

Use Case Document

1. View All Books
2. View One Book
3. Register
4. Login
5. Logout
6. Add Book
7. Review Book
8. Delete Review

Name:	View All Books
Summary:	All books are displayed when user clicks library from menu.
Version:	1.1
Preconditions:	The app is installed on the device and has internet connectivity
Triggers:	The user selects library from the menu
Main Success Scenario:	<ol style="list-style-type: none">1. The system gets books from the database2. The system displays all books view
Alternative Success Scenario:	
Post conditions:	
Business Rules:	
Notes:	20 books will be displayed at a time. Next and previous buttons will allow user to navigate
Author:	Tammy Dresen
Date:	3/12/2019

Name:	View One Book
Summary:	The user chooses a book to view and the individual book view is displayed.
Version:	1.1
Preconditions:	The book is in the database.
Triggers:	The user clicks on a book from the all books view
Main Success Scenario:	<ol style="list-style-type: none">1. The user chooses to review a book2. The system displays the book information
Alternative Success Scenario:	
Post conditions:	
Business Rules:	
Notes:	View will display Title, author, rating, reviews, and back button.
Author:	Tammy Dresen
Date:	3/12/2019

Name:	Register User
Summary:	The user enters registration information and clicks register. The system validates input and registers user.
Version:	1.1
Preconditions:	The app is open
Triggers:	The user indicates that she wants to register
Main Success Scenario:	<ol style="list-style-type: none"> 1. The user enters username, password, and clicks register button 2. The system validates input 3. The system checks if username is available 4. The system creates session id, saves user to database, and logs user in 5. The system displays success message
Alternative Success Scenario:	<p>2A1: Input is not valid</p> <ol style="list-style-type: none"> 1. The system displays prompt to reenter input. 2. The user enters registration information and selects option to register. 3. The system reads and validates information 4. The use case returns to step 3 and continues <p>3B1: Username not available</p> <ol style="list-style-type: none"> 1. The system prompts user to reenter information 2. User selects option to register. 3. The use case returns to step 3 and continues
Postconditions:	The user will be added to database
Business Rules:	
Notes:	Validation details for registration information needs to be decided.
Author:	Tammy Dresen
Date:	1/24/2019

Name:	Login User
Summary:	The registered user adds login information and selects option to login. The system validates login information and logs user in
Version:	1.1
Preconditions:	The app is open and user is registered.
Triggers:	The user indicates that she wants to register
Main Success Scenario:	<ol style="list-style-type: none"> 1. The user enters username, password, and selects login information 2. The system validates input 3. The system checks if username and password match database

	<ol style="list-style-type: none"> The system creates session id, updates user to database, and logs user in The system displays success message
Alternative Success Scenario:	<p>2A1: Input is not valid</p> <ol style="list-style-type: none"> The system displays prompt to reenter input. The user enters login information and selects option to login. The system reads and validates information The use case returns to step 3 and continues <p>3A1: Username and password do not match</p> <ol style="list-style-type: none"> The system displays error information and prompts user to reenter information User enters correct information, selects option to login. The use case returns to step 3 and continues
Postconditions:	The user will be updated in database
Business Rules:	
Notes:	Validation details for login information needs to be decided.
Author:	Tammy Dresen
Date:	1/24/2019

Name:	Logout User
Summary:	The logged in user selects option to login. The system deletes sessionId and logs user out.
Version:	1.1
Preconditions:	The user is logged in
Triggers:	The user indicates that she wants to logout
Main Success Scenario:	<ol style="list-style-type: none"> The user selects option to logout The system finds user by sessionId, deletes sessionId, updates user in database and displays logged out message.
Alternative Success Scenario:	
Postconditions:	The user will be updated in database
Business Rules:	
Notes:	
Author:	Tammy Dresen
Date:	3/12/2019

Name:	Review Book
Summary:	The logged in user chooses a book to review, adds review information, and the system saves the review and displays the book.
Version:	1.1
Preconditions:	The book is in the database.
Triggers:	The user indicates that she wants to review a book
Main Success Scenario:	<ol style="list-style-type: none"> 1. The user chooses to review a book 2. The system displays the review form 3. The user enters review information 4. System reads and validates review information 5. The system saves the review 6. The system displays the book detail view.
Alternative Success Scenario:	<p>2A1: User is not logged in</p> <ol style="list-style-type: none"> 1. The system displays the log in view. 2. The user enters log in information. 3. The system reads and validates login information 4. The system logs the user in. 5. The use case returns to step 2 and continues. <p>2B1: User is not registered</p> <ol style="list-style-type: none"> 1. The system displays the log in view. 2. User selects option to register. 3. The user enters registration information 4. The system reads and validates registration info 5. The system registers the user 6. The use case returns to step 2A1 and continues
	The book will be placed in the database
Business Rules:	<p>The user must be registered and logged in to add book.</p> <p>The book information must be filled out completely.</p> <p>The book information must pass validation.</p>
Notes:	Validation details for book information needs to be decided.
Author:	Tammy Dresen
Date:	1/24/2019

Name:	Add Review
Summary:	The logged in user chooses to add a book, adds book information information, the system saves the book and displays the book.
Version:	1.1
Preconditions:	The user is logged in
Triggers:	The user indicates that she wants to add a book
Main Success Scenario:	<ol style="list-style-type: none"> 1. The user chooses to add a book

	<ol style="list-style-type: none"> 2. The system displays the add book form 3. The user enters book information 4. System reads and validates book information 5. The system saves the book 6. The system displays the book detail view.
Alternative Success Scenario:	<p>2A1: User is not logged in</p> <ol style="list-style-type: none"> 1. The system displays the log in view. 2. The user enters log in information. 3. The system reads and validates login information 4. The system logs the user in. 5. The use case returns to step 2 and continues. <p>2B1: User is not registered</p> <ol style="list-style-type: none"> 1. The system displays the log in view. 2. User selects option to register. 3. The user enters registration information 4. The system reads and validates registration info 5. The system registers the user 6. The use case returns to step 2A1 and continues
	<p>The review will be placed in the database</p> <p>The review stars will be averaged with other reviews</p>
Business Rules:	<p>The user must be registered and logged in to write reviews.</p> <p>The review information must be filled out completely.</p> <p>The review information must pass validation.</p> <p>The review score will be averaged with previous reviews</p>
Notes:	Validation details for review information needs to be decided.
Author:	Tammy Dresen
Date:	1/24/2019

Name:	Delete Review
Summary:	The logged in user chooses a review to delete, chooses option to delete view, and the system deletes review and displays success message
Version:	1.1
Preconditions:	<p>The review is in the database</p> <p>The user is logged in</p>
Triggers:	The user indicates that she wants to delete a review
Main Success Scenario:	<ol style="list-style-type: none"> 1. The user chooses a review to delete 2. The system displays the filled in review form

	3. The user selects delete option 4. System deletes the review from database. 5. The system displays success message and user view.
Alternative Success Scenario:	
	The review will be deleted in the database
Business Rules:	The user must be registered and logged in to delete reviews. The user can only delete her own reviews.
Notes:	Validation details for review information needs to be decided.
Author:	Tammy Dresen
Date:	1/24/2019