



Lab 7: CS 370 Software Engineering Principles

Team#: 9

Team Project Title: BookQ

	First Name	Last Name	CSUSM account ID	Contribution Percentage
1	Brian	King	king264	25%
2	Oluwatobi	Badejo	badej001	25%
3	Jessica	Hernandez	herna579	25%
4	Reece	Harris	harri369	25%

Grading Rubrics (for instructor only):

Criteria	1. Beginning	2. Developing	3. Proficient	4. Exemplary
	0-16	16-26	27-34	35-40
Use Case Diagram	many use cases and relations are not correct	many use cases or relations are not correct	A few use cases or relations are not correct	Diagram is complete, all relations are correct
	0-5	6-9	10-14	15-20
Summary level use case description table	Missing important elements	Information provided is insufficient	Some minor issues	Information provided is sufficient and appropriate
	0-16	16-26	27-34	35-40
Use case description tables for primary task use cases	Missing important elements	Information provided is insufficient	Some minor issues	Information provided is sufficient and appropriate
Total Grade (100)				



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Assignment:

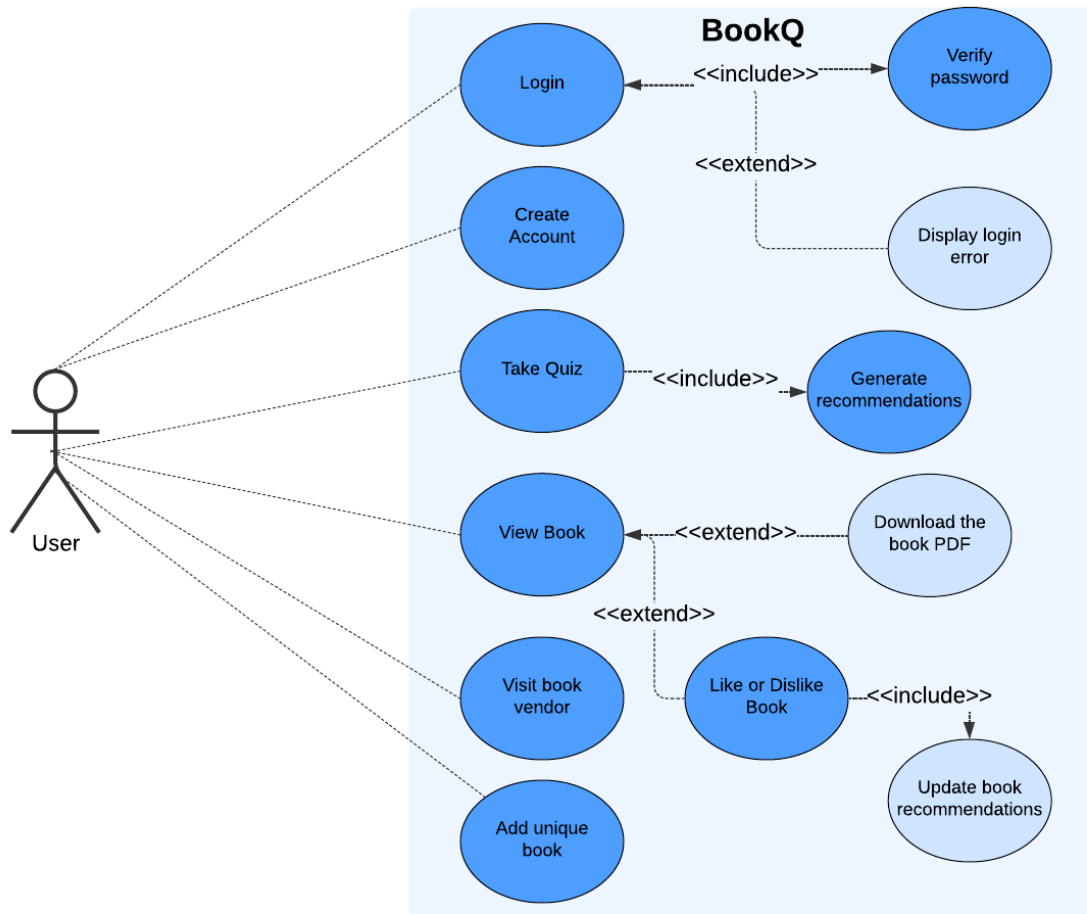
Each team works together on use cases for **your course project**.

