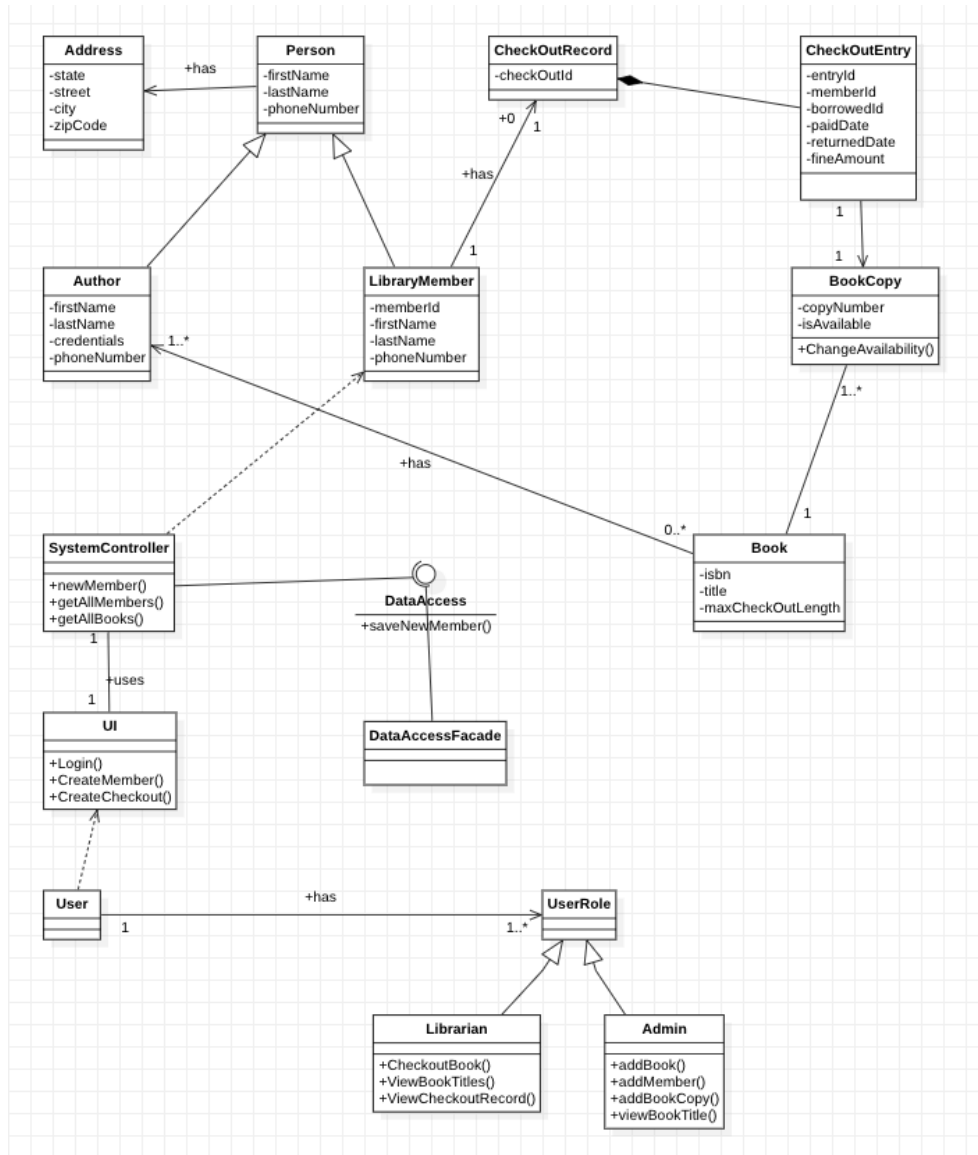
