

SIT773 Software Requirements and Analysis

Pass Task 9.2: Prepare a Design Class Diagram

Overview

This week, you have learnt about different artifacts produced during the software development such as Software requirements specification document. You also explored development practices and activities related to design and implementation which are performed after requirement analysis.

In earlier task, you created domain model diagrams. In this task you will create a design class diagram based on Leckie's Choice (LC) case study.

Submission Details

Submit the following files to OnTrack:

- Submit your design class diagram based on the given instruction below.

Instructions

1. Review the articles that are related to this task, specifically articles *9.1 to 9.5* of week 9.
2. Read LC's case study as per tasks *1.1, 1.2, 3.2, 4.1 and 5.1*.
3. Prepare a design class diagram based on Leckie's Choice (LC) case study.
4. In your design class diagram, specify all data exactly with types that indicate the nature of the data.
5. Add behaviours to classes of your design class diagram, specify methods including their name, inputs and outputs.
6. Add coordinating classes to your design class diagram to ensure that the functionalities done by individual class are performed in the appropriate way.
7. Prepare a report based on the items 1 to 6.
8. Submit your report to OnTrack.