CSCI 448: Project Part 2 Individual

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Project: Virtual Library
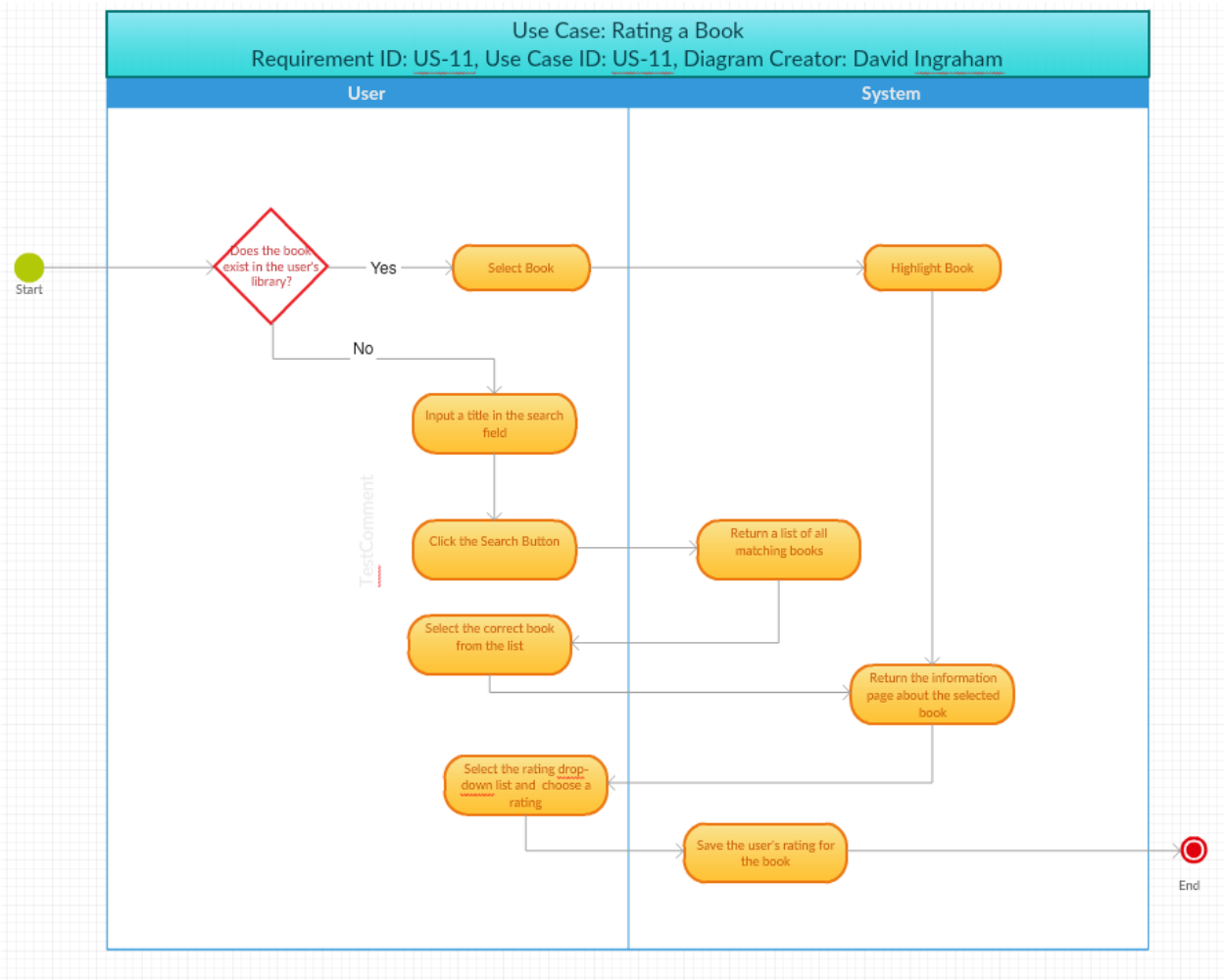
Requirements: US-04, US-11

Use Case Documents:

ID:	**US-04**
Use Case Name:	Select a user-associated book
Description:	As a user, I want to select a book in my virtual library so that I can comment about, retrieve information, etc. about a specific book.
Actor:	User or Admin
Preconditions:	- User is logged in and registered - There exists at least one book in the library database - There exists at least one book in the user's specific library collection
Postconditions:	- The Book Result UI Screen is visible with the specific selected book and all its associated details
Flow of Events	

	Actor Action	System Response
1	User clicks on a book in the library grid	System takes that bookID and finds the specific book in the database
2		System displays the Book Result Screen for the specifically selected book

