Group 6

Team work 1

The Library Management Sysrem

Group Member

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Use Case Diagram

Introduction

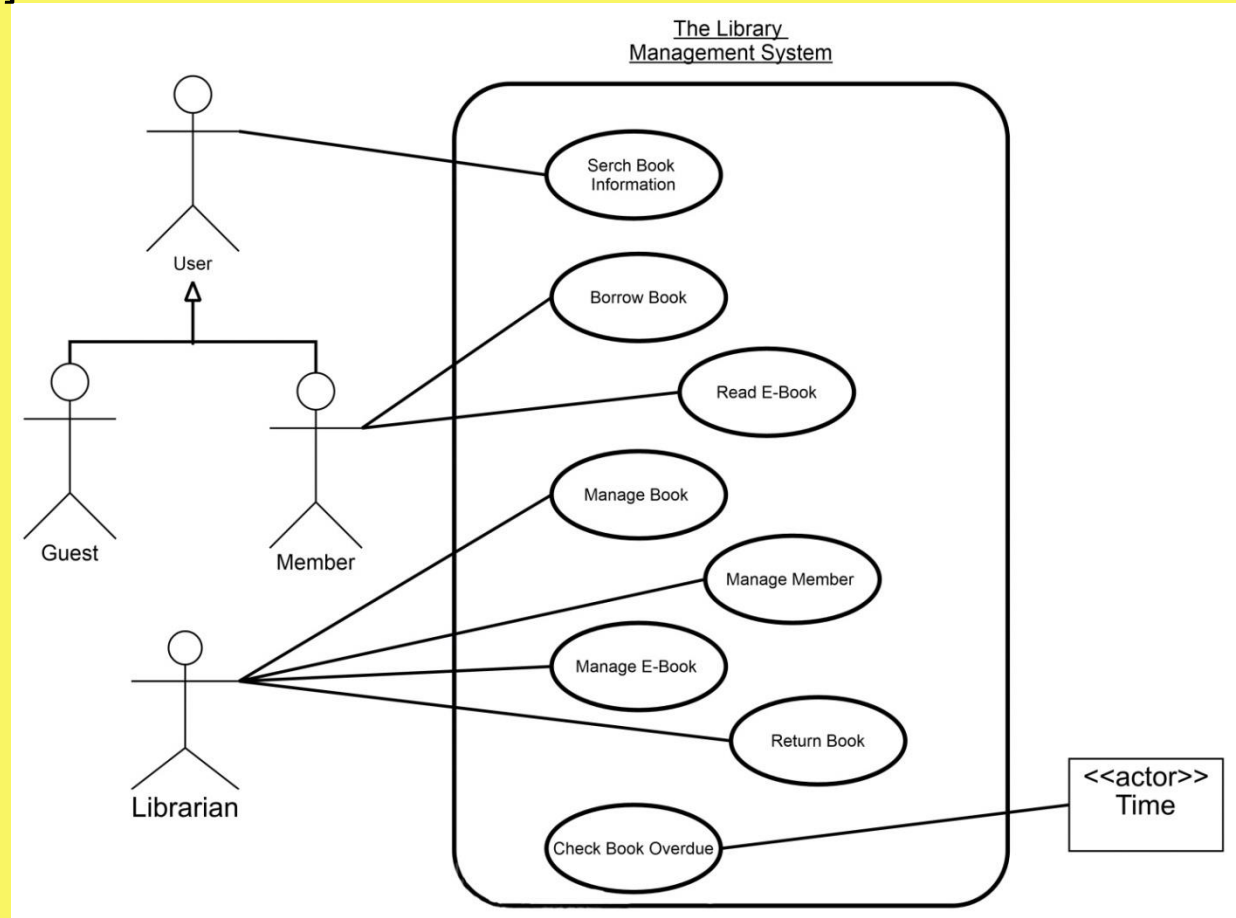
Our subject, The Library Management System, is mainly for the problems or functions you might meet or use when you are at the library.

Regarding using the library's website,
we excluded the cases outside the library.
And we focus on book, ignore other objects' situations.

