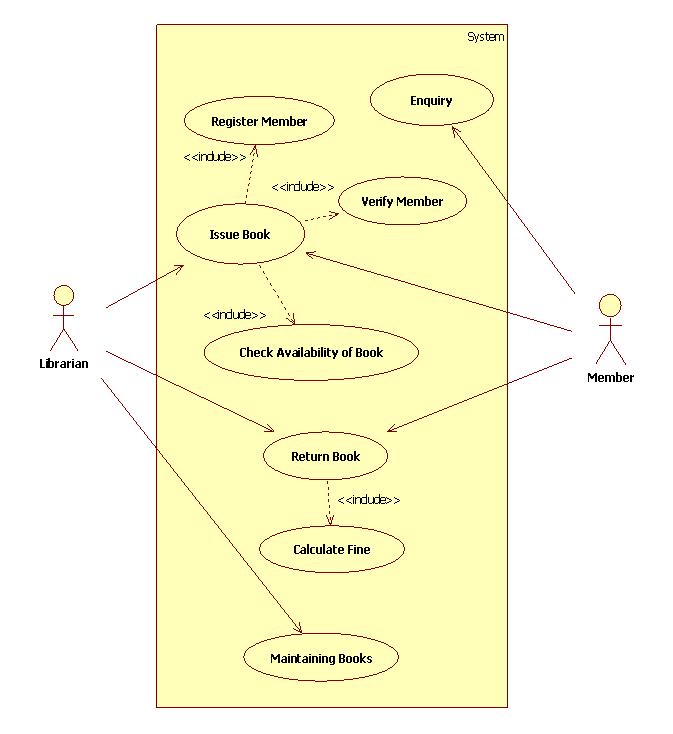
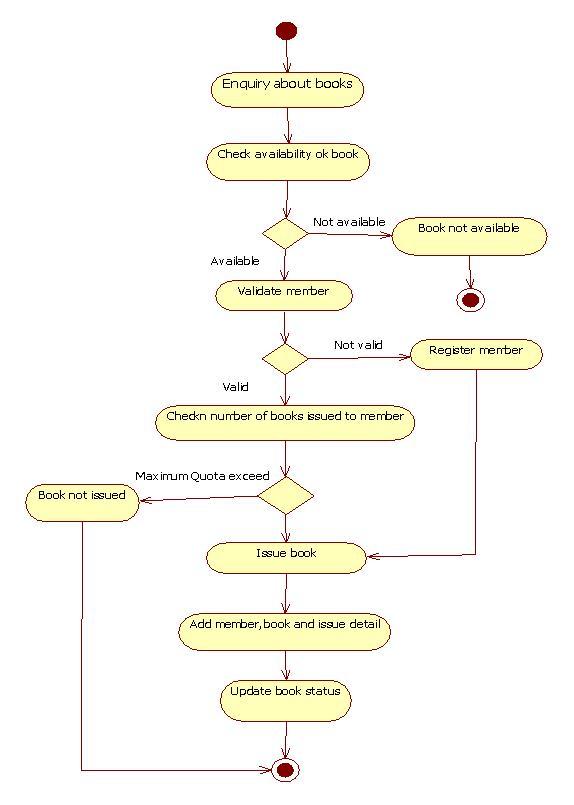
**CASE STUDY:**

**Library Management System.**

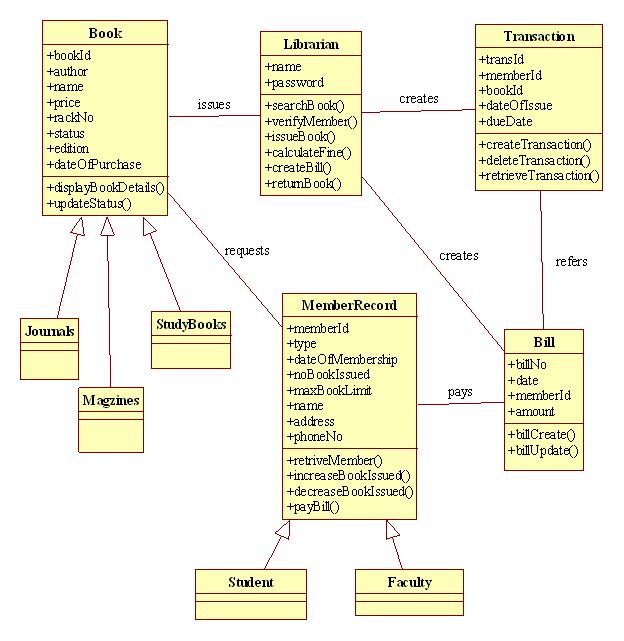
**Use Case Diagram:-**



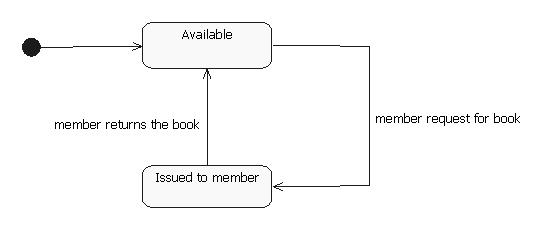
**Activity Diagram for Return Book in Library:-**



