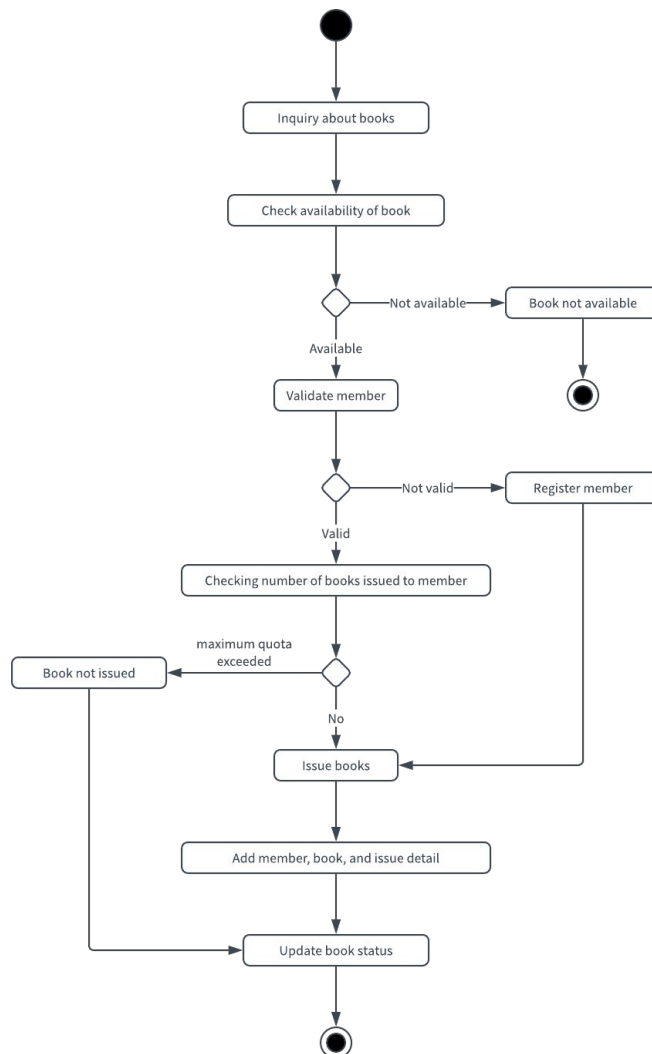


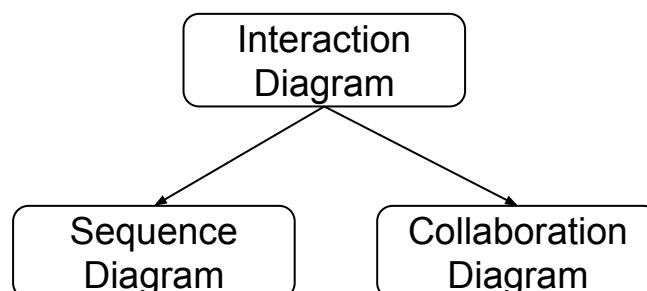
Behavioral UML diagrams

Activity Diagram:

- The activity diagram used to describe flow of activity through a series of actions.
- Activity diagram is a important diagram to describe the system. The activity described as a action or operation of the system.
- It represents the series of activities that can be performed during the execution of the application.

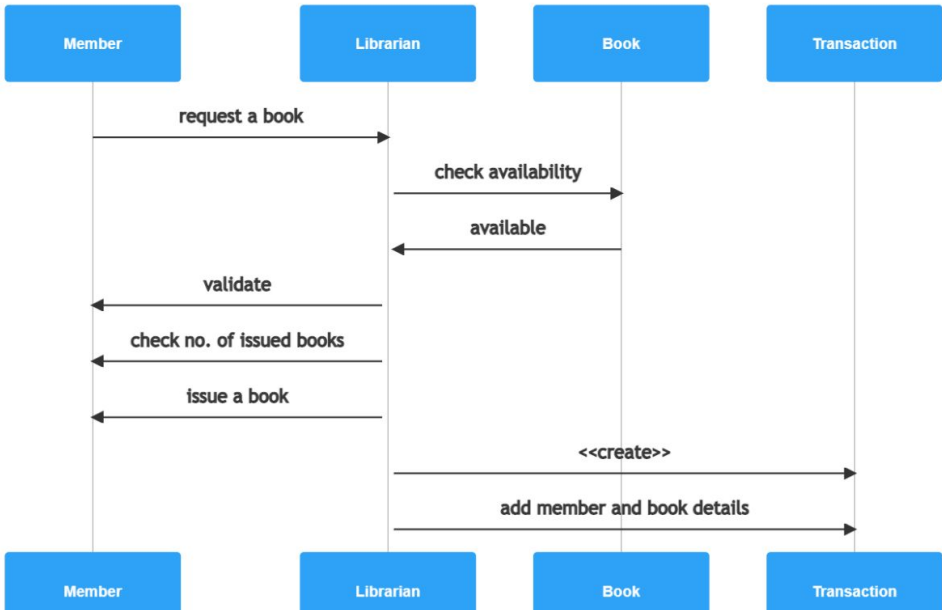


Interaction Diagram are majorly classified into **Sequence** and **Collaboration diagram**.