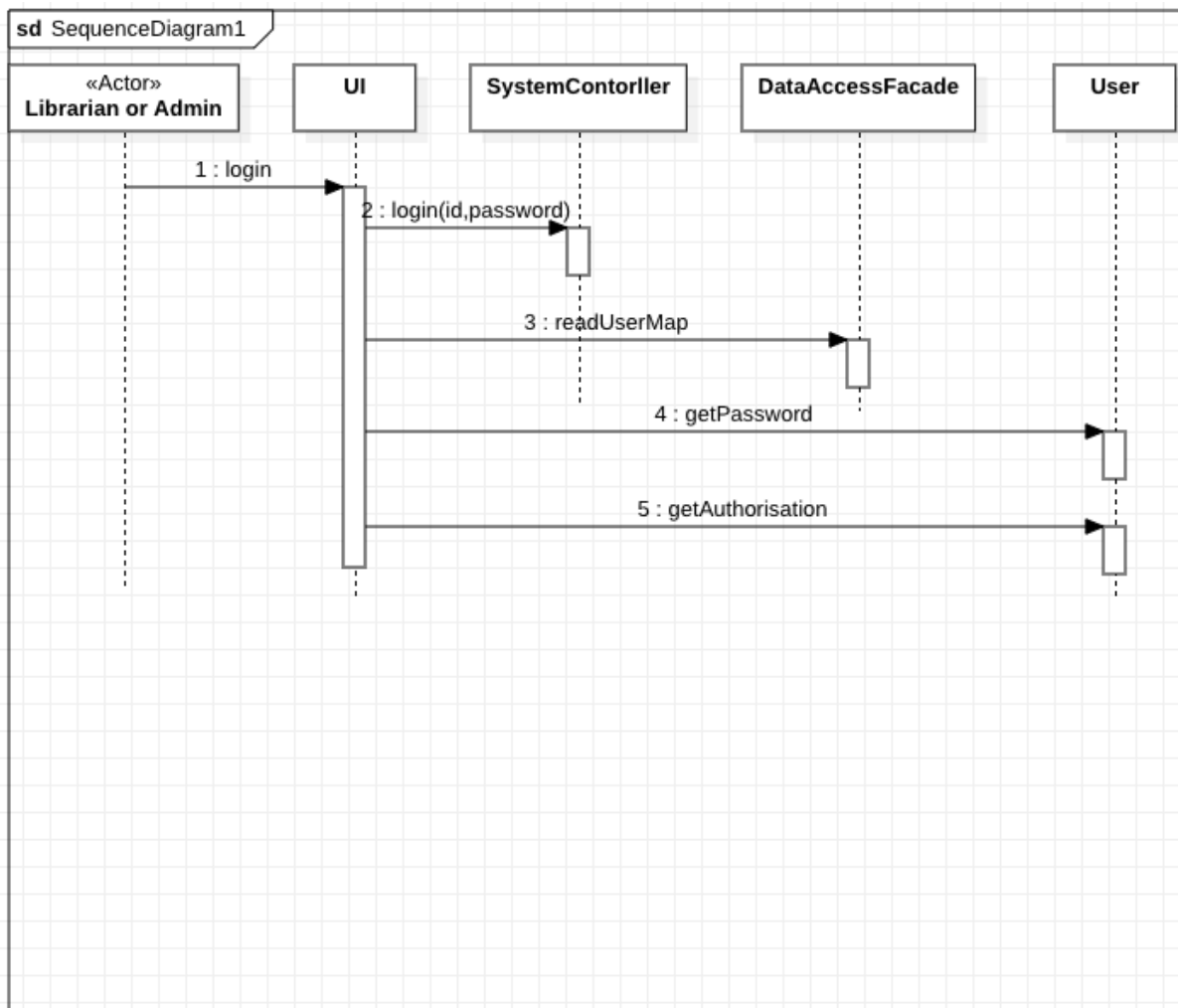