Use Case Diagram

Use Case Diagram

[Search Book]



Use Case Description

Use Case Description

[Search Book]

Use Case Name:	Search Book	**ID:**	1	**Importance Level:**	Medium
Primary Actor:	Member	**Use Case Type:**		Real, Detail	
Stakeholders and Interest: Member – someone can search book and view book. Guest – someone can search book and view book.					
Brief Description: This use case describes member and guest can search book in system. When they find any book want to know more. They can view that book.					
Trigger:	Member and guest can search book and view data about it.				
Type:	External				
Relationship:					
Association:	Member, Guest				
Include:					
Extend:					
Generalization:					

Use Case Description

[Search Book]

Normal Flow of Event:

1.→ The user login in system.

If input wrong account or password, input it again.

2.→ The user clicks search-book button to use search-book function.

3.→ The user input key word and find book he wants.

If didn't find anything, the user need to input other key word.

4.→ Screen will show any book searched by the user.

If the user doesn't want to view book, stop in show book list.

5.→ The user chooses the book he wants to view.

6.→ The user can view book information,

If user wants to view more book, go to step 3.

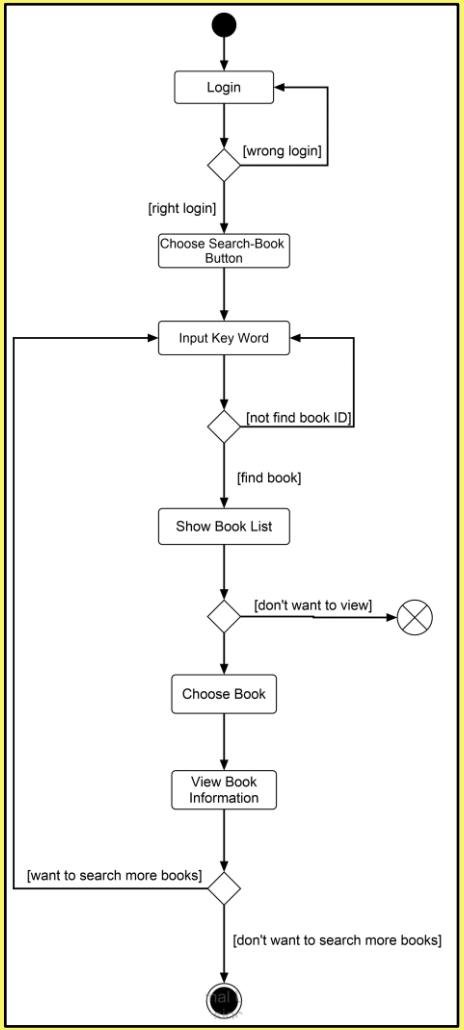
If user don't want to view other book, end search book function.

Sub Flow:

Alternative / Exception Flow:

