

# EduBridge



A Project

Report

On

## **Product Management System**

By

**Pratik Baheti**

**B.E**

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**Center: Bangalore TC-Palya**

Under the Guidance of,

**Jayant V.**

**Technical Trainer**

**EduBridge**

(School of coding)

## **Introduction:**

Product Management System is the Major Project which manages inventory of the products. This project developed using Java programming language. All the record are stored in MySQL. It is an important

### **Modules:-**

- Admin Module
- User Module

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

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 users at present in the website. And category and product details also. Admin can only see the admin page and cart if he wants 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 and JavaScript.

**Back end:** MySQL workbench 8.0.25.

**Middleware/Server:** Apache Tomcat v9.0. IDE: Eclipse IDE for Java EE Developers

**Browser:** Best result on Google Chrome

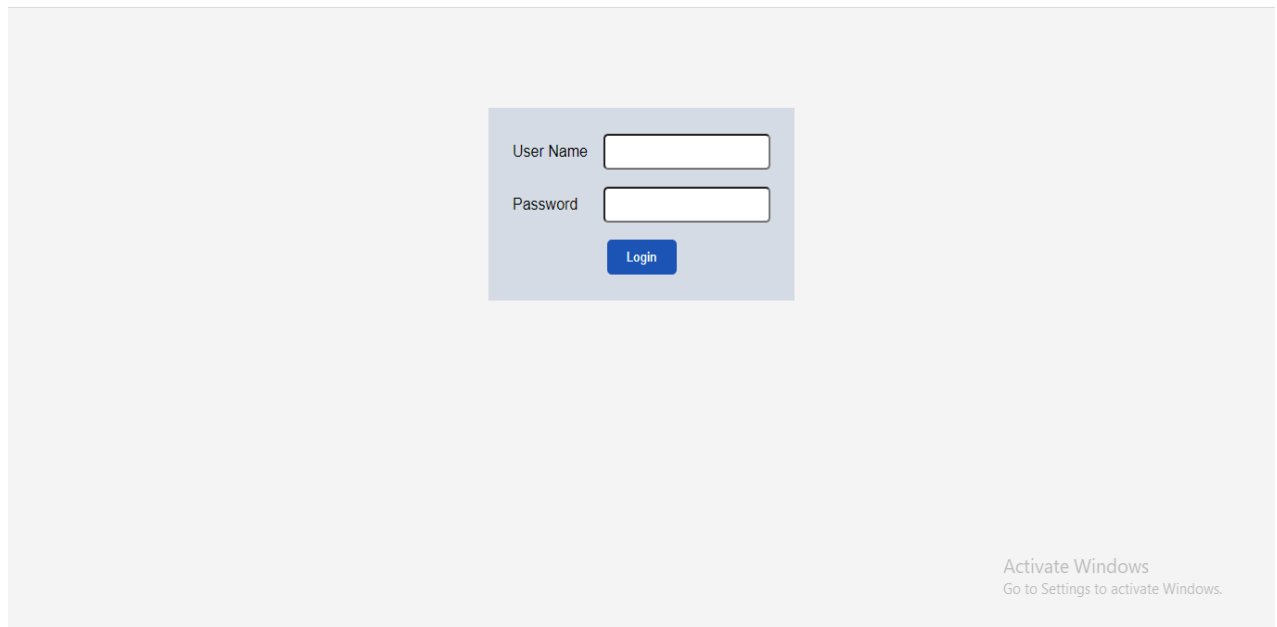
**Operating System:** Window 10.

