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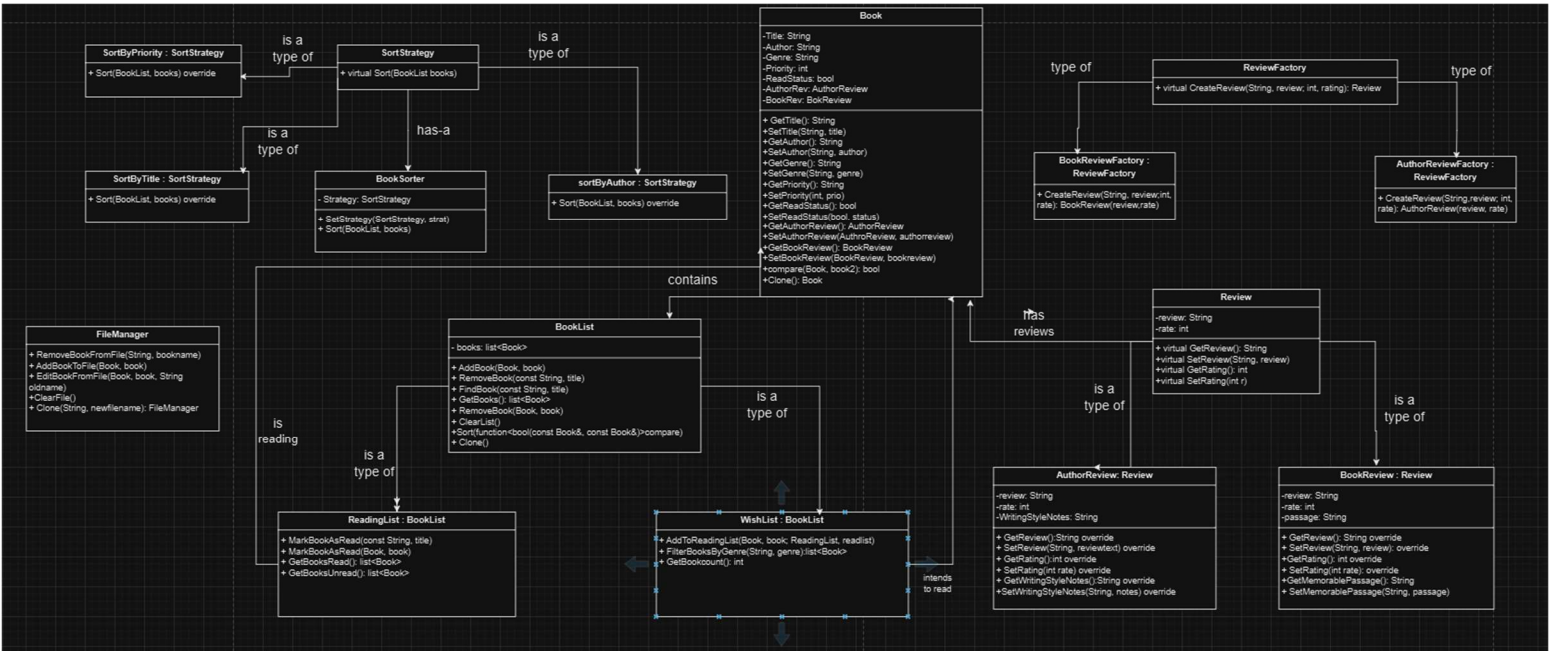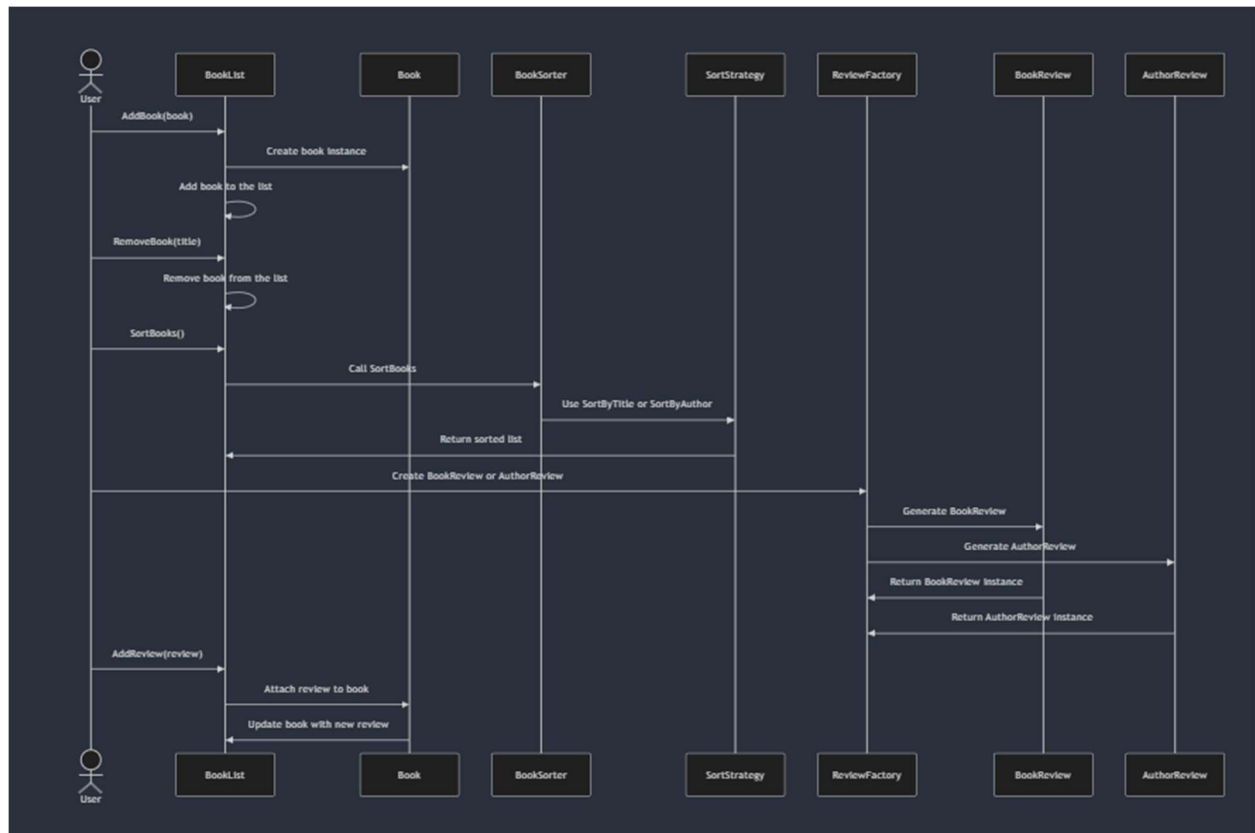
Complete UML Diagrams

