

ReSource

Use Case Specification

Submitted to:

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In partial fulfillment of academic requirements
for the course
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Unique Reference:

The documents are stored in the <https://github.com/mathena828/ReSource> referenced with Group 2- 2.0 – Shop Book Listing.

Document Purpose:

This document expounds on the process of how a prospective seller can interact with the system in order to trade secondhand books. It details the prerequisites, sequence of events, as well as potential outcomes associated with the use case in question. The figures are included to clarify the procedure

Target Audience:

The target audience of this document is the CS 191 and CS 192 Software Engineering classes of the academic year 2019 to 2020, as well as other individuals who may need to evaluate the functional requirements of this project. The members of Group No. 2, namely, Jaira Mathena B. Angeles, Danilo M. Mendoza II, and Beatrice Pauline R. Mercado will be elaborating on the use case discussed hereunder. Professor Ma. Rowena C. Solamo will be evaluating the contents of this submission to ensure that it fulfills the criteria for this academic requirement.

Revision Control:

<i>Revision Date</i>	<i>Person Responsible</i>	<i>Version Number</i>	<i>Modification</i>
09/20/19	Jaira Mathena B. Angeles	1.0	She wrote the entries under Document Purpose, Target Audience, Use-Case Name, Description, Preconditions, Other Diagrams, Postcondition, Relationships, and Special Requirements.
09/20/19	Beatrice Pauline R. Mercado	1.1	She filled in the first two scenarios in the Flow of Events section of the document.
09/22/19	Jaira Mathena B. Angeles	1.2	She filled in the last scenario in the Flow of Events section of the document.
09/22/19	Danilo M. Mendoza II	1.3	He added the Activity Diagram.

Use-Case Name: 2.0 Shop Book Listing

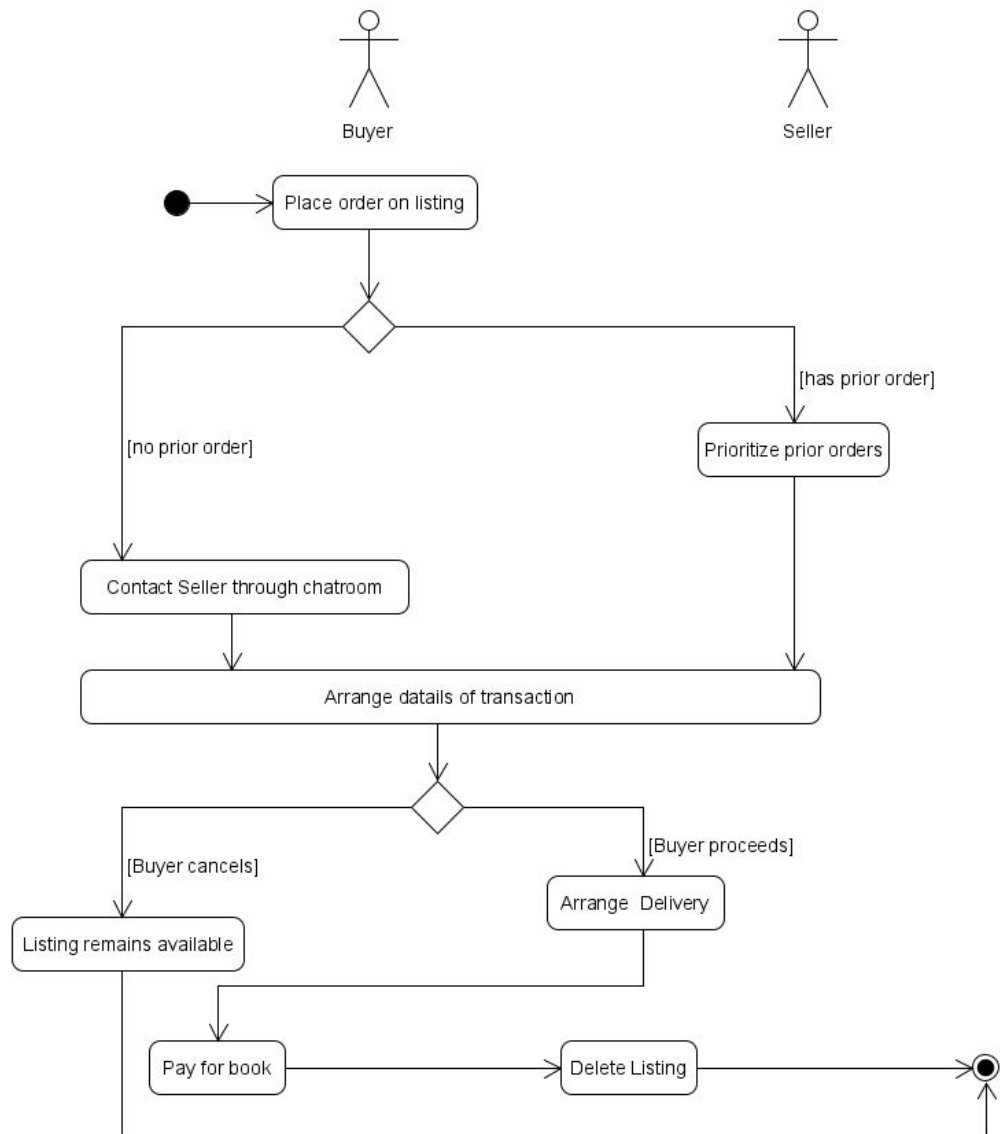
Description: This pertains to the buyer's ability to respond to a book listings posted by the buyers on the platform. This encompasses three operations. Namely, these are Place Order (Use-Case 2.1), Pay Order(Use-Case 2.2), and Delete Order(2.3). The Cash on Delivery sales model guides the proceedings.

