

Web System – Book Creek for internal Management only

Subject: CSCI-571 – Web Technologies

**Name : Deepak Sukumaran
USC ID :9226430941**

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Website URL: <http://csci4xx.usc.edu:9007/login.jsp>

Admin Login details: admin / admin
[User Id / Password]

Manager Login details: manager / manager
[User Id / Password]

Employee Login details: employee / employee
[User Id / Password]

Introduction:

This project is for a system intended to sell books online. Depending upon the Data input the system is open to model any electronic sales (for future projects). This web system helps to administer, manage information with role based protection through sessions. An Administrator can create employees (Manager/employee) along with the details. The product details are updated by Admin and Employee leaving manager to see only the report data(read only). The project was tested using the IE 7 browser.

Features in the Project:

1. Session expires if browser let inactive for 600 seconds
2. Manager, Employee and administrator have their respective rights.
3. Reports are managers privileged data so only can be seen by manager.
4. An employee can add / remove products or product category.
5. An administrator can both manage accounts and products.

My Web system:-

For all type of user there is a common Login page. Each type of user may use their credentials to login.

Manager:- Manager can login with his credentials through the same login page. His sole responsibility is to view reports. This is a privileged data for the manager and can only be done by him. He has view the Category report of product and Employee detail report.

Employee:- Employee has the responsibility of managing the product and their category. He can add / remove / manage any product.

Administrator:- Administrator as employee can manage (add / remove/ manage) products and category. Apart from that he can add/remove any type of account.

Steps to Add New Product:- Both administrator and employee can manage products. Product can be added directly under any category. Similarly any product can be deleted.

Database Design: (MySQL – Port #: 8511)

List of Tables:-

1. user Table

This table is used to store the username and password details for all type of users like: Manager, Employee and Admin. To differentiate between them there is a type column.

Database Structure:

empid varchar (20) , Primary key
pwd varchar (20)
role varchar (20)

2. info Table

This table is used to store all the information about the employee/manager/admin.

Database Structure:

username varchar (20), Primary key
password varchar (20)
FName varchar (20)
LName varchar (20)
Address1 varchar (20)
city varchar (20)
state varchar (20)
country varchar (20)
zip varchar (20)
phno varchar (20)

3. product Table

This table consists of the product Ids, all the products, their categories, their actual price and their availability.

Database Structure:

productId int NOT NULL auto_increment,
productCategory varchar (20)
productName varchar (20)
actualPrice varchar (20)
currentAvilability varchar (20)
PRIMARY KEY (`productId`)

Files submitted:- There are totally 55 file which consists of 50 .jsp files, 4, image files and 1 WRITEUP.

To start with the functionality of my .jsp files, I will group them according to their functionality.

Login: - For login purpose I have: - *login.jsp*, *validateLogin.jsp*, *login2.jsp*, *logout.jsp*. These files handle all login functionality, session tracking and logout.

Manager Report: - For manager, his sole responsibility is to view the reports of available tables. Files used are *selectEmployee.jsp*, *selectCategory.jsp*, *categoryReport*, *employeeReport.jsp*.

Management of Product: - Employee and Administrator can manage (add / remove / manage) any product details. They can add or remove any category, product, or anything related to a product.

Files used for this are:

addCategory.jsp, *addCategory2.jsp*, *addEmpCategory.jsp*, *addEmpCategory2.jsp*, *createUser.jsp*, *createUser2.jsp*, *CreateUserValid.jsp*, *manager.jsp*, *admin.jsp*, *employee.jsp*, *addEmpProduct.jsp*, *addProduct.jsp*, *adminAddAccount.jsp*, *adminAddAccountValid.jsp*, *adminAddCatinDB.jsp*, *adminAddProdProcess.jsp*, *adminAlterProduct.jsp*, *adminCreateUserValid.jsp*, *adminDeleteCategory.jsp*, *adminDeleteprocess.jsp*, *adminProdSummary.jsp*, *adminRemProd.jsp*, *adminRemProdProcess.jsp*, *adminRemProdSummary.jsp*, *deleteUser.jsp*, *empAddCatinDB.jsp*, *empAddProdProcess.jsp*, *empDeleteCategory.jsp*, *empProdSummary.jsp*, *empRemProdProcess.jsp*, *empRemProdSummary.jsp*, *remEmpProd.jsp*, *removeCategory.jsp*, *removeEmpCategory.jsp*, *adminUpdateProd.jsp*, *adminUpdateProcess.jsp*, *adminUpdateProddate.jsp*, *updateEmpProd.jsp*, *UpdateEmpProddata.jsp*, *updateEmpProcess.jsp*

The above files were mainly used for managing the products and categories by the administrator and employee.