Class Diagram:

Sequence Diagram:

Use Case Diagram:

Name	Adding Books to the Wish List
Primary Actor	User
Secondary Actor	none
Goal In Context	Be able to add a Book/Books to the Wish List
Preconditions	Book must not already be in the Wish List
Trigger	User inputs book they wish to add to WishList
Scenario	- The user wishes to add a new book to their wish list - If book is already in list, will notify the user. - The user add the book to their wish list
Alternatives	The book is already in the list, the system will notify the user.
Exceptions	
Priority	high

Name	Add a book review
Primary Actor	User
Secondary Actor	none
Goal In Context	To allow the user to review a book they have read
Preconditions	The user has begun/finished the book.
Trigger	User selects the option to review a book.
Scenario	- The user selects a book they want to review. - The user writes a review on the book.

	• The system saves the review and associates it with the book. • The system confirms that the review has been saved.
Alternatives	none
Exceptions	
Priority	med

Name	Adding Books to the reading list
Primary Actor	User
Secondary Actor	none
Goal In Context	Be able to add a Book/Books to the reading list
Preconditions	Book must not already be in the reading list
Trigger	User inputs book they wish to add to reading list
Scenario	• The user wishes to add a new book to their reading list. • If book is already in list, will notify user. • The user adds the book to their reading list.
Alternatives	The book is already in the list, the system will notify the user.
Exceptions	
Priority	high

Name	Remove Book from Reading list
Primary Actor	User
Secondary Actor	none
Goal In Context	Remove a book from the reading list
Preconditions	Book must be in the reading list
Trigger	User chooses to remove book from their reading list for whatever reason.
Scenario	• The user navigates to their reading list. • User chooses to remove a book from the list. • User searches for book to remove.

	• User removes said book. • Book doesn't appear in their reading list.
Alternatives	None
Exceptions	if the searched book isn't in the reading list
Priority	high

Name	Remove book from wish list
Primary Actor	User
Secondary Actor	None
Goal In Context	Remove a book from users wish list
Preconditions	Book must not already be in the Wish List
Trigger	User choose to remove a book from their wish list for whatever reason.
Scenario	• User navigates to their wish list. • User chooses to remove a book from their wish list. • User searches for book to remove. • User removes said book from wish list
Alternatives	none
Exceptions	If the selected book is not in list
Priority	high

Name	Sort books based on title
Primary Actor	User
Secondary Actor	None
Goal In Context	Be able to sort a book list based on the title
Preconditions	Book's must be in the book list
Trigger	User clicks to sort the book list based on title
Scenario	• The user wishes to sort their book list based on title (lexicographically). • User selects to sort book list. • Sorted list appears
Alternatives	
Exceptions	

Priority	med

Name	Sort books based on author
Primary Actor	User
Secondary Actor	None
Goal In Context	Be able to sort a book list based on the authors name
Preconditions	Book must be in the book list
Trigger	User inputs they wish to sort book list
Scenario	- The user wishes to sort their book list based on author name - User clickes that they want to sort book list - The sorted book list appears
Alternatives	
Exceptions	
Priority	med

Name	Sorting wish list by book priority
Primary Actor	User
Secondary Actor	none
Goal In Context	Be able to sort the wish list based on book priority
Preconditions	Book must already be in the Wish List
Trigger	User inputs book they wish to sort their wish list
Scenario	- The user wishes to sort their wish list based on book priority - User selects they wish to sort their wish list - Sorted wish list appears
Alternatives	
Exceptions	
Priority	med

Name	Moving book from wish list to reading list
Primary Actor	User
Secondary Actor	none
Goal In Context	Be able to move a book from the wish list to the reading list
Preconditions	Book must be in the wish list
Trigger	User clicks on a book in the wish list, then clicks the "Move Book To Reading List" button
Scenario	- The user wishes to move a book from their wish list to their reading list - Clicks on a book they wish to move to reading list, then clicks "Move book to reading list" button. - Book is removed from wish list and added to reading list.
Alternatives	The book is not in the wish list, the system will notify the user
Exceptions	
Priority	high

Name	Clearing all books from wish list
Primary Actor	User
Secondary Actor	none
Goal In Context	Be able to clear all books from wish list
Preconditions	Books must be in wish list.
Trigger	User clicks the "Clear list" button.
Scenario	- The user wishes to remove all books from their wish list. - The user clicks the "Clear List" button. - Wish list is cleared of all books.
Alternatives	The user gets a confirmation to ensure they wish to clear the list.
Exceptions	
Priority	medium

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