## **Data Dictionary:**

- Create Database pratik;
- MySQL: create table login\_info (user\_name varchar(30) password varchar(30));
- MySQL: insert into login\_info values('pratik' , 'pratik123');
- MySQL: create table product(prod\_id varchar(30), prod\_Name varchar(30), prod\_category varchar(30), prod\_price int);
- MySQL: insert into product values('p001', 'iPhone', 'mobile phone', '10000')
- MySQL: insert into product values('p002', 'Television', 'Electronics', '20000')
- MySQL: insert into product values('p003', 'shirts', 'clothes', '10000')
- MySQL: insert into product values('p004', 'pants', 'clothes', '10000')

## Screenshots:-

### Login Page :



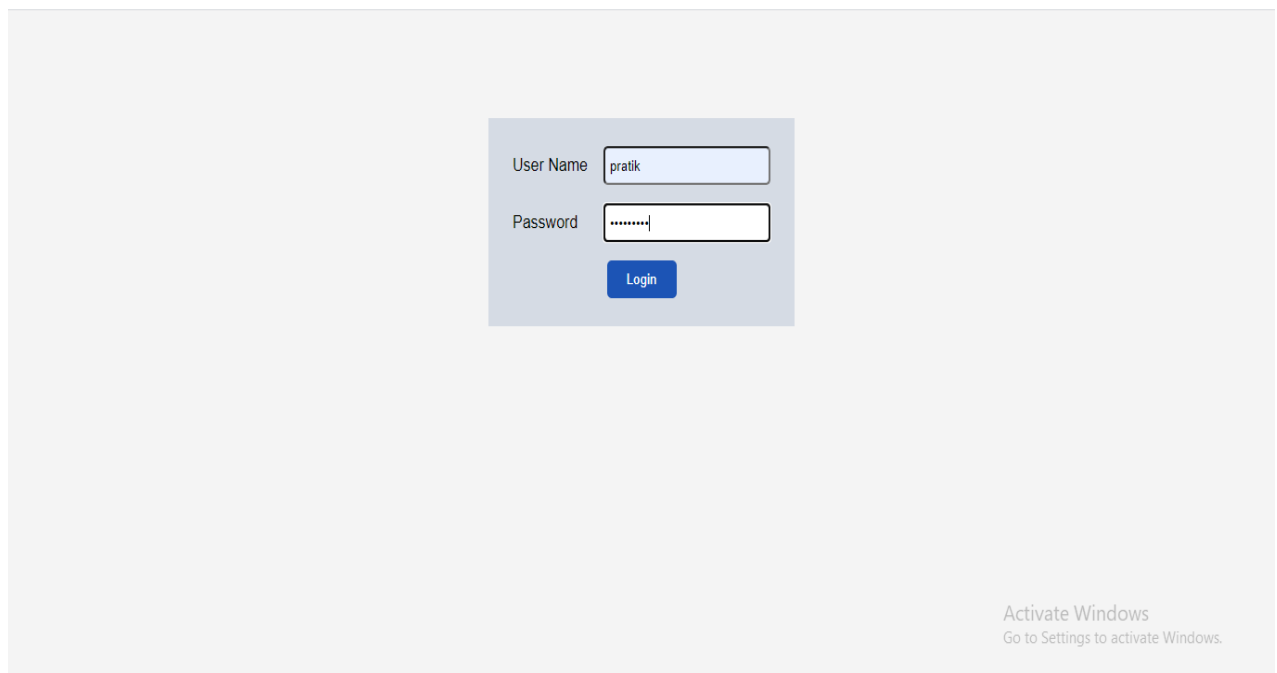
A screenshot of a login page. In the center, there is a light blue rectangular box containing the login form. The form has two labels, "User Name" and "Password", each followed by an empty white input field. Below the "Password" field is a blue "Login" button. The entire login box is set against a light gray background. In the bottom right corner of the gray area, there is a small, faint text that reads "Activate Windows" followed by "Go to Settings to activate Windows."

User Name

Password

Login

Activate Windows  
Go to Settings to activate Windows.



A second screenshot of the same login page, but with the input fields filled. The "User Name" field contains the text "pratik" and the "Password" field contains a series of dots. The "Login" button remains blue. The layout and background are identical to the first screenshot.

