
LIBRARY SYSTEM

Group A

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Problem Statement

The System

The Library system that a librarian can use to check out books for library members, and that an administrator can use to add new books to the collection, create new library members, and edit library member information.

Key features

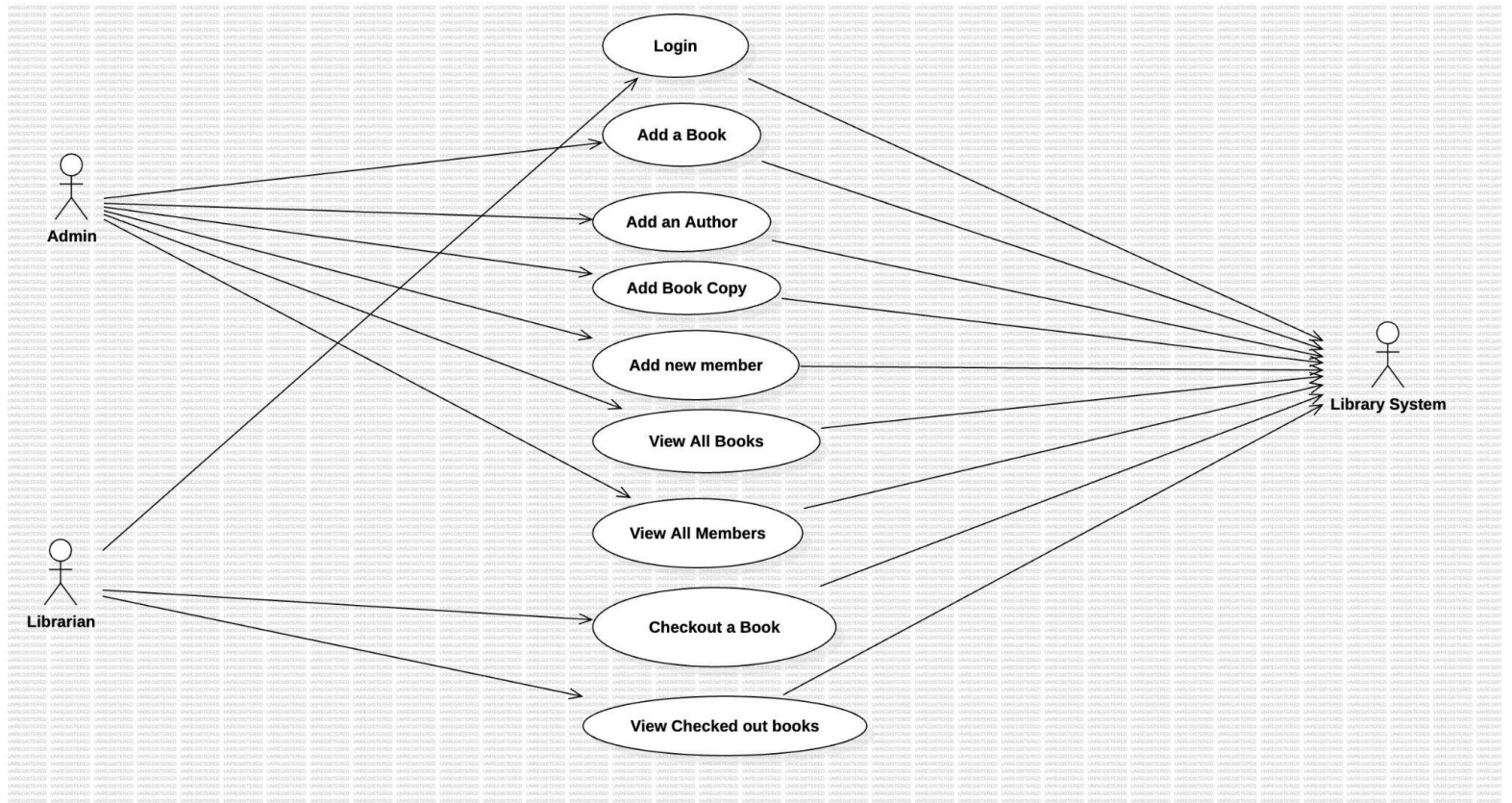
- Login (by both)
- Add Author (by Admin)
- Add Book (by Admin)
- Add Member (by Admin)
- View Members (by Admin)
- Checkout Book (by both)
- View Checkout Books(by both)
- Logout(by both)