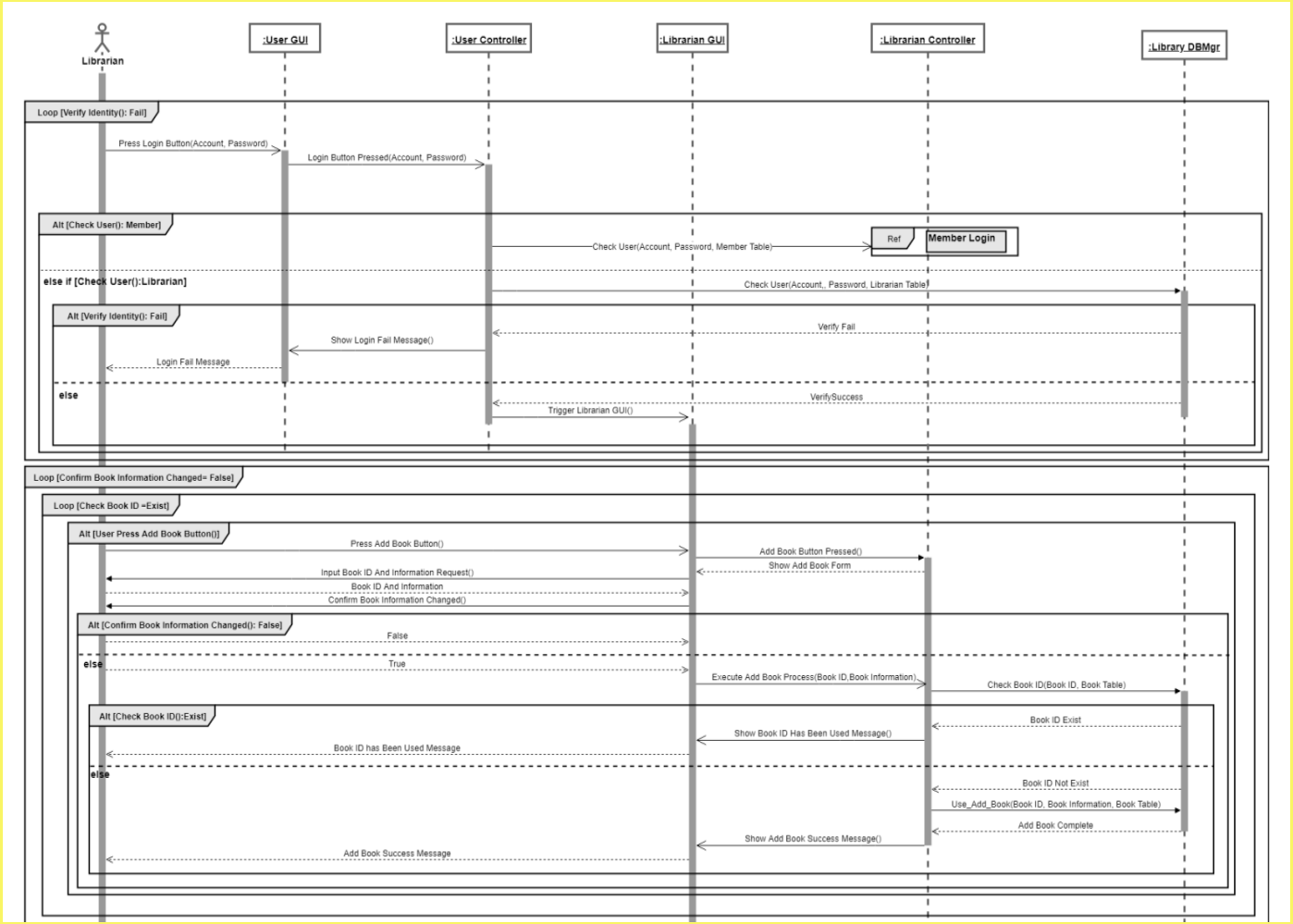
Activity Diagram

Activity Diagram
[Search Book]

