



Online Shopping System Design Review Report

**SOFE 2720U
Principles of Software & Requirements
Ontario Tech University**

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Winter 2022**

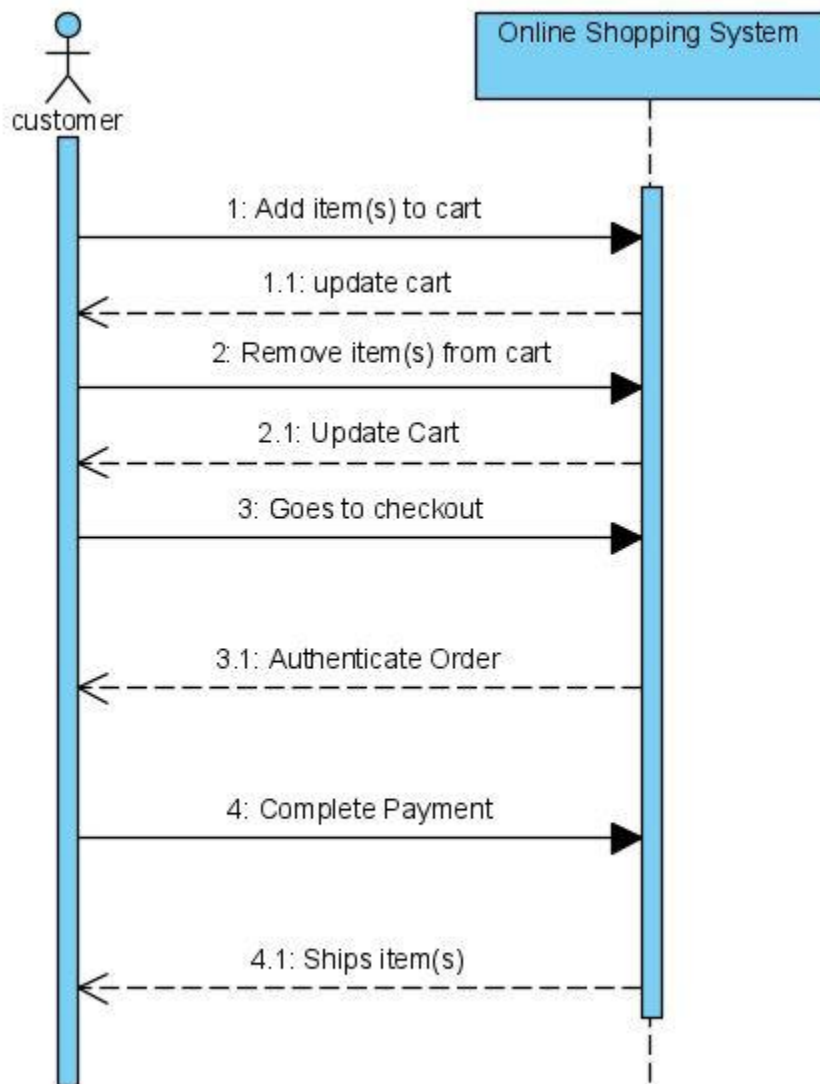
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Introduction

A formal meeting was held between one of the stakeholders of Leo's Book Store and one of the software developers of the website. The goal of this meeting is to conduct a review of the design diagrams of Leo's Book Store. In this report, you would find reviews on diagrams such as the system-level sequence diagram, the class-level diagrams, and the state diagram.