## Class Diagram

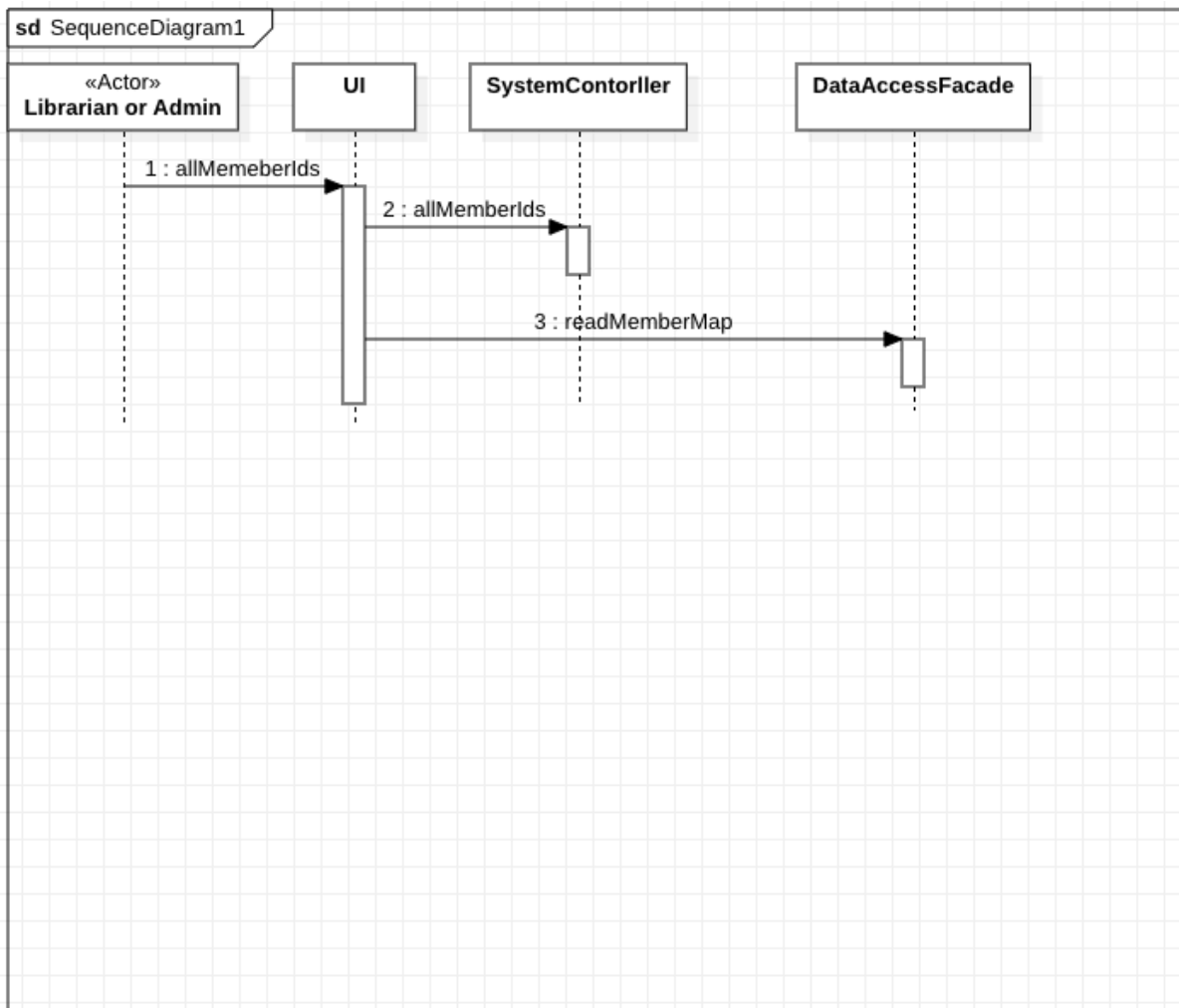


## Use cases (Sequence Diagram)

### 1. Login

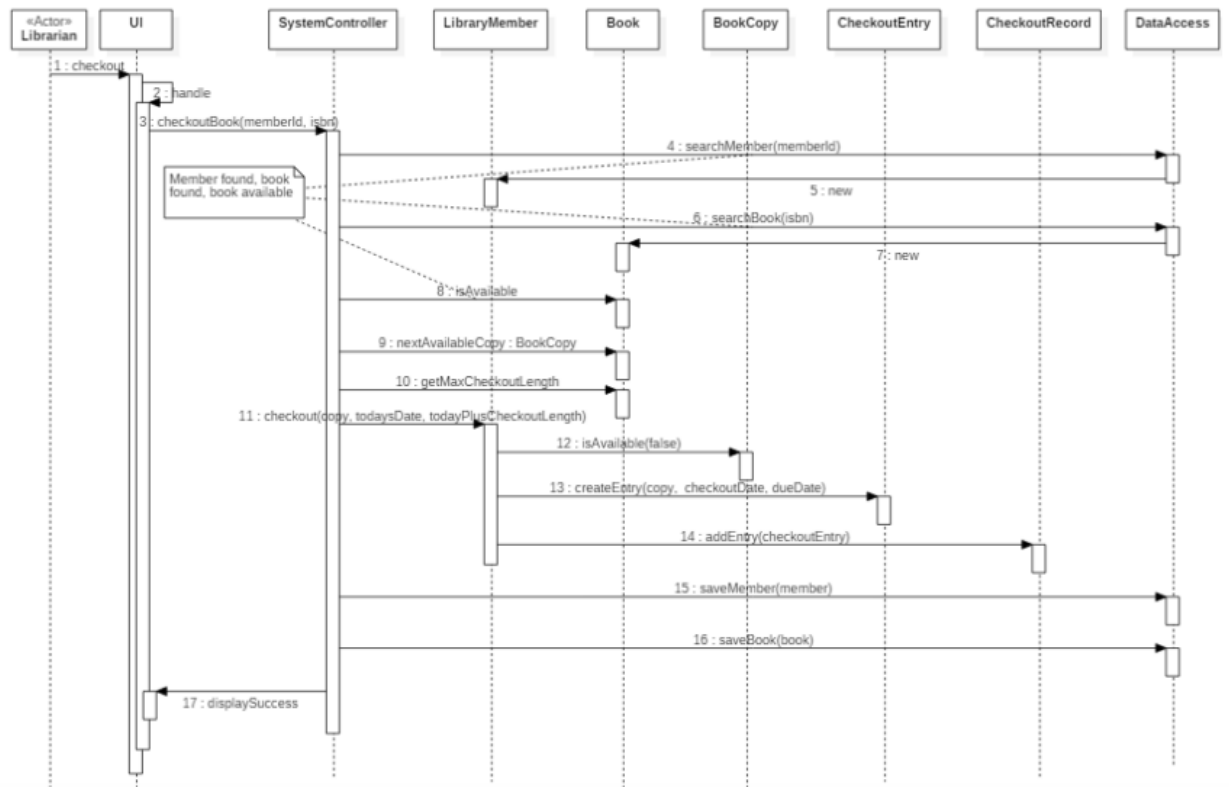


## 2. Add a new library member to the system.