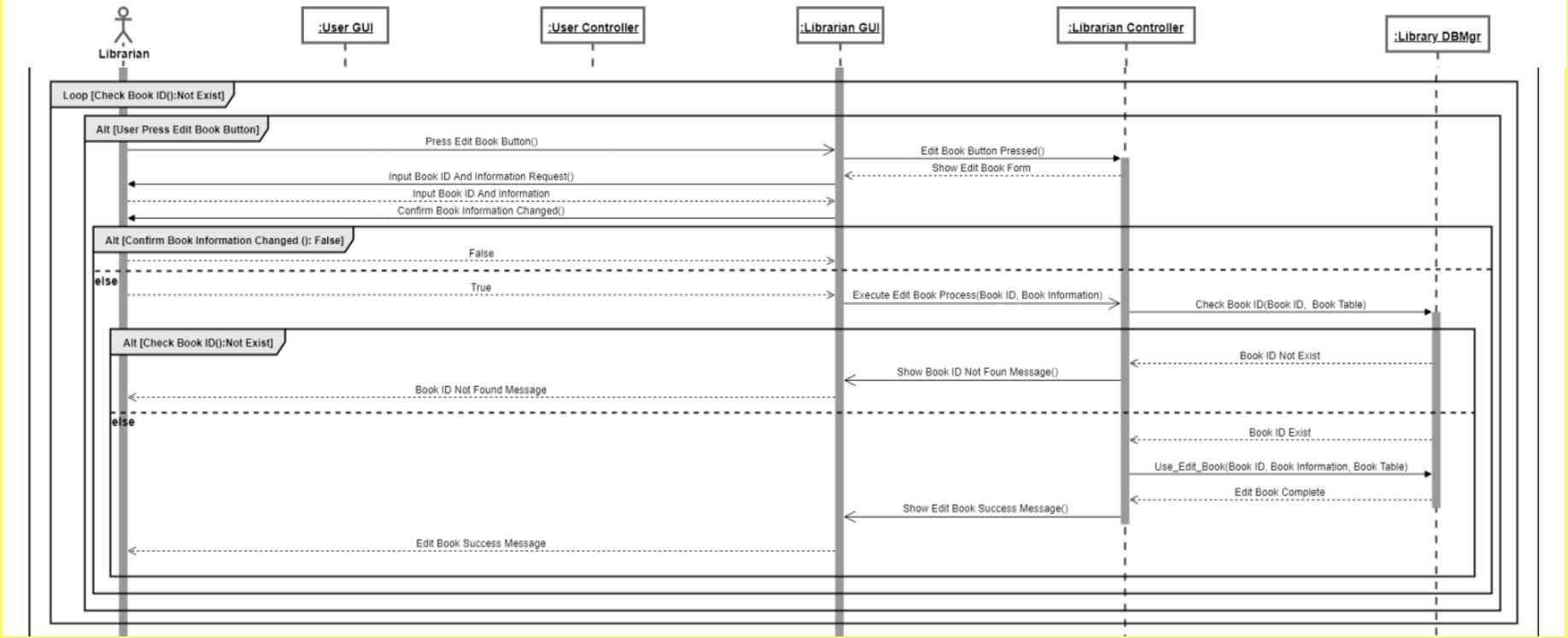


Sequence Diagram

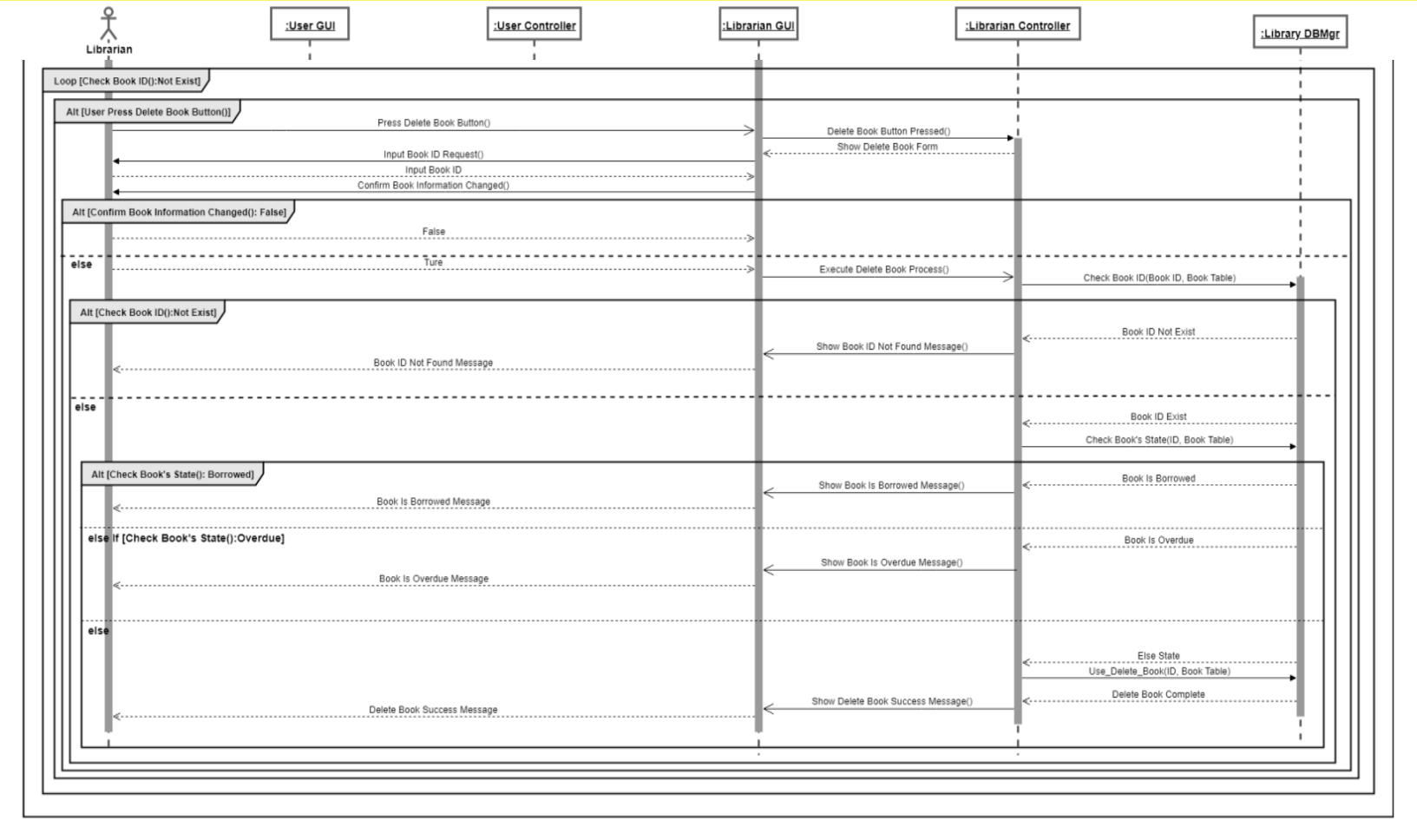
Sequence Diagram [Step 1]



