CSC4370/6370
Summer 2016
Final Project 3
E-Commerce Using Java-MVC
Due On 07/30/2016 @ (11.59)

Each team will upload project and Detailed 10 minute PowerPoint presentation with should include the group members to the coddserver

Submission Requirements

You must turn work at the SPECIFIED TIME so you can receive credit for Project!

You must be submitted on desire2learn by the due date and time. Late homework will be subject to a penalty, as stated in the course grading policy. No email or hard copies of homework will be accepted.

You may discuss the assignments with other students in the class, but (as stated in the academic honesty policy) your written answers must be your own, and you must list the names of other students you discussed the assignment with.

How to Submit

Log into D2L (desire2learn.gsu.edu), select the class to view its drop box folders, select the correct folder for the given assignment and upload the file there.

(Please submit link of project 4 to D2L)

Requirements

You shall choose one team member as leader for purposes of coordinating the project and reporting to the instructor.

See the syllabus for how much time each team member is required to spend on the project.

Each team shall make a presentation lasting five minutes or less in which you present your completed project. At the beginning of the

Presentation the leader shall present to the instructor a single sheet of paper which states the following:

- Leader's Name
- Project Name
- Description: a one-sentence description of your project

Create a full-tier shopping cart application. This is a standard ecommerce application. Examples are EBay and Amazon. There are users and an inventory. As a user selects items from the inventory, they are added to their shopping cart. When the user checks out, the shopping cart is turned into an order. All student that are registered for the 6370 class MUST incorporated 3 extra features not discussed.

Use the MVC framework to model your application. This means you will use PHP for your views, control, and for the model.

Project Pieces Views		
Views(php/html)	**Controls**	**Models(DB)**

1. Main
2. Menu
3. Login
4. Inventory
5. ViewCart
6. Profile
7. Register
	1. Menu
	2. Login
	3. Addtocart
	4. Checkout
	5. Register
	6. Admin
		1. DB Use the following tables
		   1. Customers
		   2. Inventory
		   3. Orders
		2. PHP Controls
		   1. User
		   2. ShoppingCart
		   3. DB

Interaction Views		
Views	**Submits to:**	**Access Models**
menu.php	Menu.php	User.php
login.php	Login.php	DB
inventory.php	Addtocart	Shoppingcart.php
viewcart.php	Checkout that simulates CC processing and Email	DB User.php

	conformation	
profile.php	Register.php	Shoppingcart.php
register.php		

Interaction Controls

Control	Forward To	Models(Update/Access)
Menu.php	*	-
Login.php	main.php/login.php	User.php/DB
Addtocart.php	viewcart.php	Shoppingcart.php
Checkout.php	profile.php	DB/Shoppingcart.php
Register.php	main.php/register.php	DB, User.php
other	-	-

Descriptions

Views	Desc.	Displays
menu.php	New user	Links
login.php	Standard login page	Failed attempts
inventory.php	A reflection of the inventory, used to add to the cart	DB:Inventory table
viewcart.php	Shows the status of the current shopping cart with a total	Shoppingcart.php
profile.php	Personal info plus list of past purchases	DB: table
register.php		-

Use Cases

Case	Interacts with	Results
Login	Login.php	User shopping cart updated
Browse Inventory	DB:Inventory is read	DB:Orders updated
Add to cart	Addtocart.php	DB User.php Shoppingcart.php?
Check out	Checkout.php, Shoppingcart.php	DB:Orders updated
View Profile	Register.php	
register.php		

*********PLEASE NOTe ALL GRADUATE STUDENT ARE REQUIREED TO CREATE THREE EXTRA FEATURE (CREATE YOU OWN FUNCTIONALITY WHAT IS NOT DISCRIBED BY ME)

Requirements:

1. See above
   1. Stuff
   2. Things
   3. Project requirements