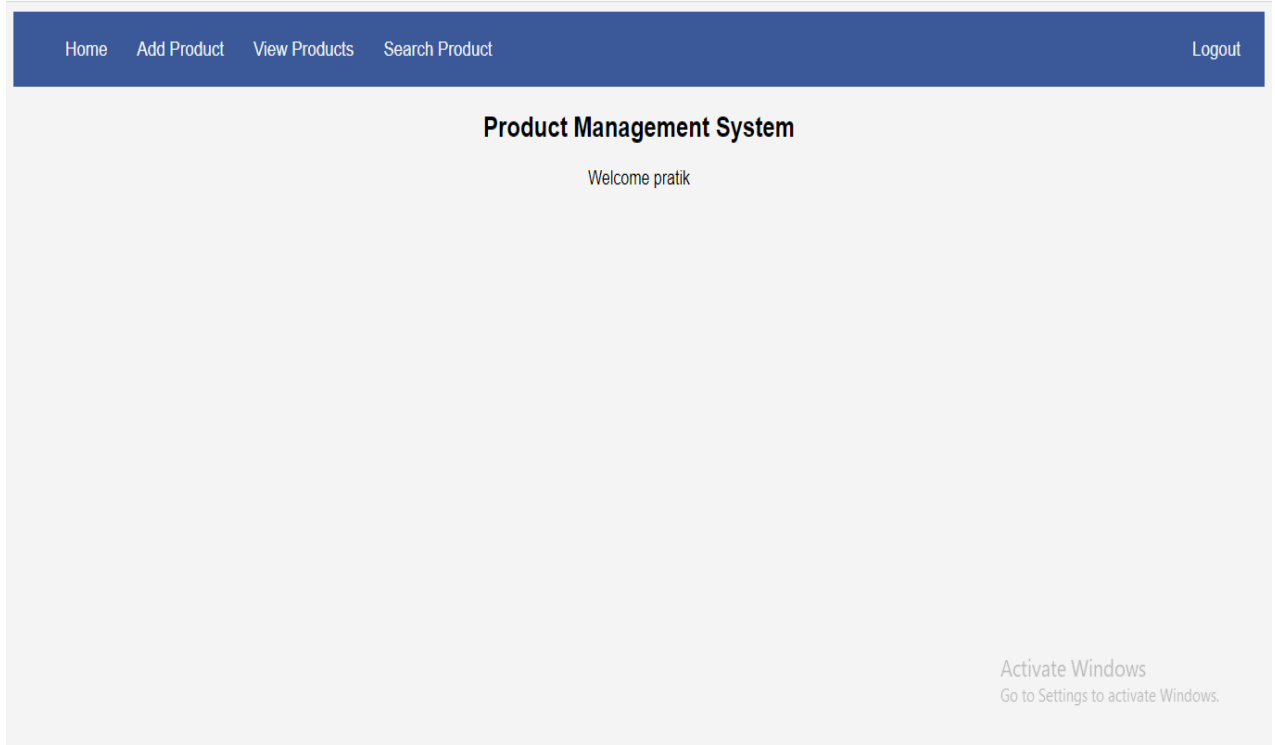
User Name

Password

Login

Activate Windows  
Go to Settings to activate Windows.

## Home Page :



## Adding an Product :

[Home](#) [Add Product](#) [View Products](#) [Search Product](#) [Logout](#)

Product Details

Product ID

Product Name

Category

Price

Add

Activate Windows  
Go to Settings to activate Windows.

[Home](#) [Add Product](#) [View Products](#) [Search Product](#) [Logout](#)

Product Details

Product ID

Product Name

Category

Price

Add

Activate Windows  
Go to Settings to activate Windows.

# Viewing Details of the Product:

HomeAdd ProductView ProductsSearch ProductLogout

Product ID	Product Name	Category	Price	Actions	
p002	sony	Tv	10000	Edit	Delete
p003	shirt	clothes	10000	Edit	Delete
p004	pant	clothes	10000	Edit	Delete
p007	teddybear	Toy	789	Edit	Delete

Activate Windows  
Go to Settings to activate Windows.

## Editing the Product :

[Home](#) [Add Product](#) [View Products](#) [Search Product](#) [Logout](#)

Product Details

Product ID

p002

Product Name

sony

Category

Tv

Price

10000

Save

Activate Windows  
Go to Settings to activate Windows.