Your submission should include:

- A UML use case diagram
- The use case description table of at least one use case at the summary level
- The use case description tables of multiple use cases at the primary level
- The use case description tables of use cases at the sub-function level, if applicable

You should start each use case description table in a new page

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Project Name	BookQ
Use Case ID	Usecase-001
Use Case Name	Take Quiz
User Goal	User wants to provide data to the system so that it can generate book suggestions
Scope	User data collection.
Level	Primary task
Primary Actor	User
Precondition	Login to account / Create account
Minimal Guarantee	Quiz is terminated / User data is not collected
Success Guarantee	Quiz is completed / User data is collected
Trigger	Start quiz button from main menu
Success Scenario	<p>Steps Actions</p> <ol style="list-style-type: none">1. Quiz questions load.2. User answers the current quiz question.3. Next quiz question loads.4. Repeat step 2 through 3 until no more quiz questions remain.5. Submit quiz.
Extensions 1a, 2a, 3a	<p>Steps Actions</p> <p>Quiz fails to load</p> <p>a1: Display alert error message to user.</p> <p>a2: Reload main menu.</p>



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Project Name	BookQ
Use Case ID	Usecase-002
Use Case Name	View Book
User Goal	User views more details about one book.
Scope	BookQ dashboard
Level	Primary task
Primary Actor	BookQ User
Precondition	Authentication into account
Minimal Guarantee	User logouts without giving rating (like/dislike)
Success Guarantee	User provided rating (like/dislike)
Trigger	User downloaded the book
Success Scenario	<ol style="list-style-type: none">1. User selects book2. The BookQ dashboard opens a new page providing more details about the selected book3. User interacts to the ratings panel by clicking a like or dislike4. Rating data is collected and sent to the user's personal database.
Extensions	Steps Actions
2a.	<p>User quits without submitting rating</p> <ol style="list-style-type: none">1a. Close specific book page without any data collection from user.2a. Reload previous page (home page).



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Project Name	BookQ
Use Case ID	Usecase-003
Use Case Name	User adds unique book to their database
User Goal	To add a book to their collection that does not exist in their database or the BookQ database
Scope	User copy of database
Level	Primary task
Primary Actor	BookQ user
Precondition	Authentication into account
Minimal Guarantee	User exits without updating personal database and book preference chart
Success Guarantee	User exits after updating personal database and book preference chart
Trigger	User selects "add book" after book not found in database
Success Scenario	<ol style="list-style-type: none">1. User enters book information, as well as their personal rating of the book.2. User presses "add" button, submitting selected data to their database.3. System checks to make sure book does not exist in BookQ database.4. Book is saved in user's copy of database and added to graph.
Extensions	Steps Actions
2a.	Submitting data to database fails.



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3b.	<p>a1. Error message appears notifying the user that no data was saved.</p> <p>a2. Return to add book page with every entry reloaded.</p> <p>Book already exists in the BookQ database.</p> <p>b1. Message appears notifying user that inputted book already exists in the BookQ database, advising them to add it directly from there.</p> <p>b2. Return to add book page with every entry reloaded.</p>
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Project Name	BookQ
Use Case ID	Usecase-004
Use Case Name	Delete Book
User Goal	User wants to delete a book from their queue
Scope	BookQ saved books
Level	Sub-function
Primary Actor	BookQ User
Precondition	Authentication into account
Minimal Guarantee	User does not delete any book
Success Guarantee	User deletes book



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Trigger	User views list of books
Success Scenario	<ol style="list-style-type: none">1. The User selects a book2. The BookQ asks "Are you sure you want to delete this book?"3. User selects "Yes" and it deletes the book from their dashboard.
Extensions 2a.	<p>Steps Actions</p> <ol style="list-style-type: none">1a. The BookQ asks "Are you sure you want to delete this book?"2a. The user selects "No".3a. The book gets de-selected for deletion.



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Project Name	BookQ
Use Case ID	Usecase-005
Use Case Name	Using BookQ
User Goal	User wants to find, acquire, and read books that match their personality
Scope	BookQ application
Level	Summary
Primary Actor	BookQ User
Precondition	The app is not launched.
Minimal Guarantee	The app does not launch or launches improperly.
Success Guarantee	The user profile updated.
Trigger	The user launches the application.
Success Scenario	<ol style="list-style-type: none">1. The user launches the application.2. The user either creates an account or logs in with an existing account.3. User takes a quiz to determine which books best suite them.4. User browses and adds books based on their preferences.5. User rates books to ensure that their book selection continues to align with their personality.
Extensions	Steps Actions
1a.	<p>The application is down or does not load properly on the user's system.</p> <p>a1. An error message/page appears with the reason for the loading issue.</p>