EAD Project

SP IT Online Web Store



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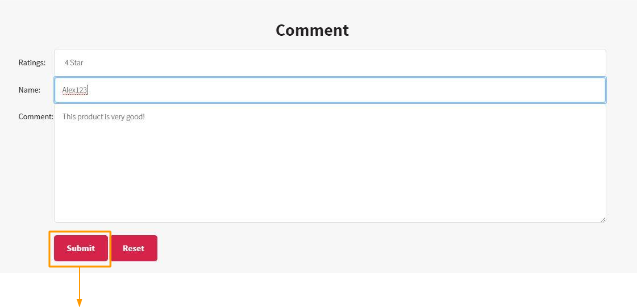
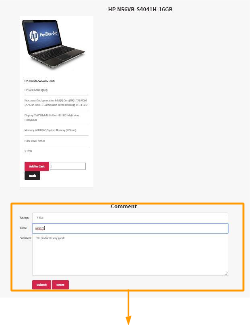
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# Term 1

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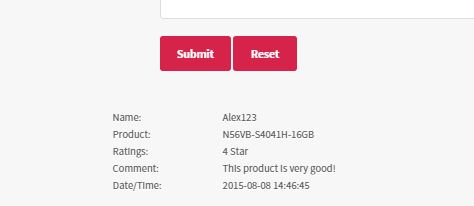
**In this section** - the basic public features of the website will be covered, as well as the various controls that an administrator is able to perform.

## Submitting a comment (indProductPage.jsp)

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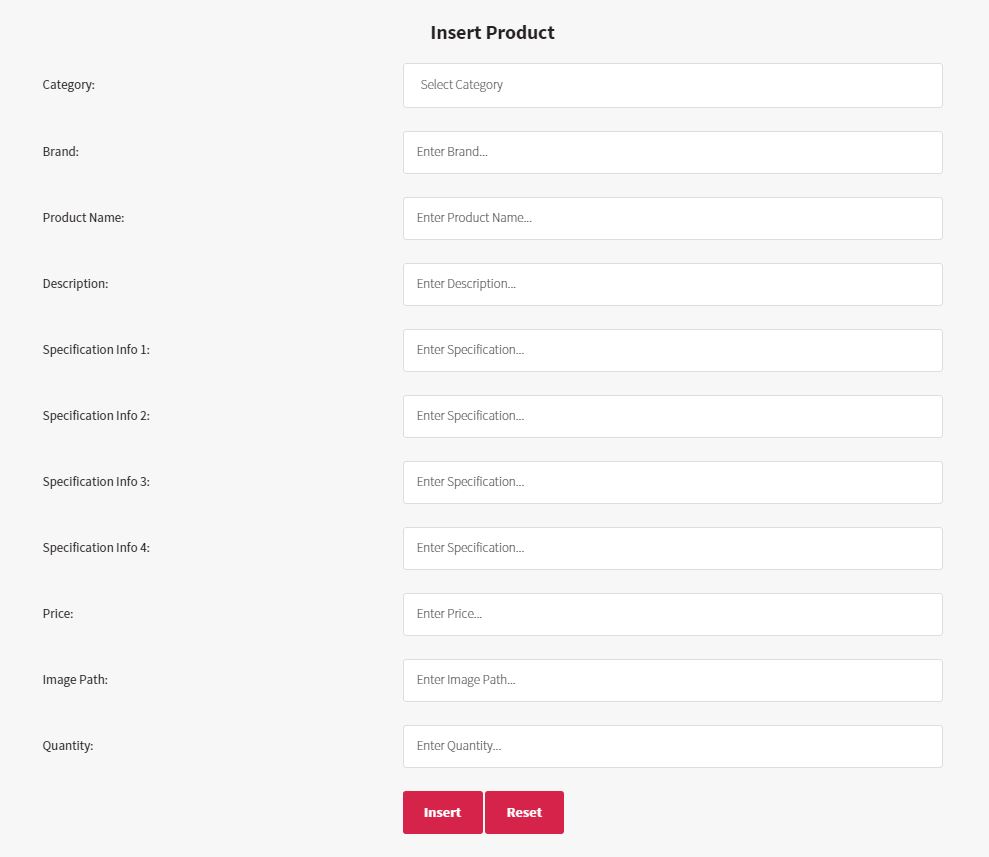
|  |
| --- |
| processComment.jsp |

Commenting results (processComment.jsp)

****

## Add Product (insertproduct.jsp)

Admin wants to insert a new product:



## Add Category (insertCategory.jsp)

## Search Product (searchproduct.jsp)

## Delete Product (deleteProduct.jsp)

## Update Product (updateProduct.jsp)

## View Comments (viewcomments.jsp)

## Delete Comments (deleteComment.jsp)

# Member A

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**In this section** - It will be shown how a potential customer makes an online purchase.

## Add Product to Cart (indProductPage.jsp)

## View Product from Cart (displayCartController)

## Update Product in Cart (upCartController)

## Delete Product from Cart (delCartController)

## Show Order (placeorder.jsp)

## Confirm Order (recentorderController)

## Recent Order (recentorderController)

# Member B

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**In this section** - the login features of the website will be covered, as well as the viewing of the sales report. How members can create their accounts and how they can navigate through the website will also be touched on.

## Register Member (createMember.jsp)

## Login Role (login.jsp)

## Update Member Profile (updateProfile.jsp)

## View Sales Report (salesreport.jsp)

## Log Out (logoutController)

# Advance features

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**In this section** - the various additional features to enhance the member experience in the web store and the security of the password will be covered.

## Generate Discount Code (coupons.jsp)

## Encrypt and Decrypt Password (mixSmash.java)

Encrypting of password starts when a member signup an account in with the web store. The plain text password will be encrypted using the mixSmash.java encrypt method in the security package. The key and IV bytes is stored in the base.java.

Instead of storing the encrypted password in password attribute at the member table in the database. It stores the encrypted password in the crypt table and convert the encrypted password into a string, and store it with the member details which doesn’t match the actual password the member input.

During member input their credentials in the login.jsp, their email will be matched in the crypt table. If matched it will return the encrypted password, and pass the encrypted password to the decrypt method in mixSmash.java, converting it back into plaintext and match with the member input password.

Same concept for the forget password, when member enters their email address the password will be decrypted into plaintext from the crypt table in the database, and send it to the member email address as stated in the database.

## Forget Password (forgetpass.jsp)

## Send Email (SendMail.java)

Email authentication session and the sending of message methods will be located in mail package called SendMail.java.

Similar to setupDBconn, SendMail.java has a method called requestSession that presents the email address and password of our webstore email to the SMTP server to request a session to send an email. For forgetting of passwords, when the member enters their email address, it will call the method sendforgetPass in the SendMail.java after the password has been decrypted. The content in their email will be the member decrypted passwords, so that they will be able to log into their account.

When a member first signup with the webstore a welcome message will be sent to them, for admin when they would like to see the sales report and get a copy of the report, it can be also sent to the admin email after clicking on send report button located at viewsalesreport.jsp.