## Deleting the Product :

[Home](#) [Add Product](#) [View Products](#) [Search Product](#) [Logout](#)

Product ID	Product Name	Category	Price	Actions	
p002	sony	Tv	10000	<a href="#">Edit</a>	<a href="#">Delete</a>
p003	shirt	clothes	10000	<a href="#">Edit</a>	<a href="#">Delete</a>
p004	pant	clothes	10000	<a href="#">Edit</a>	<a href="#">Delete</a>
p007	teddybear	Toy	789	<a href="#">Edit</a>	<a href="#">Delete</a>

Activate Windows  
Go to Settings to activate Windows.

# Searching the Product :

HomeAdd ProductView ProductsSearch ProductLogout

Enter Product ID: 

Search

Product ID	Product Name	Category	Price	Actions
No record to display				

Activate Windows  
Go to Settings to activate Windows.

HomeAdd ProductView ProductsSearch ProductLogout

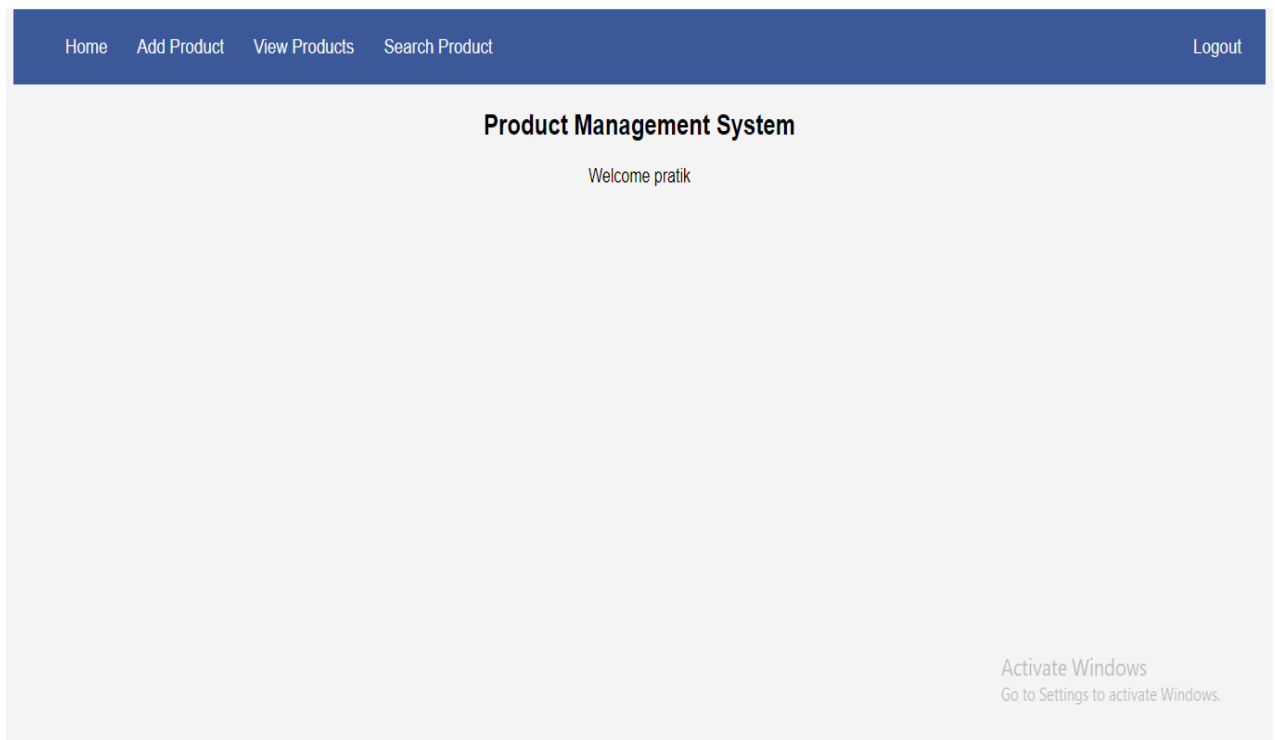
Enter Product ID: 

Search

Product ID	Product Name	Category	Price	Actions
p007	teddybear	Toy	789	<div>EditDelete</div>

Activate Windows  
Go to Settings to activate Windows.

## Logout Page :



**Thank You.**