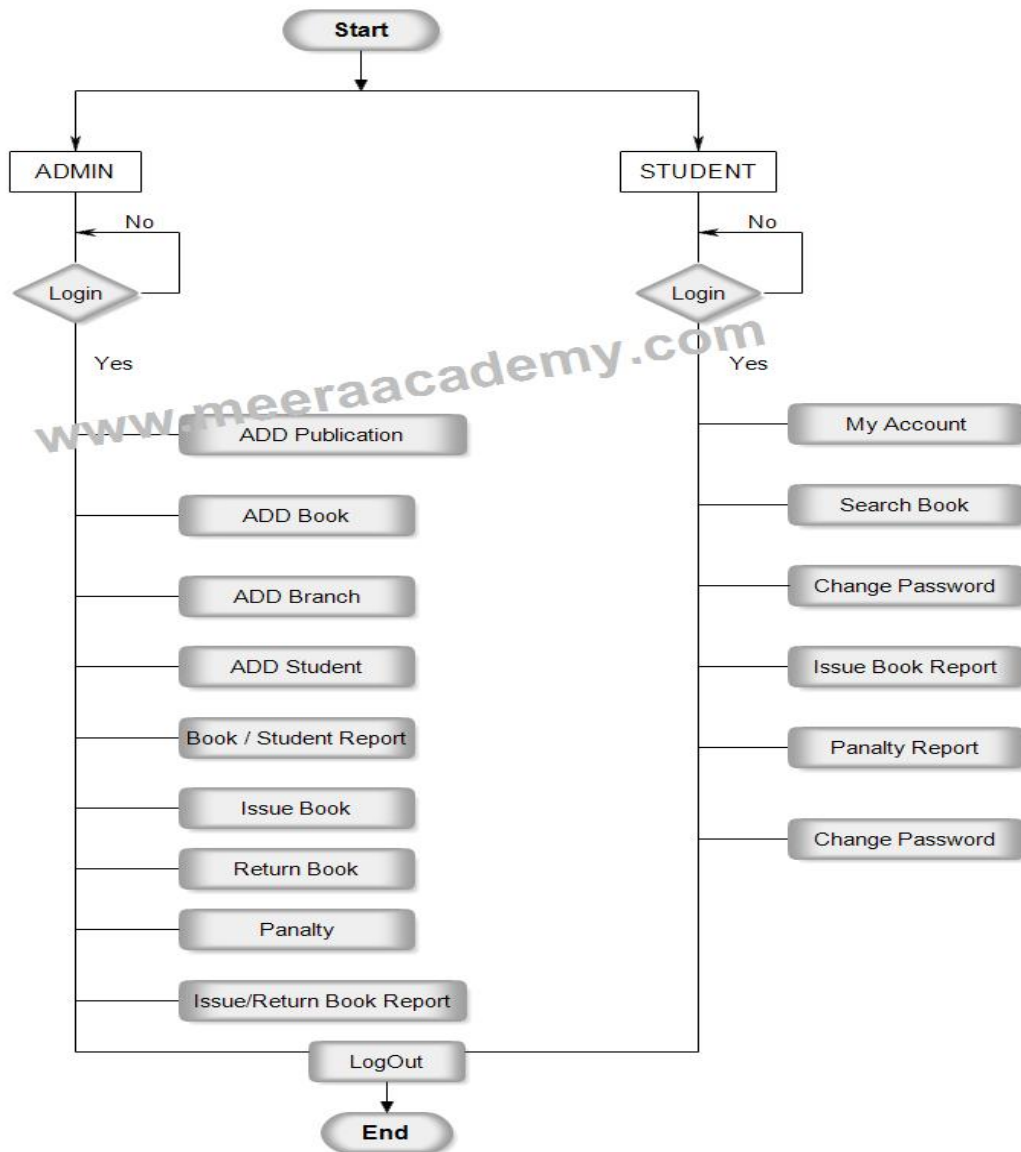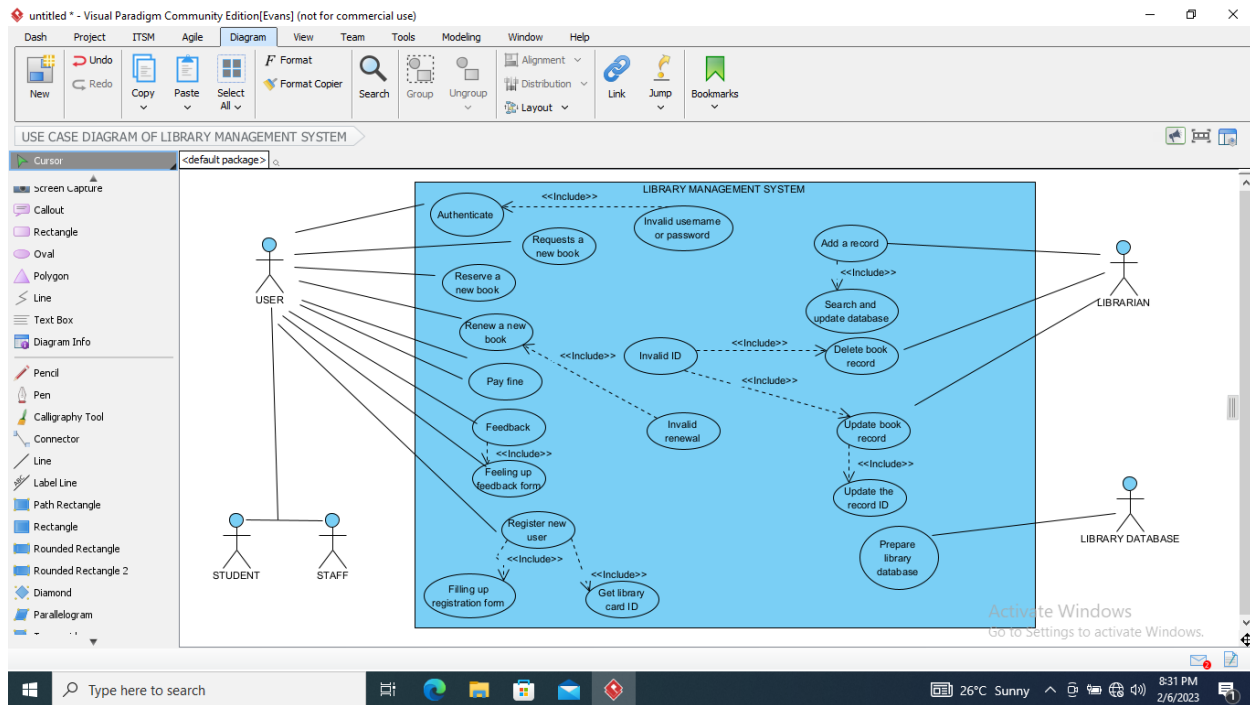# *LIBRARY MANAGEMENT SOFTWARE*

Main objective is to come up a good and more reliable library management system