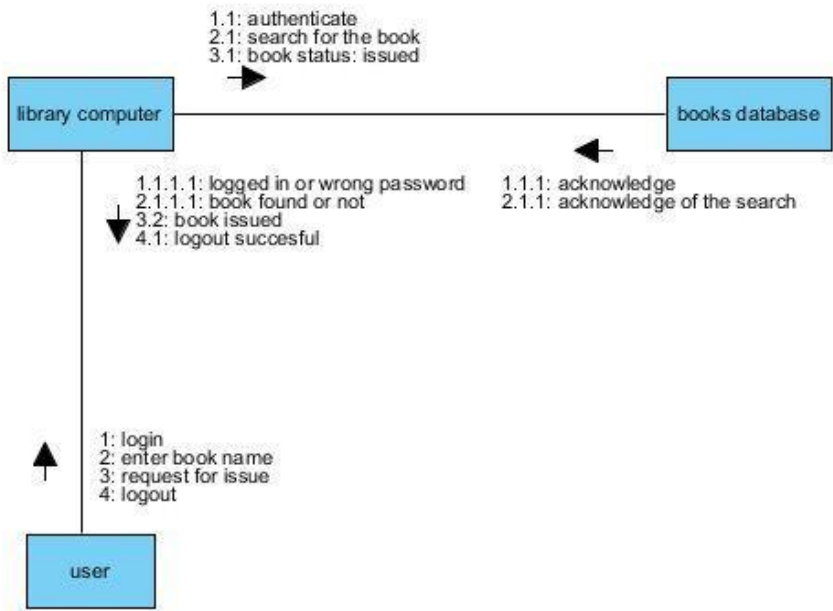
Sequence Diagram:

- Sequence diagrams are a type of Universal Modeling Language (UML) diagram.
- They're used to show how objects in a system work together over time. A sequence diagram helps the designer of a system visualize and understand the order in which these interactions occur. This can make it easier to identify potential problems and optimize how everything works.



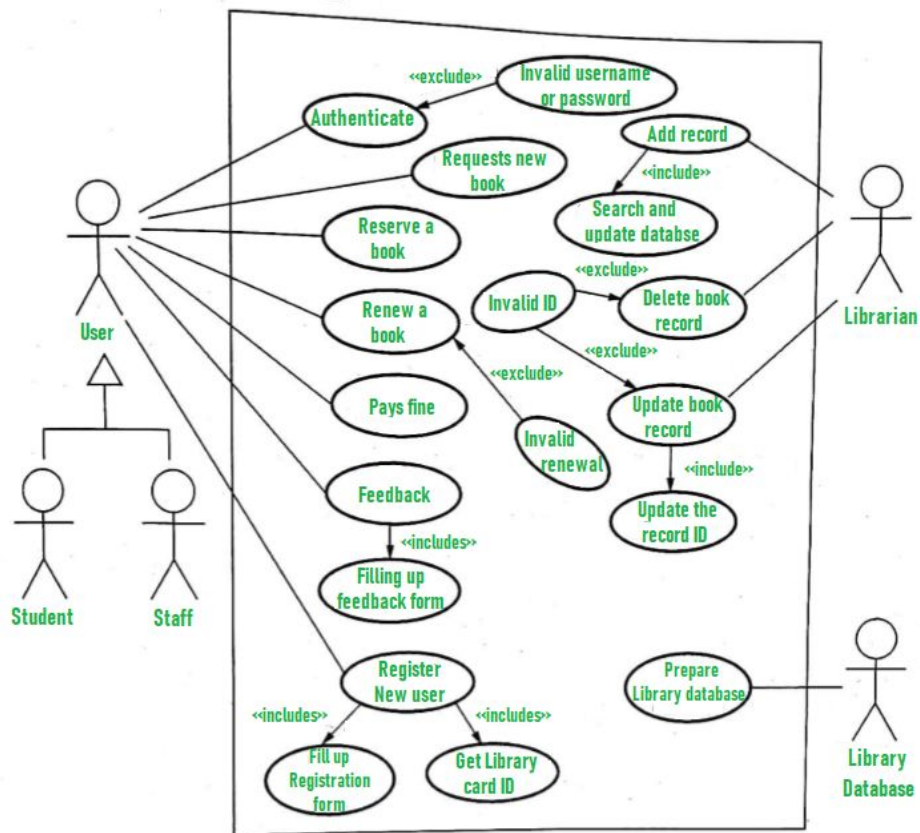
Collaboration Diagram:

- Collaboration diagram are a type of Universal Modeling Language (UML) diagram.
- They are basically used to show the collaboration and interaction between different functions, user and clients etc.
- It shows how an interaction occurs between the above mentioned entities.



Use Case

- As you can see the diagram clearly shows the user case scenarios.
-
- What a user can perform depending on how it is registered (student or staff)



Equivalence Class Partitioning for length of password

