Web System – Book Creek for internal Management only

Subject: CSCI-571 – Web Technologies

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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.
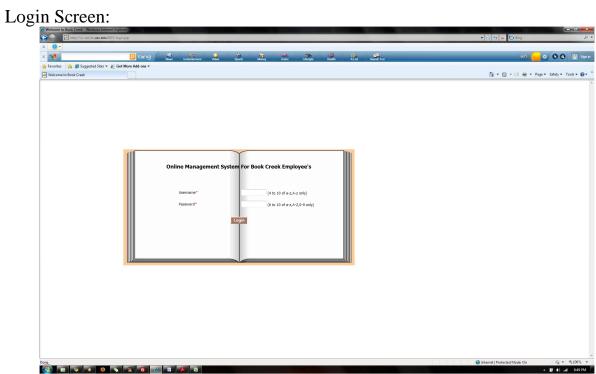
Files used for this are:

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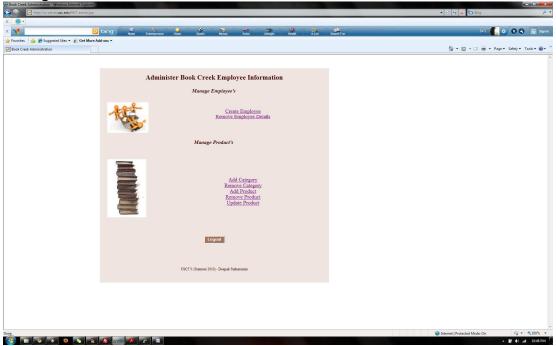
The above files were mainly used for managing the products and categories by the administrator and employee.

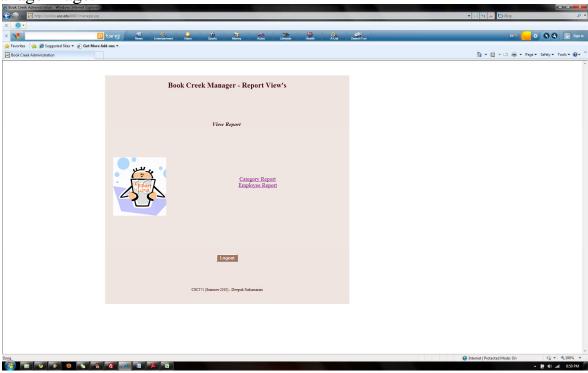***Managing Accounts: -*** This is done only by the administrator, and not by anybody
else. He can create or remove any type of accounts. While creating an account he is asked the username and the password along with the personal information. He can select they type of account he is creating. While removing
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.
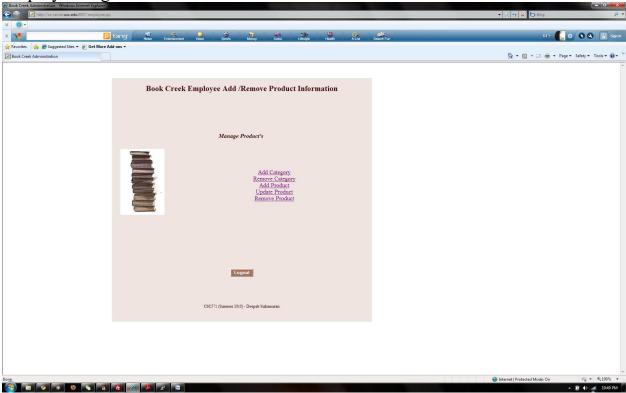
Login Screen:

Admin Page:

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