Flow Chart - Library Management System

Use Case Diagram of Library Management System

Sequence Diagram of Library management system
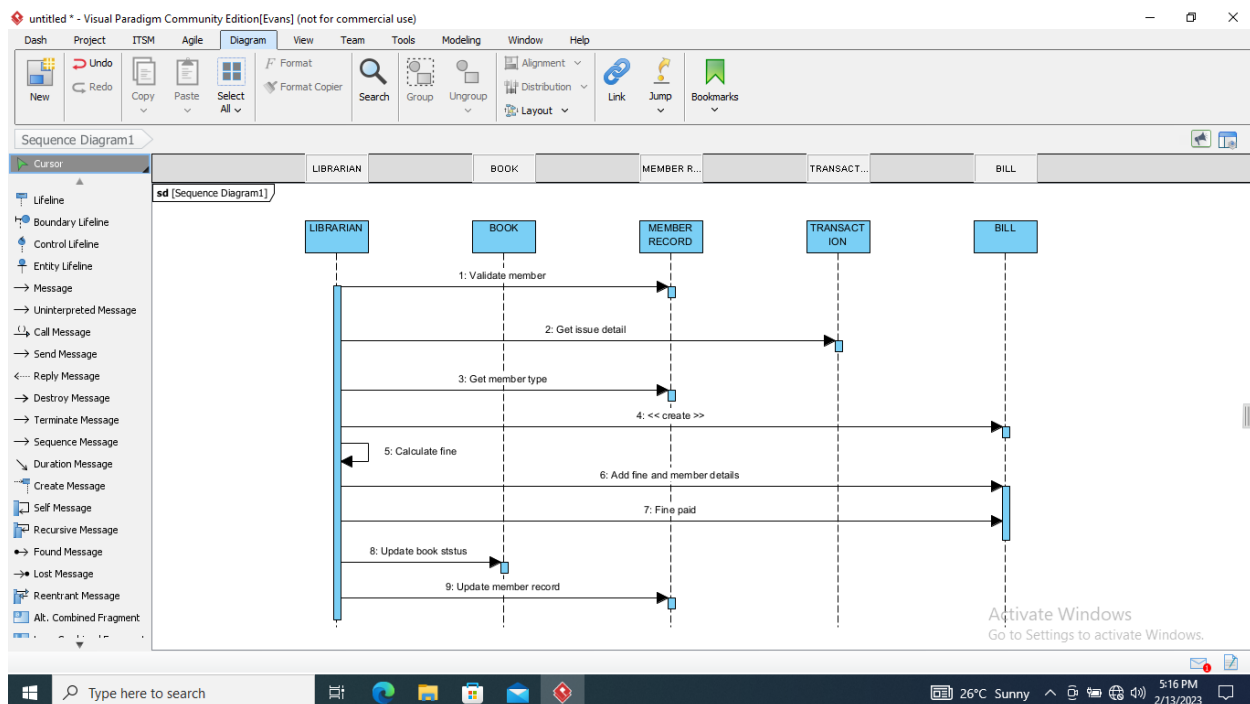
Deployment Diagram of Library Management System