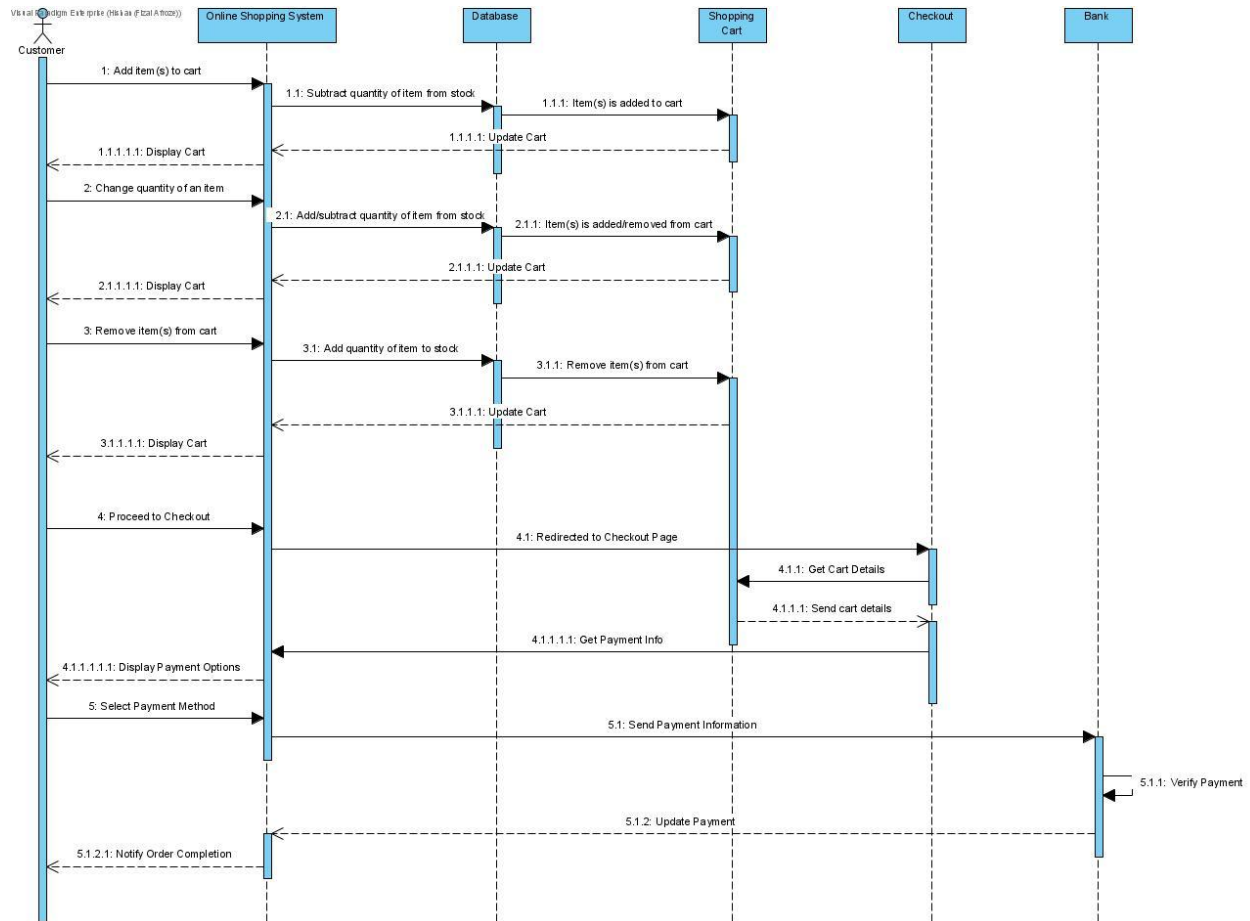
System-Level Sequence Diagram

The system-level sequence diagram shows how the customer interacts with the online shopping system. Based on the website that was created, this sequence diagram has captured how the online shopping system interacts with the customer very well.



Class-Level Sequence Diagram

The following diagram is the class-level sequence diagram. This diagram shows how each class interacts with each others by showing the sequence of order. The classes shown in the diagram are customer, online shopping system, database, shopping cart, checkout, and bank. The software developers for this website had implemented this sequence diagram. Tests were done on the website and we can conclude that after following this sequence diagram, the website is very well made.



State Diagram

The following diagram is a state diagram that is used to show the behavior of the system. It also shows what states can be accessed while they are in the active state. After conducting some tests and reviewing the website, we can conclude that this state diagram perfectly illustrates how the system behaves. For example, the diagram shows that the user can access the login page, the book catalog, and the shopping cart when they first access the website which is implemented in the website.