Sequence Diagram [Step 2]

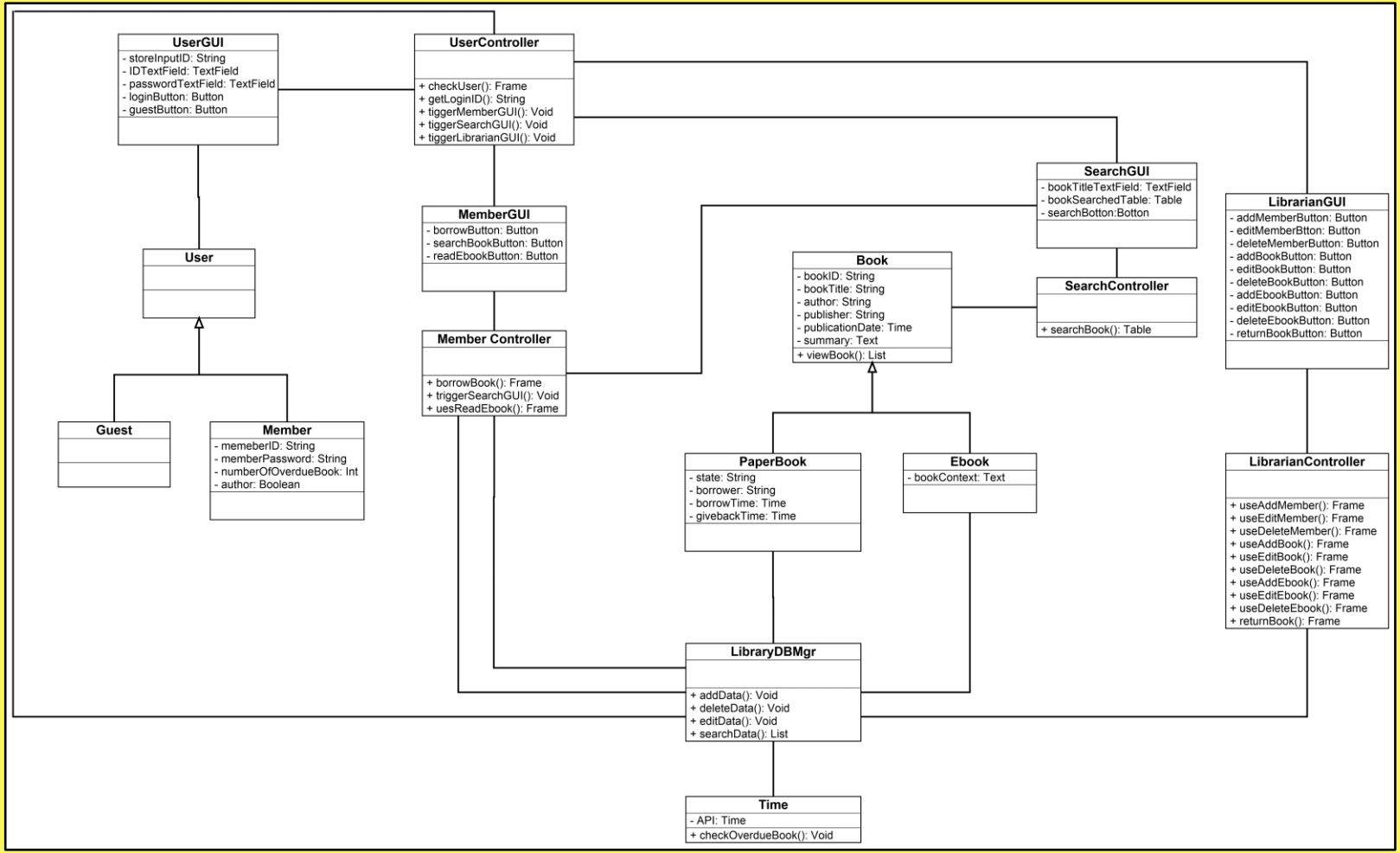


Sequence Diagram [Step 3]



Class Diagram