Managing Accounts: - This is done only by the administrator, and not by anybody

else. He can create or remove any type of accounts. While creating an account he is asked the username and the password along with the personal information. He can select they type of account he is creating. While removing an account all the user names are shown in a dropdown along with their type. He can select and delete them. The files used for these are: - *adminAddAccount.jsp*, *adminAddAccountValid.jsp*, *deleteUser.jsp*. These are the main files used for this purpose.

Login Screen:

The screenshot shows a web browser window titled "Welcome to Book Creek - Windows Internet Explorer". The address bar displays "http://cs.ccsu.edu/usc.edu/2007/login.jsp". The browser's toolbar includes buttons for "Home", "Entertainment", "Video", "Sports", "Money", "Auto", "Lifestyle", "Health", "AOL", and "Search Fun". The "Favorites" bar shows "Welcome to Book Creek". The main content area features a login form titled "Online Management System For Book Creek Employee's". The form includes fields for "Username*" and "Password*", each with a placeholder indicating a length of 4 to 10 characters. A "Login" button is positioned below the password field. The browser's status bar at the bottom shows "Internet | Protected Mode On" and a time of 8:49 PM.

Welcome to Book Creek - Windows Internet Explorer

http://cs.ccsu.edu/usc.edu/2007/login.jsp

Welcome to Book Creek

Online Management System For Book Creek Employee's

Username* (4 to 10 of a-zA-z only)

Password* (6 to 10 of a-zA-Z,0-9 only)

Login

Internet | Protected Mode On 8:49 PM

Admin Page:

The screenshot shows a web browser window titled "Book Creek Administration - Windows Internet Explorer". The address bar displays "http://cs.ccsu.edu/usc.edu/2007/admin.jsp". The browser's toolbar includes buttons for "Home", "Entertainment", "Video", "Sports", "Money", "Auto", "Lifestyle", "Health", "AOL", and "Search Fun". The "Favorites" bar shows "Book Creek Administration". The main content area features an admin page titled "Administer Book Creek Employee Information". The page is divided into two sections: "Manage Employee's" and "Manage Product's". The "Manage Employee's" section includes a "Create Employee" link and a "Remove Employee Details" link. The "Manage Product's" section includes links for "Add Category", "Remove Category", "Add Product", "Remove Product", and "Update Product". A "Logout" button is located at the bottom of the page. The footer of the page displays "CRCT11 (Summer 2010) - Deepak Subramanian". The browser's status bar at the bottom shows "Internet | Protected Mode On" and a time of 10:40 PM.

