SIT773 Software Requirements Analysis and Modelling

Credit Task 5.2: Activity diagrams

Overview

This week you've learnt about different types of use case descriptions and activity diagrams.

In *task 5.1*, you have practiced preparing use case diagram and writing detailed use case description based on the *Leckie's Choice* (LC) case study.

It has been described in *task 5.1* that customers of LC want to be able to order products online using shopping cart and catologue product features. Customers also want to see the order status and to be able to cancel an order as well as add more items to an existing order before it is shipped for delivery (if needed).

In *task 5.1*, you are supposed to include a use case called *create order* in your diagram. If you did not have this use case in *task 5.1*, you can now revise your use case diagram to have it.

In this task you are required to prepare an activity diagram for *create order* use case.

Submission Details

Submit the following files to OnTrack:

- Submit your report.

Instructions

1. Review the articles that are related to this task, specifically articles *5.8*, *5.9* and 5.10, which are related to use cases descriptions.

2. Read LC's case study as per task *1.1*, *1.2*, *3.2*, *4.1* and *task 5.1* as well as the scenario described above.

3. Identify precondition, postconditions, flow of activities and exception conditions

4. Create the activity diagram based on the detailed flow of activities of *create order* use case and given example of *article 5.9*.

5. Make sure that your case description and activity diagram are consistent with regard to the flow of activities and conditions of your *create order* use case.

6. Prepare a report using your activity diagram.

7. Submit your report to OnTrack.