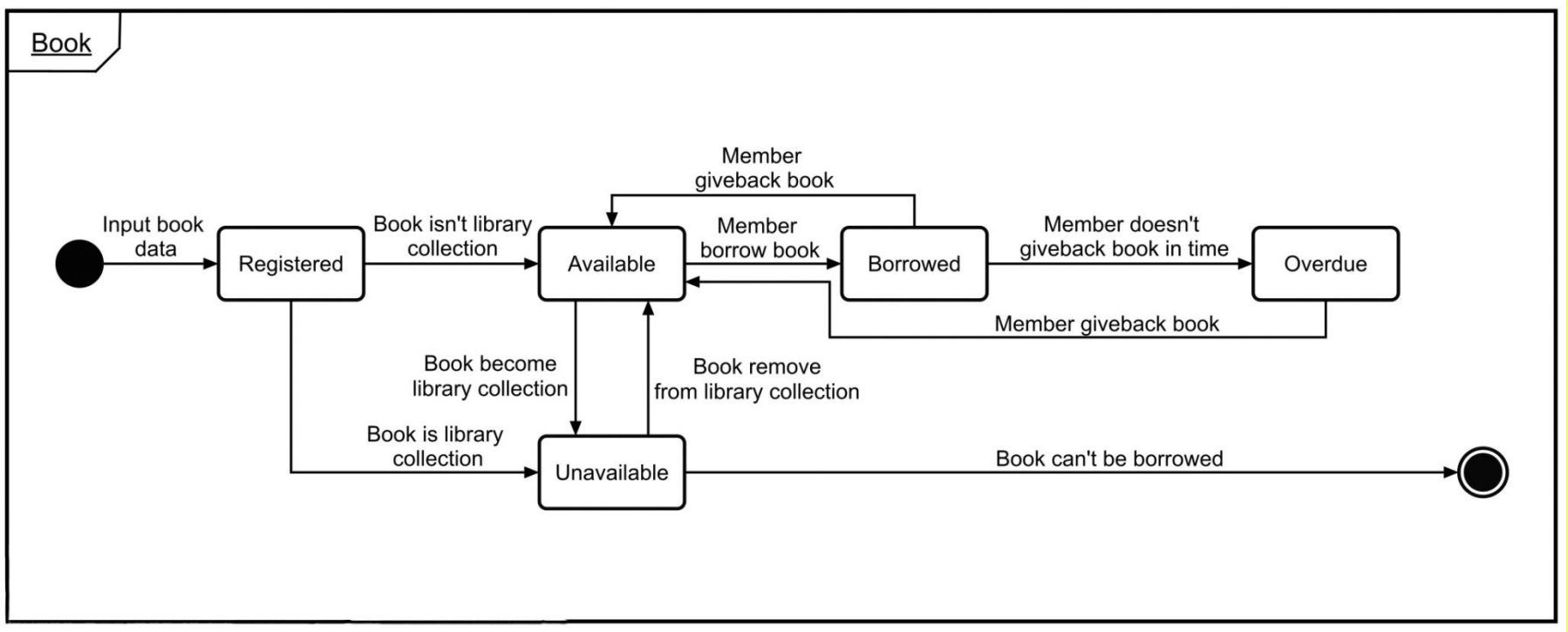
Class Diaram



Behavior State Machine

Behavior State Machine

[Book]



Thank you!

Group 6