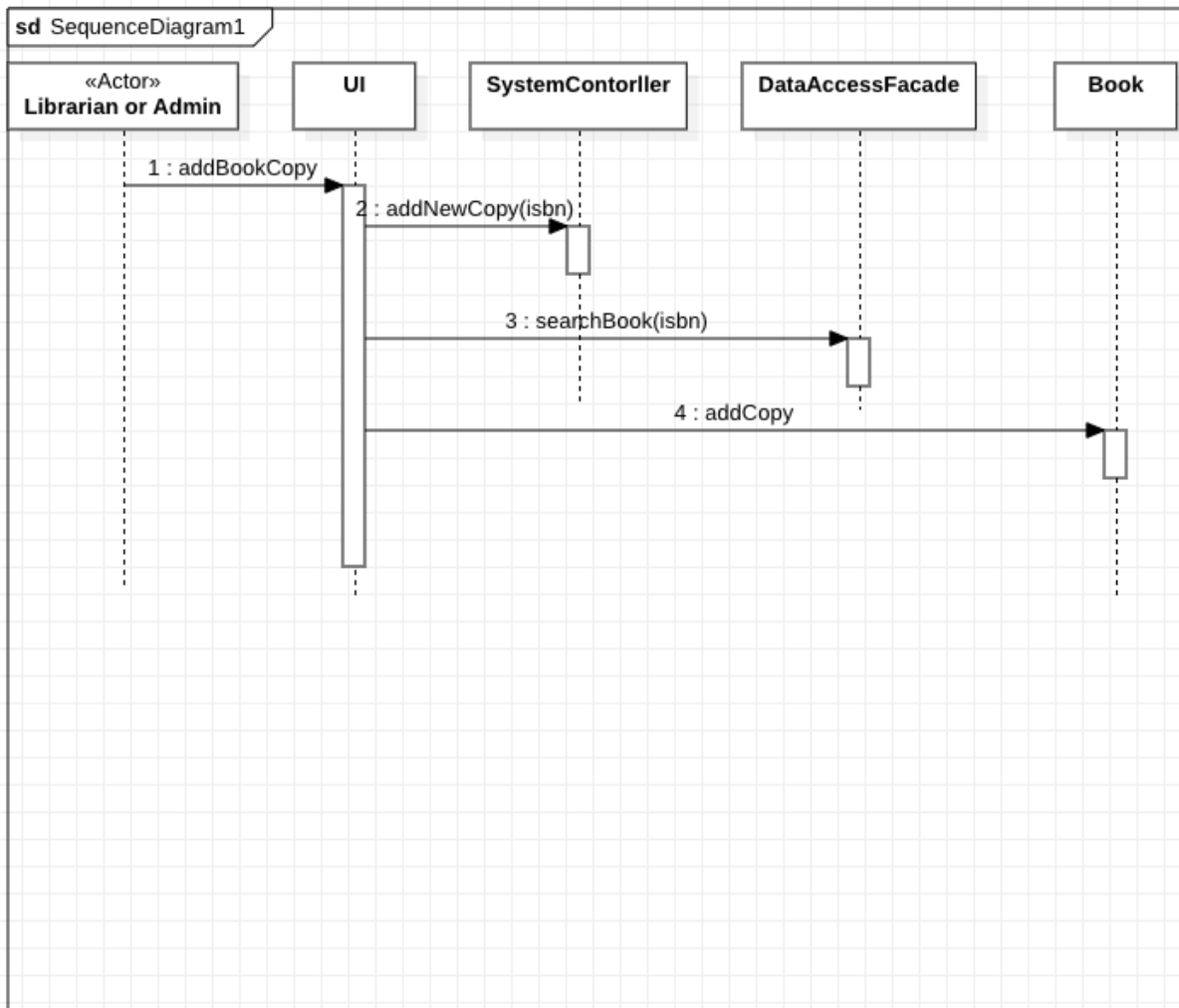


### 3. Checkout a book (if available) for a library member.

interaction Checkout Book

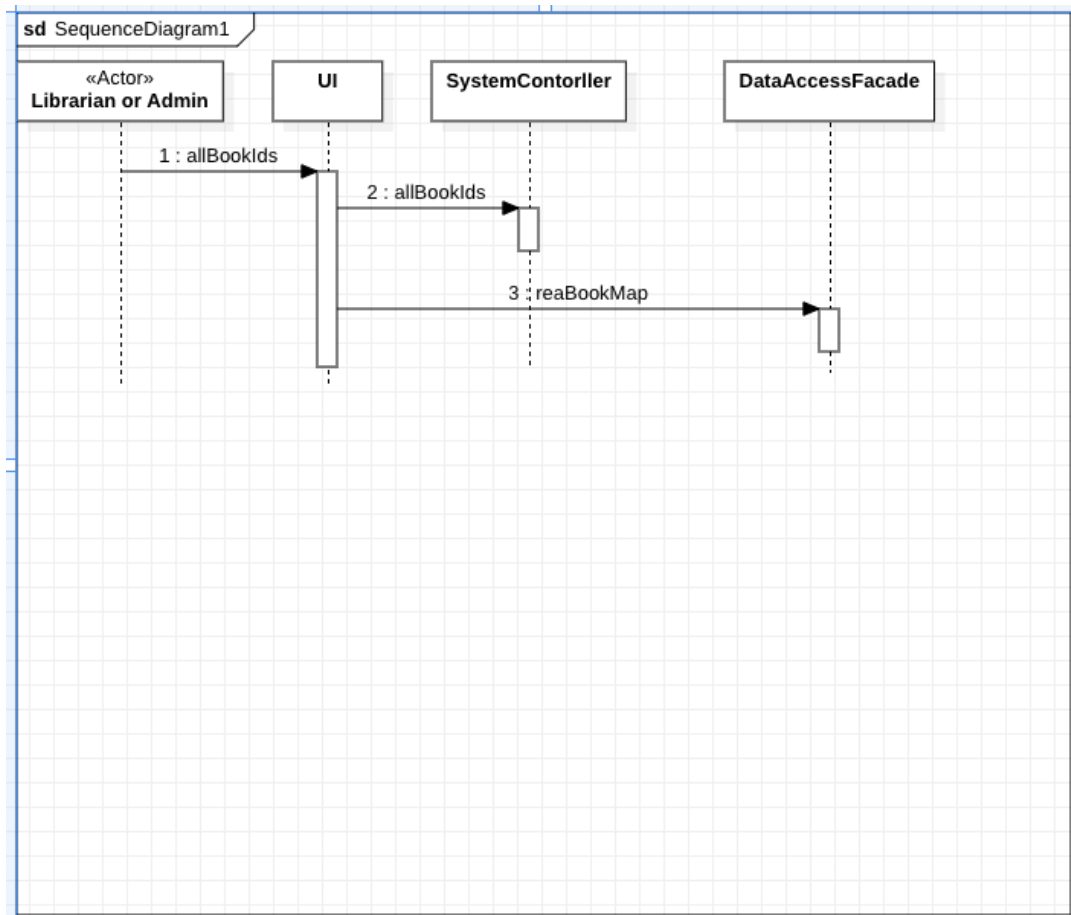


#### 4. Add a copy of an existing book to the library collection.



## Optional Use Cases

1. Add a book to the library collection.



2. Given a library member id, print (to console) the checkout record of that library member