Preconditions: The buyer must have an account on the website and a seller must have posted a listing of the book they are interested in.

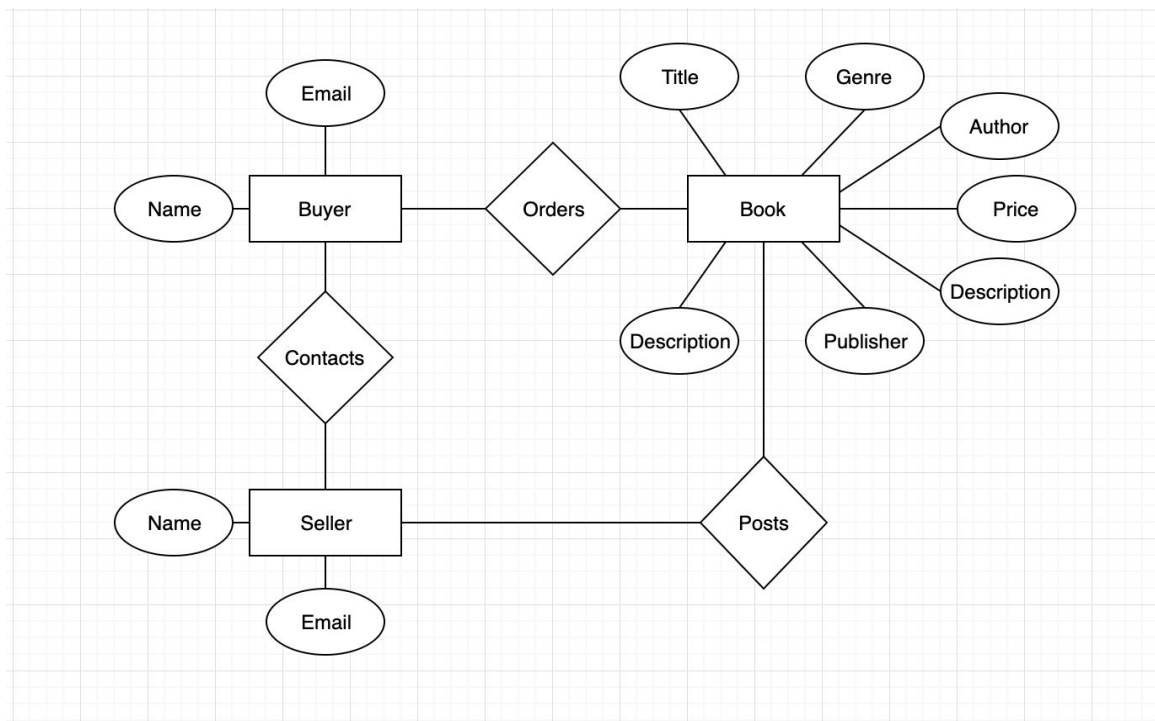
Flow of Events:

<i>Scenario Name</i>	<i>Description</i>
Scenario 1 (Basic Flow) The buyer purchases the book.	1. When a seller lists a book, a buyer can now place an order. 2. The buyer contacts the seller through the chat room. 3. Both actors will arrange the details of the transaction. 4. The buyer pays for the book upon delivery. 5. Book listing is deleted.
Scenario 2 The buyer cancels the order.	1. When a seller lists a book, a buyer can now place an order. 2. The buyer contacts the seller through the chat room. 3. Both actors will arrange the details of the transaction. 4. The buyer cancels the order. 5. Book listing remains available for purchase.
Scenario 3 The buyer places an order on a book that already has pre-existing orders.	1. When another buyer has already placed an order on the listing, the buyer can still place a pending order on the same product. 2. The buyer contacts the seller through the chat room. 3. The seller determines the priority of the transactions based on the prior agreements between the actors involved. 4. The buyer can either purchase or cancel the order depending on the outcome of their correspondence with the seller. 5. Book listing is deleted if it has been purchased or remains available for purchase otherwise.

Activity Diagram of the Flow of Events:



Other Diagram:



Postcondition:

Once purchased by the buyer, the book listing must be deleted from the seller's page and by extension, the ReSource database.

Relationships:

NONE

Special Requirements: NONE