

## E-store System Design Tutor Feedback

Thank you for your mid-module assignment submission which I have enjoyed reading.

For this assignment you needed to use the scenario provided to design and develop a class diagram, an activity diagram for the process of a customer completing an order and a state diagram highlighting the states of an order (and their transitions) for your proposed system.

You needed to draw out the objects, attributes, operations and relationships of the system in a rationale for your analysis (500 words). Please see below some general feedback which I hope you find useful.

### Knowledge and understanding of the topic/ issues under consideration (25%)

You have demonstrated a good level of understanding of the key elements required in the various diagrams. Your knowledge is evident in your rationale, which is fairly well explained and justified. You have shown some insight in to the topics covered in the module so far including the various relationships in your design. For example the description of the class diagram with explanation of objects and relationships.

### Application of knowledge and understanding (25%)

You have suitably demonstrated the application of knowledge and understanding to address the learning outcomes assessed by this assignment. You have applied the knowledge gained to produce suitable diagrams. In the class diagram there is evidence of a good level of perception detailing classes with attributes and methods incorporating inheritance, composition, aggregation. All aspects have been attempted to some degree. You have identified many classes, but you could have also incorporated the account class through composition to create an instance of CreditCard. It would also be beneficial to have mapped in catalogue class interfacing <<interface>> with Search (SearchProductByName and SearchProductByCategory) which also <<uses>> customer class.

In the activity diagram the solution is effectively given and shows different operations of the system. In the state diagram there is sufficient detail for an order to allow a third party to instantiate changes between states.

### Criticality (25%)

There is good demonstration of critical analysis, thought and/or reflection, with regards to linking theory and practice in each of the diagrams. Your rationale does not incorporate further research to support the choices you have made in your diagrams for this scenario, however it is well explained.

Structure and Presentation (25%) (as detailed in the assessment guidance)

Overall, this is a good structure and presentation that has generally met the requirements of the assignment. Diagrams are suitably labelled, organised and presented. You have incorporated sub-headings to organise the submission and a suitable main title. The length of your rationale is within the word limit.