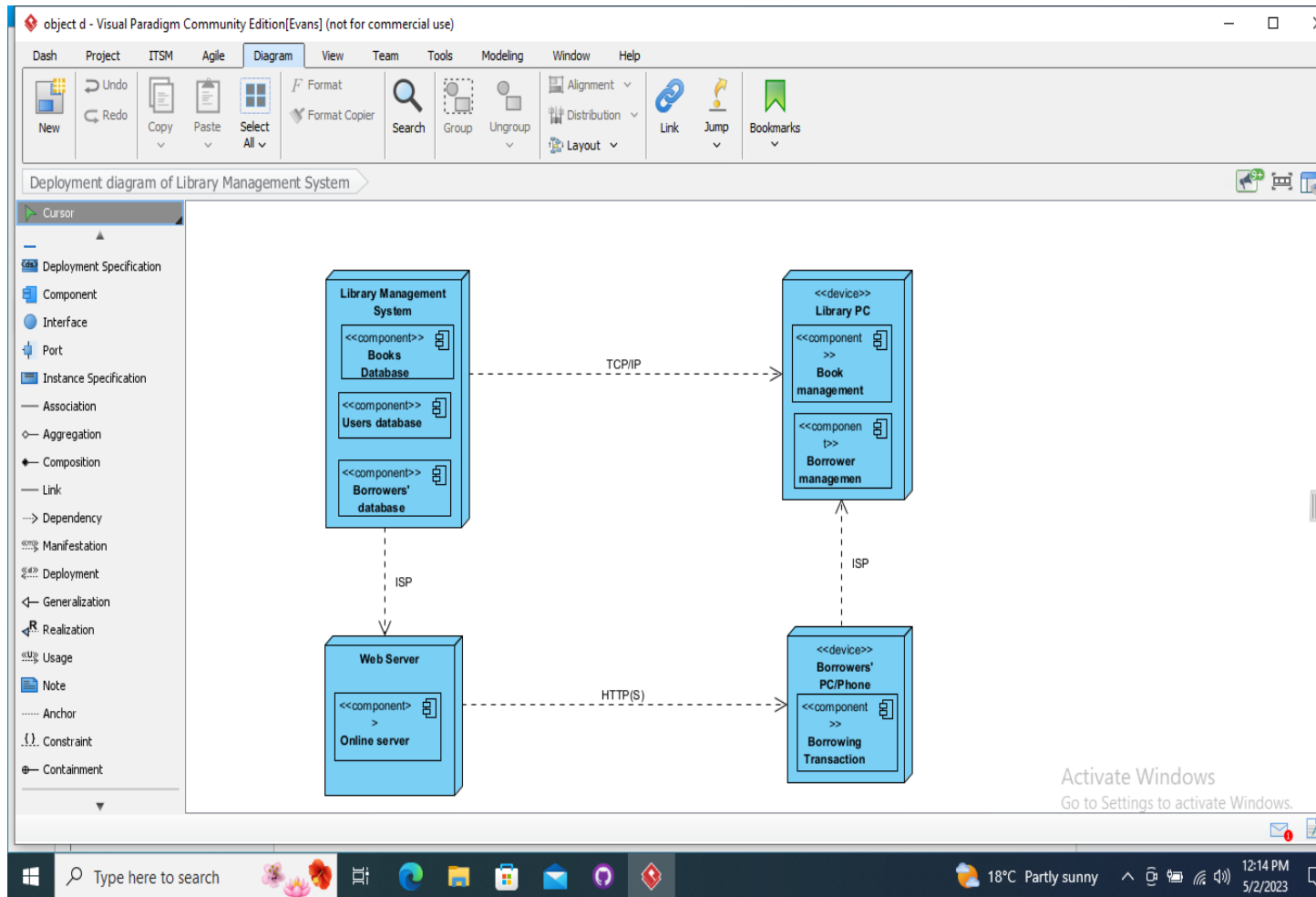
The Context Model of Library Management System

This consists of primary processes, users, and data flows. It delineates the boundary between the system and its surroundings.