Use Cases

Use Cases Implemented

- Login (by both)
- Add New Author (by Admin)
- Add New Book (by Admin)
- Add New Member (by Admin)
- View All Members (by Admin)
- Checkout A Book (by both)
- View All Checkout Books(by both)
- Logout(by both)

Use Case Diagram For Librarian and Admin

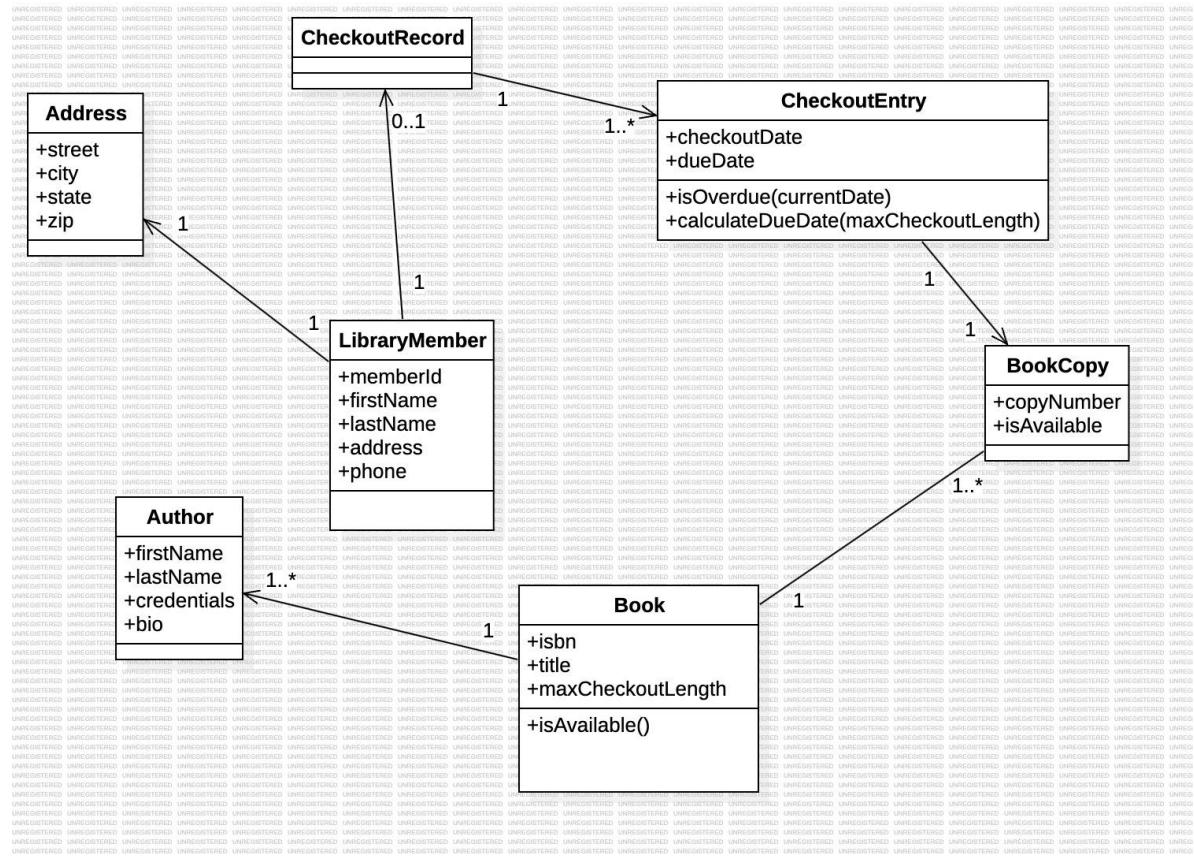


Use Case Diagram For Both Role