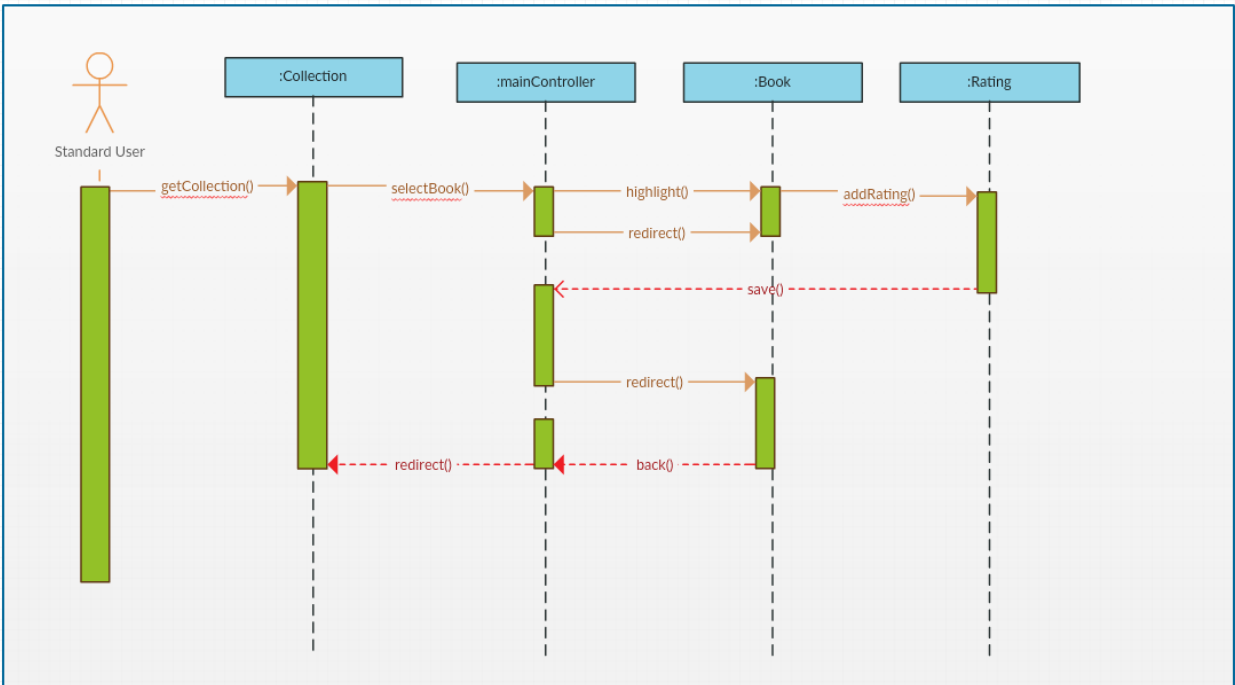|	
Frequency of Use:	Frequency of Use will vary with users. Some users may want to frequently view data on the specific books in their library but other users may not use this functionality at all after they add a book.
Variations:	
Exceptions:	- User doesn't have an account so they'd need to register - The user doesn't have a book in their library so they're unable to select anything
Notes:	

ID:	**US-11**
Use Case Name:	Rate a book
Description:	As a user, I want to be able to rate a book in my virtual library so that I can record my rating/sentiment about the book
Actor:	User or Admin
Preconditions:	- User is logged in and registered - There exists at least one book in the library database
Postconditions:	- The Book Result UI Screen is visible with the specific selected book and all it's associated details - The rating dropdown list has a populated value and the value is saved

Flow of Events

If the book exists in the user's library

	Actor Action	System Response
1	The user clicks the book from their library list	Return the information page about the selected book
2	The user selects the rating drop-down list and chooses a rating	Saves the user's rating for the book

If the book doesn't exist in the user's library

	Actor Action	System Response
1	Input's a title in the search field	
2	Click the search button	Returns a list of all the matching books
3	Select the correct book from the returned list	Return the information page about the selected book
4	The user selects the rating drop-down list and chooses a rating	Saves the user's rating for the book

Frequency of Use:	Frequency of Use will vary with users. Some users may want to rate all their books frequently while others may not use this functionality at all.
Variations:	
Expections:	- User doesn't have an account so they'd need to register - The library doesn't have any books in it so a user is unable to search for a book if they don't have any in their library
Notes:	

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Activity Diagram
Requirement: US-11
Use Case: Rate a book
Description: Activity Diagram to rate a book in my virtual library so that I can record my rating/sentiment about the book

Sequence Diagram
Requirement: US-11
Use Case: Rate a book
Description: Sequence Diagram to rate a book in my virtual library so that I can record my rating/sentiment about the book

Sequence 1 Shows when a book exists in the user's library

Sequence 2 Shows when a book doesn't exist in the user's library and the user searches for it.