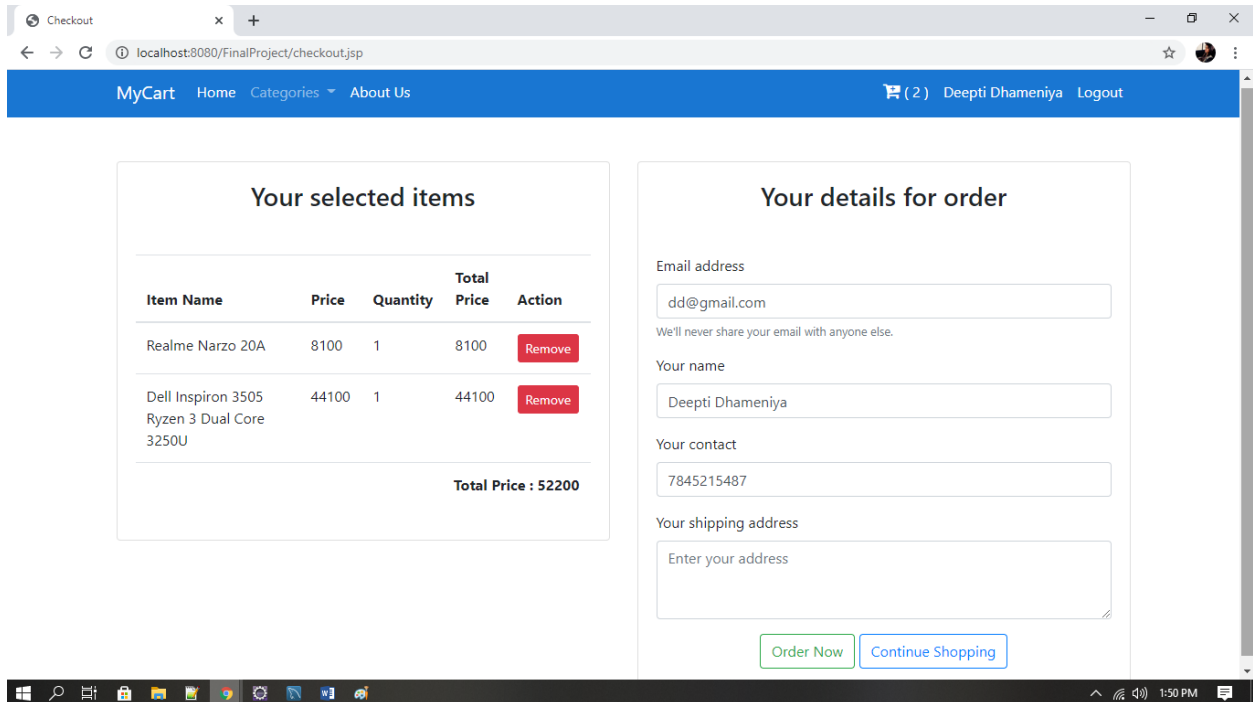
The main content area displays two product cards:

- Infinix Smart HD 2021**: 4 GB/32GB (5.6 inch, Black)...
Add to Cart ₹ 6555/- ₹ 6900, 5% off
- Realme Narzo 20A**: narzo phone...
Add to Cart ₹ 8100/- ₹ 8999, 10% off

Cart:-



Checkout Page:-



About us:-

