Use case scenarios

    I.   Register a library member
1. Actor gives the command to register a new library member
2. The actor enters the information of a new member (first name, last name, phone, address, member type, payment option)
3. The system shows the information of the new library member (including member id)
4. The actor confirms the registration for a new library member
5. The system shows a successful message

    II.   Checkout
1. Actor scans the library card of the library member with the scanner
2. The system shows library member information (full name, phone, address, member type, checkout records due, payments due)
3. The actor gives the command to check out a book
4. The system shows the message to scan the book
5. The actor scans the book with the scanner or enters the book Id
6. The system shows the due date and overdue fee for the checkout
7. The actor confirms the checkout with the information of the member and book
8. The system updates the availability of the book
9. The system adds a new checkout record
10. The system shows a successful message

    III.   Checkin
1. Actor scans the library card of the library member with the scanner
2. The system shows library member information (full name, phone, address, member type, checked-out records, payments due)
3. The actor gives the command to check-in books
4. The system shows the message to scan the book or enter book id
5. The system shows the checkout record information including library member, due date, and overdue fee

6. The actor confirm check-in book
7. The system updates the availability of the book
8. The system updates the checkout record (check-in date)
9. The system shows a successful message