Coursework Task Sheet

Module Title **Open Systems Application Development**		Module Code M30CDE
Assignment No. / Title Java EE e-Commerce Application		Hand out date: 20 Feburary 2014
Lecturer Dr Nazaraf Shah		Due date: 28 April 2014
Estimated Time (hrs) 40	Assignment type: Individual	% of Module Mark 100
Submission arrangements CuOnline upload + Coursework submission office		
Assessment Regulations The University regulations on assessed coursework apply to this coursework. You are advised to read the guidelines available at: https://cuportal.coventry.ac.uk/C12/EC/Document%20Library/Uni%20CW%20handling%20student%20guide.docx Keep a safe copy of all coursework submitted for reference.		
Assessment Criteria Marks break down is given in detail on the attached		

M30CDE Assignment 2013-2014

Development of a Java EE e-Commerce Application

Task

This is an individual coursework. You need to think of a suitable e-commerce application that will enable customers to shop online and also provide an administrative interface which will allow members of staff to keep track of customers' orders and update product catalogue. You are required to use JEE Platform and a relational database of your choice as implementation technologies. Your application must have following minimum functionalities.

- Display Items for customers and provide easy browsing.
- Allow customers to add items to a shopping cart.
- Allow removal of items from the shopping cart.
- Update items quantities in the shopping cart as customer add item in the cart.
- Customers can view a summary of all items their quantities and total price in the shopping cart.
- Enable a customer to place an order and make payment by using fictitious credit card details (You may use any available plugin for this purpose or 10 digits number validation for credit card).
- Allow customer registration
- Administrative interface is required to allow staff to view and tracks customers order.

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Products Required

Product	%Mark
A description of the application associated use case scenarios	10
Overview Design of the application (ER diagram, wireframe, sketches etc.), A brief evaluation report not more than 1 page reflecting development process and technologies used	20
Correct use of appropriate technologies (JSP, Servlet, JDBC etc.)	10
Evidence of implementation (e.g. screen shots, code, database, test plan and test results) of the application.	50
Application demonstration	10

You will be required to demonstrate your application to your tutors. A schedule will be set for this later.

Hand-in Requirements:

Please submit your work via CuOnline and in coursework submission office. Instructions on submission will be available in due course.

Marking Criteria

Product	Pass mark	Distinction Mark
A description of the application and use case scenarios	Adequate descriptions but the may be some relevant parts missing, lack of clarity or inconsistencies with other parts of the work.	Excellent description, Very clear. Few mistakes and if any these should be minor
Design	Reasonable design, may be some inconsistencies, ambiguities or incompleteness but gives the picture of the systems overall.	Very clear and detailed design using appropriate diagrammatic method
Evidence of implementation the of application	Some screen shots and test plans included with comments. Some functionalise working May not be fully implemented.	Comprehensive set of screen shots and test plan. Test results Everything working correctly. Demonstration should cover all aspects of system
Correct use of appropriate technologies	Satisfactory understanding and use of a J2EE technology component	Correct use and understanding of , JSP/Servlet, Java beans and JDBC
Application Demo	Demonstration lacking full functionality and understanding, acceptable user interfaces	Demonstration of correct functionality understanding and excellent user interfaces