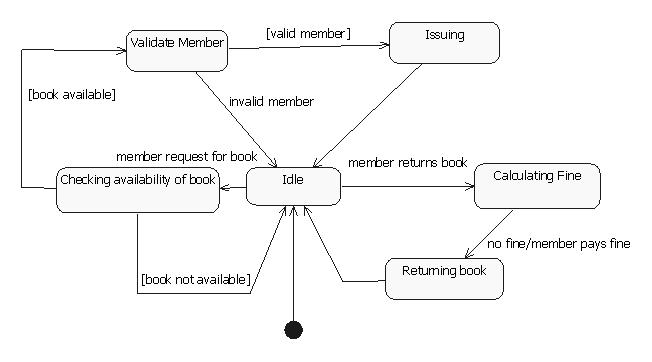
**Class Diagram for Library System:-**



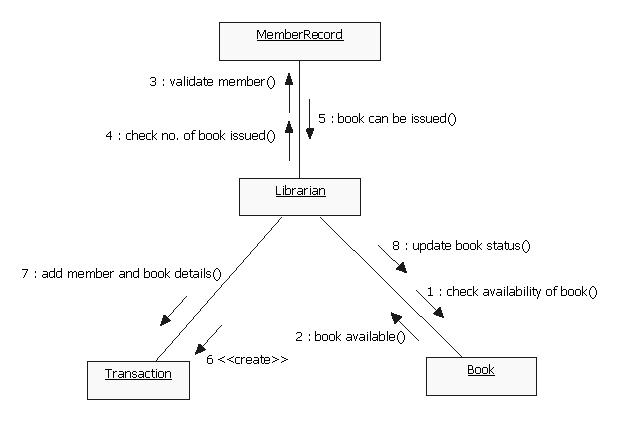
State diagram for Book:



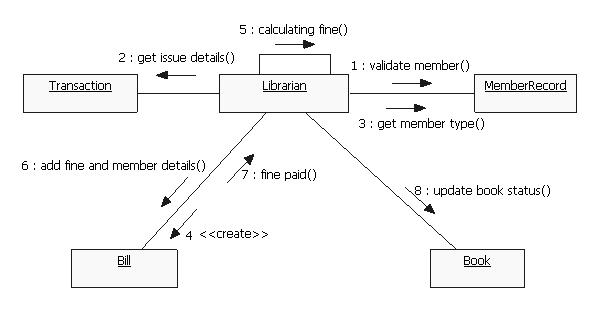
State diagram for Librarian:



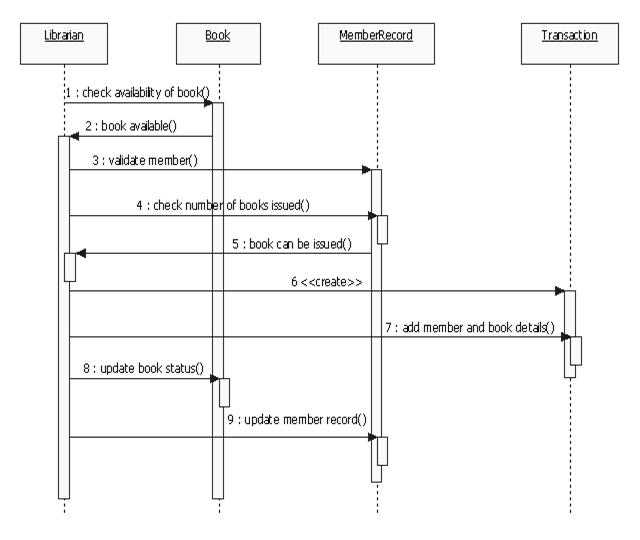
Collaboration diagram for issuing Book:



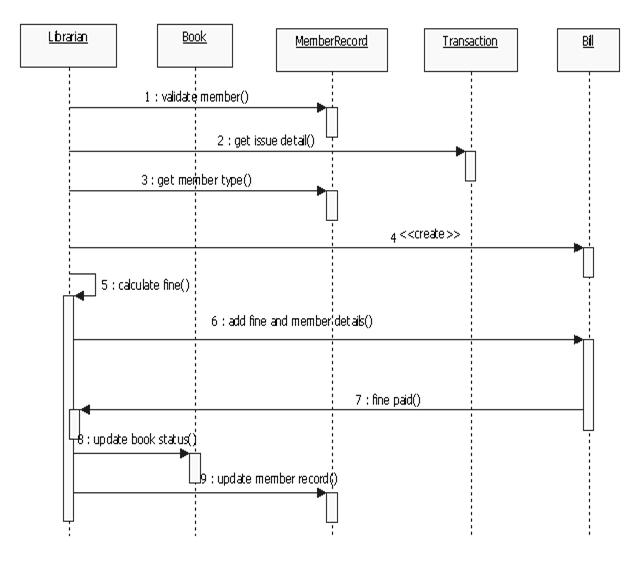
Collaboration diagram for returning Book:



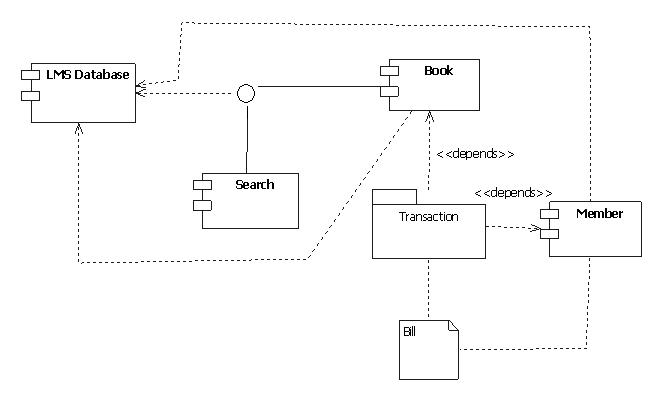
Sequence diagram for issuing book:



Sequence diagram for returning book:



Component diagram for Library Management System:



**Deployment Diagram for Library management system:-**