Book Creek Administration - Windows Internet Explorer

http://cs.ccsu.edu/usc.edu/2007/admin.jsp

Book Creek Administration

Administer Book Creek Employee Information

Manage Employee's

Create Employee

Remove Employee Details

Manage Product's

Add Category

Remove Category

Add Product

Remove Product

Update Product

Logout

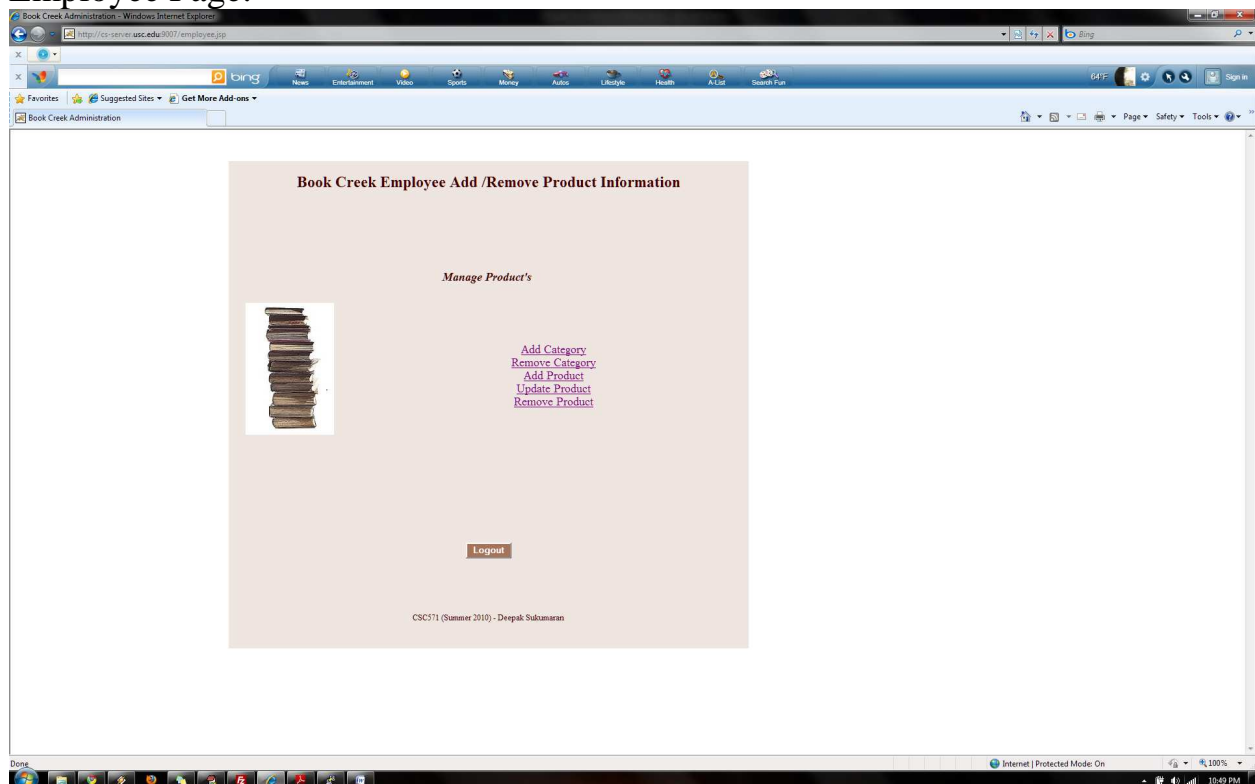
CRCT11 (Summer 2010) - Deepak Subramanian

Internet | Protected Mode On 10:40 PM

Manager Page:



Employee Page:



List Of files

addCategory.jsp
admin.jsp
 adminCreateUserValid.jsp
adminRemProdSummary.jsp
createUser2.jsp
empProdSummary.jsp
 login.jsp
report.jpg
validateLogin.jsp
addCategory2.jsp
adminAddAccount.jsp
 adminDeleteCategory.jsp
 admin_emp.jpg
dateReport.jsp
empRemProdProcess.jsp
logout.jsp
 salesReportForm.jsp
addEmpCategory.jsp
 adminAddAccountValid.jsp
adminDeleteprocess.jsp
book_background.jpg
deleteUser.jsp
empRemProdSummary.jsp
manager.jsp
selectCategory.jsp
addEmpCategory2.jsp
adminAddCatinDB.jsp
adminProdSummary.jsp
 book_clipart.jpg
 empAddCatinDB.jsp
employee.jsp
remEmpProd.jsp
selectEmployee.jsp
addEmpProduct.jsp
adminAddProdProcess.jsp
adminRemProd.jsp

categoryReport.jsp
empAddProdProcess.jsp
employeeReport.jsp
removeCategory.jsp
 sessionLogin.jsp
addProduct.jsp
 adminAlterProduct.jsp
 adminRemProdProcess.jsp
createUser.jsp
empDeleteCategory.jsp
failedLogin.jsp
 removeEmpCategory.jsp
 storekeeper.jsp
adminUpdateProd.jsp
adminUpdateProcess.jsp
adminUpdateProddate.jsp
updateEmpProd.jsp
UpdateEmpProddata.jsp
updateEmpProcess.jsp