Use Case Document to go with the Library App Use Case Diagram

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Name	Login
Summary	Patron uses their credentials to log into the Library App
Version	1.1
Preconditions	Patron must have the App loaded on their device
Triggers	User selected the loggin option
Main Success Scenario	User is able to enter loggin information and the information is passed to the verify password use case.
Alternative Success Scenario	User was unable to loggin enter credentials successfully so the display error message use case was called
Post Condition	User successfully logs into the application and verify password use case is called.
Business Rules	User must successfully log into the app before proceeding to search, or check out materials. User can create a new profile in order to log in.
Notes	This use case involves verification of password use case prior to proceeding in the app
Author	Traesa Titel
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Name	Verify Password
Summary	App verify password and credential in order to open the functionality of the app to the user.
Version	1.1
Preconditions	User must enter the Loggin Id and password
Triggers	User enters credentials and clicks loggin
Main Success Scenario	Credentials are verified and user proceed to the next menu
Alternative Success Scenario	There is a problem with the credentials and the user is pushed to the error message use case
Post Condition	User is successfully logged into the application and the next menu is called
Business Rules	Account and password must be verified prior to utilizing the Search or Check Out or Return Materials functionality of the app
Notes	This use case must be successfully executed either initially or after the Display Error message use case has be successfully resolved before the app can be used
Author	Traesa Titel
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Name	Display Error Message
Summary	Attempts to resolve problem with account credentials by allowing the user to re-enter credentials or set up a new profile.
Version	1.1
Preconditions	Patron must have the App loaded on their device
Triggers	User selected the loggin option and the account credentials failed the verify password use case
Main Success Scenario	User is able to successfully re-enter credentials and proceed to the next menu or set up a new profile and then loggin pass the verify password use case.
Alternative Success Scenario	User send a message to the owner if they are unable to resolve the account issue.

Name	Search Materials
Summary	User will use menu options to search for desire materials offered
Version	1.1
Preconditions	Use has successfully logged into their account.
Triggers	User enters a menu item and detail to begin filtering for the desire materials
Main Success Scenario	User successfully enter menu selection and filtering data to acquire the list of desire materials
Alternative Success Scenario	There were no desired materials available. User can search again for different criteria

Post Condition	User successfully logs into the application
Business Rules	User must successfully log into the app before proceeding to search, or check out materials. User can create a new profile in order to log in.
Notes	This use case can involve the set up profile use case and will involve the verification of password use case prior to proceeding in the app
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Post Condition	User find desire materials
Business Rules	User must select the appropriate menu item to search the correct collection for desired materials.
Notes	This use case requires a collection of available materials to be searched.
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Name	Add Materials
Summary	Owner of the app uses constructors to add materials to the collection
Version	1.1
Preconditions	Owner must be able to log into the management side of the app
Triggers	Owner selects management menu button to add materials
Main Success Scenario	Owner is able to add materials to the available collection
Alternative Success Scenario	
Post Condition	Owner successfully adds materials to the collection
Business Rules	Owner must have the credential to manipulate the available collections to add available materials. Materials must include the necessary information and the link to for the user to search and check out added materials.
Notes	This use case can involves the inheritance use cases add book and add periodicals.
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Name	Delete Material
Summary	Owner of the app deletes materials from the collection
Version	1.1
Preconditions	Owner must be able to log into the management side of the app
Triggers	Owner selects management menu button to delete materials
Main Success Scenario	Owner is able to delete materials from the available collection
Alternative Success Scenario	
Post Condition	Owner successfully deletes materials from the collection
Business Rules	Owner must have the credential to manipulate the available collections to delete available materials.
Notes	This use case requires a collection of available materials to be searched in order to find the material to be deleted
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Name	Check out Materials
Summary	Use is able to check out the materials from the library app
Version	1.1
Preconditions	User must have successfylly logged into the app and successfully search for available materials and found one to be checked out
Triggers	User selects check out material on the menu

Name	Return Materials
Summary	User returns the materials to the library app and the systems is update with the return
Version	1.1
Preconditions	User must have previously check out the materials to be return and successfully logged into the system.
Triggers	User selects return material on the menu

Main Success Scenario	User successful checks out the material and the system is updated as such.
Alternative Success Scenario	User was not able to check out the material and is returned to the search menu to identify other desire materials
Post Condition	User checks out materials
Business Rules	User must have an account in good standing in order to check out materials.
Notes	
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Main Success Scenario	User successfully returns checked out materials
Alternative Success Scenario	User is unable to return checkout materials and the error message is sent to the owner
Post Condition	User successfully checks out materials
Business Rules	User must return material without damage in order to maintain an account in good standing.
Notes	
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Name	Set Up Profile
Summary	User sets up a new patron profile on the systems
Version	1.1
Preconditions	User must have the necessary information to create a profile, such as name and birthday and contact information
Triggers	User selected new profile
Main Success Scenario	User is able to set up a new profile..
Alternative Success Scenario	User was unable to set up a new profile and the Go to Profile Help use case was called
Post Condition	User sets up and new profile and can now log into the app
Business Rules	User must enter in the necessary personal information and contact information to set up a new profile
Notes	This use case involves verification and validation of the information entered
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Name	Profile Help
Summary	This use case provide information or can send a message to the owner if there is a problem with profile set up
Version	1.1
Preconditions	User must not have a current profile.
Triggers	User selects Profile Help from the Set up Profile use case
Main Success Scenario	User can successfully set up a new profile using the information on the Profile Help use case
Alternative Success Scenario	A new profile was unable to be establish and a message is sent to the owner for assistance.
Post Condition	User sets up a new profile
Business Rules	Users can only have one active profile.
Notes	
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