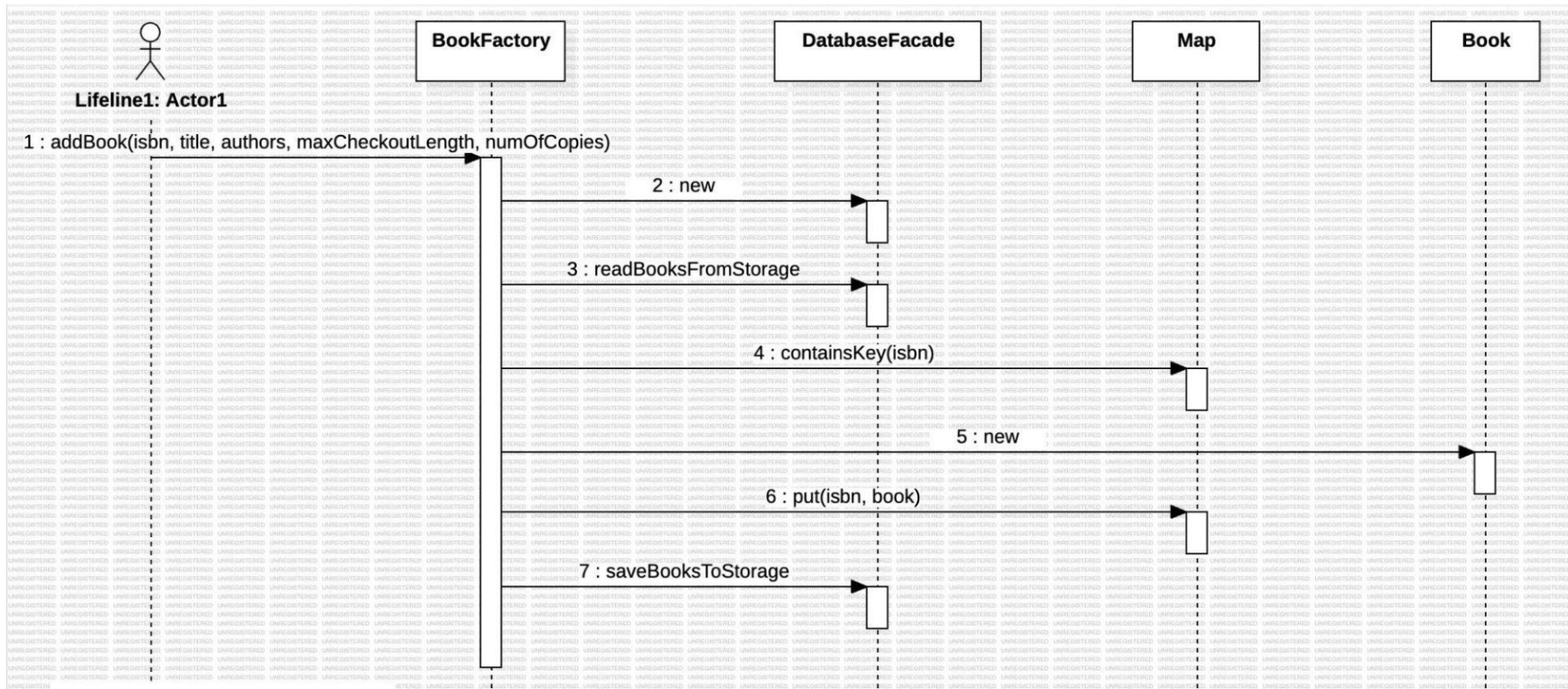
Final Detail Class Model

Library System Class Model With Attributes & Behavior

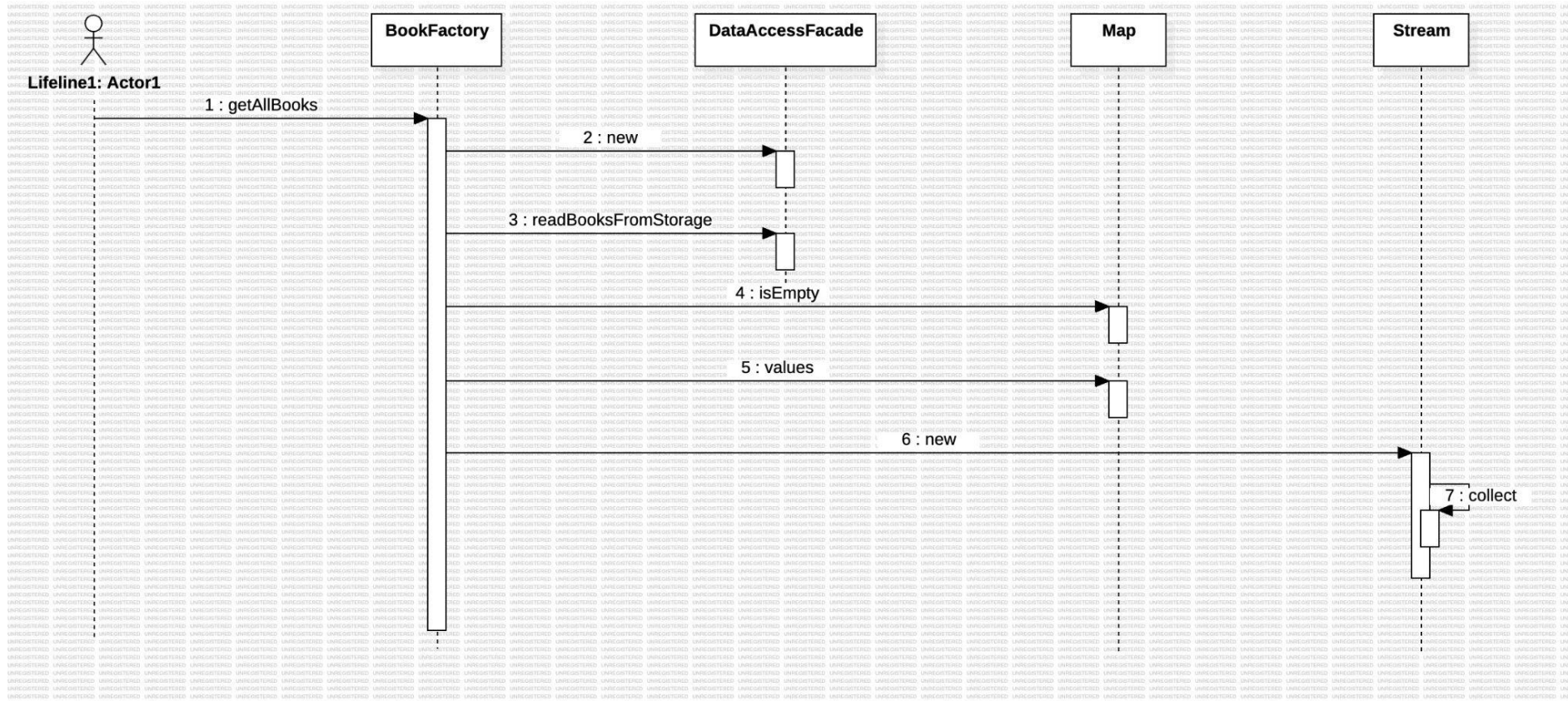


Sequence Diagrams

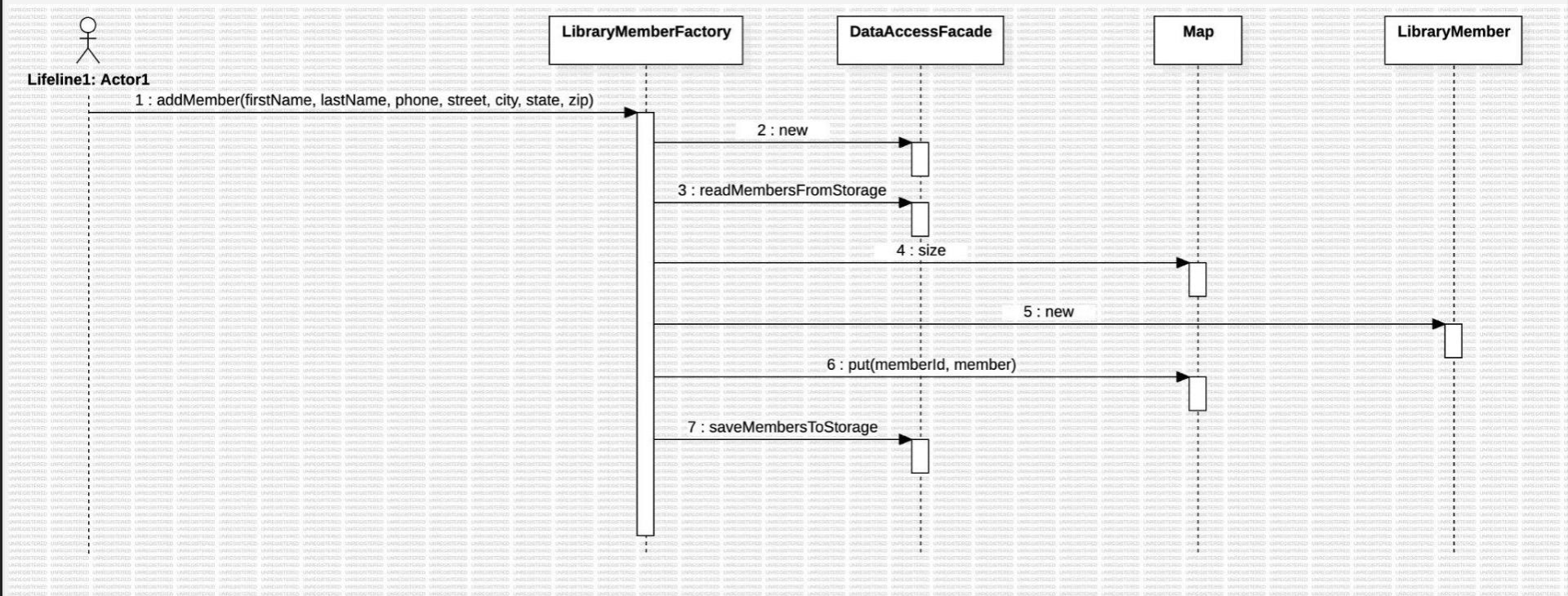
Sequence Diagram Add Book



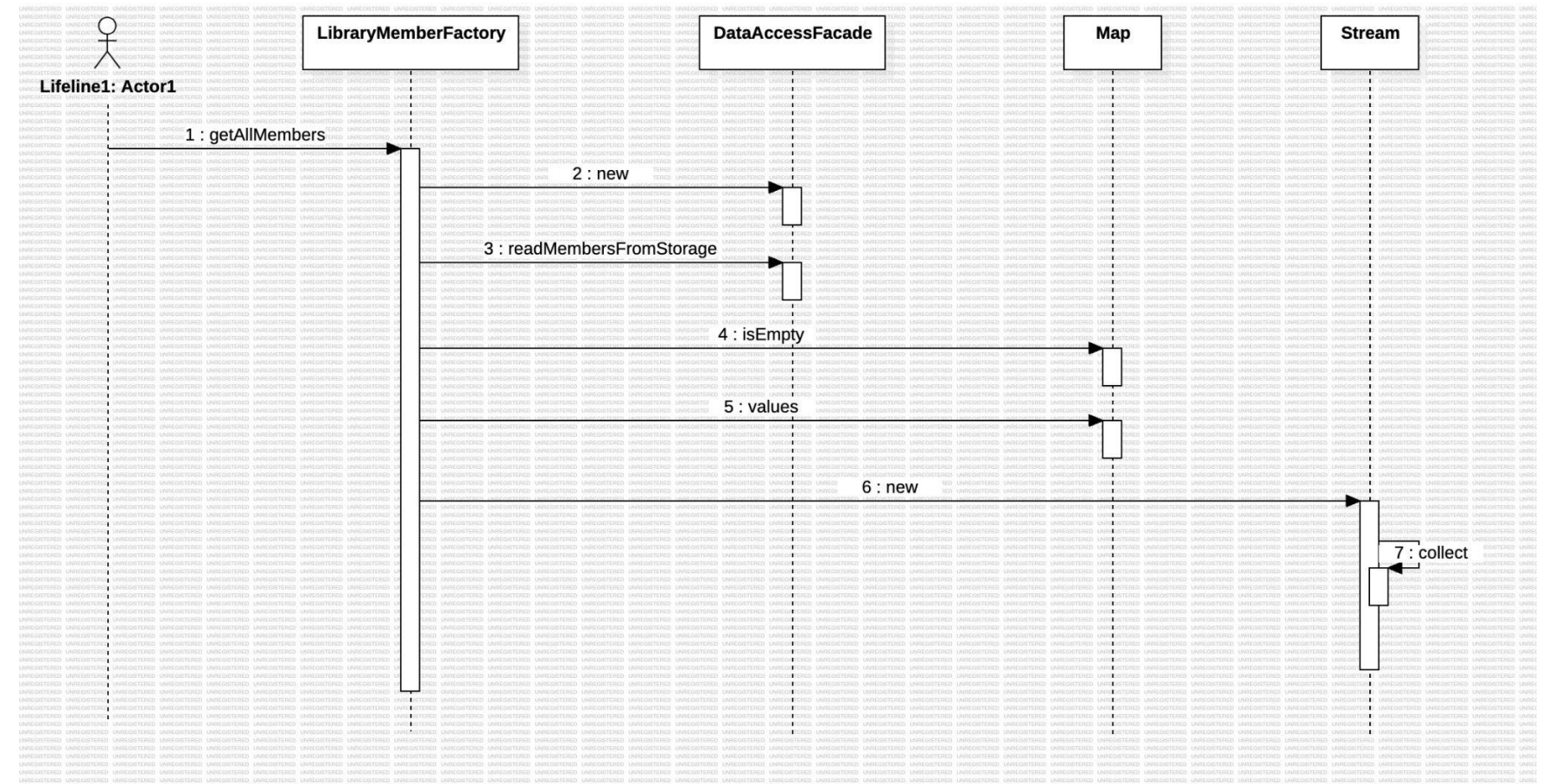
Sequence Diagram Get All Books



Sequence Diagram Add Member



Sequence Diagram View All Members



Connecting This Project With Wholeness of Knowledge

- From this project we learned about how different people can perform the same or different operations, as we can see in the application where users with different roles can access the application, unauthorized users can't access the application. This can be likened to our impulses within the transcendental field as it allows us makes use of every possibilities for creative ends. To achieve this level of creativity, constant meditation will open our minds to the fields of all possibilities.
- In a practical sense, the process of checking out a book and adding members in a library system could symbolically represent the flow of energy in life. The exchange of goods and services mirrors the exchange of thoughts and experiences within the mind. However, in pure consciousness, there is no attachment to the exchange; it simply happens as part of the natural flow. In the state of pure consciousness, actions are performed without attachment to results. They flow naturally, without egoic interference.



THANK
YOU