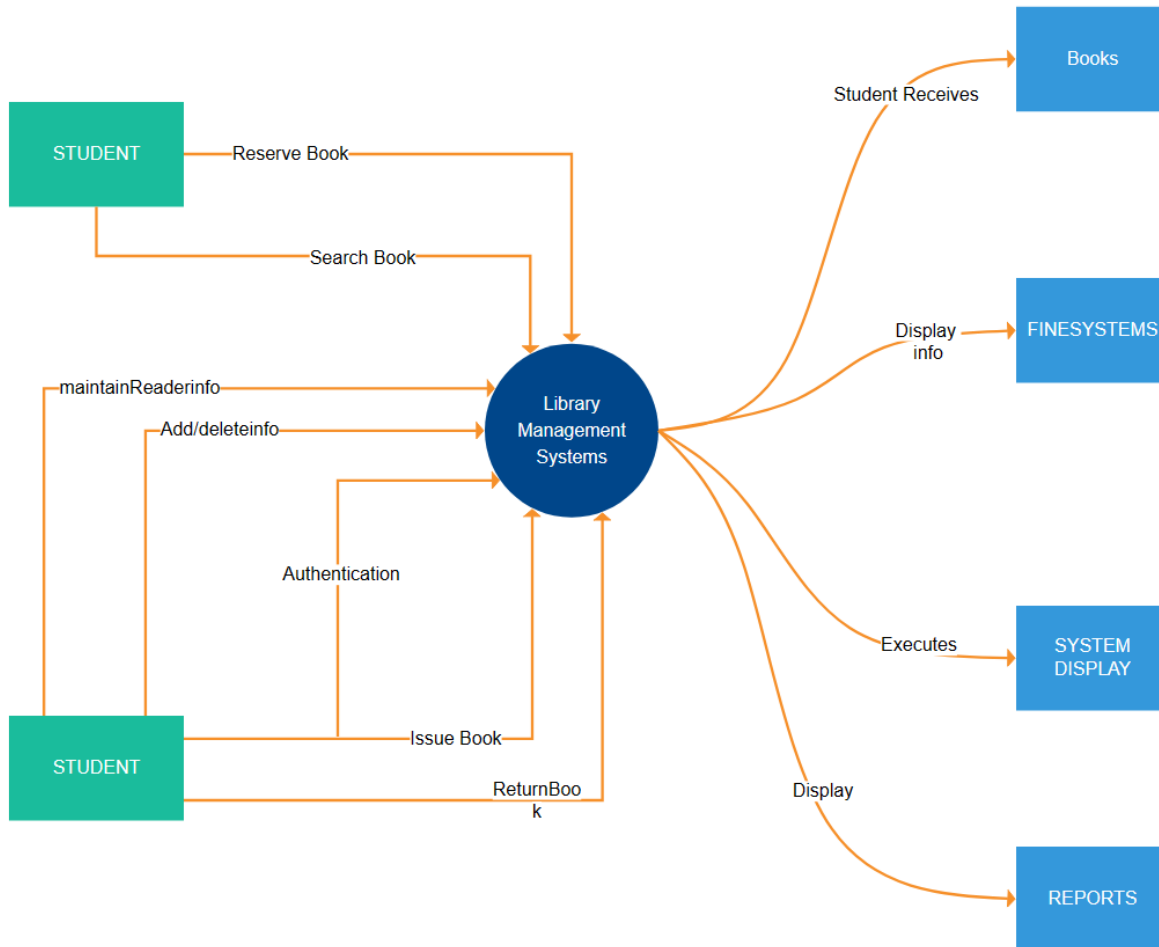
Interaction Model of Library Management System
This entails the interaction between the system being developed and other systems or interaction between the components of the system
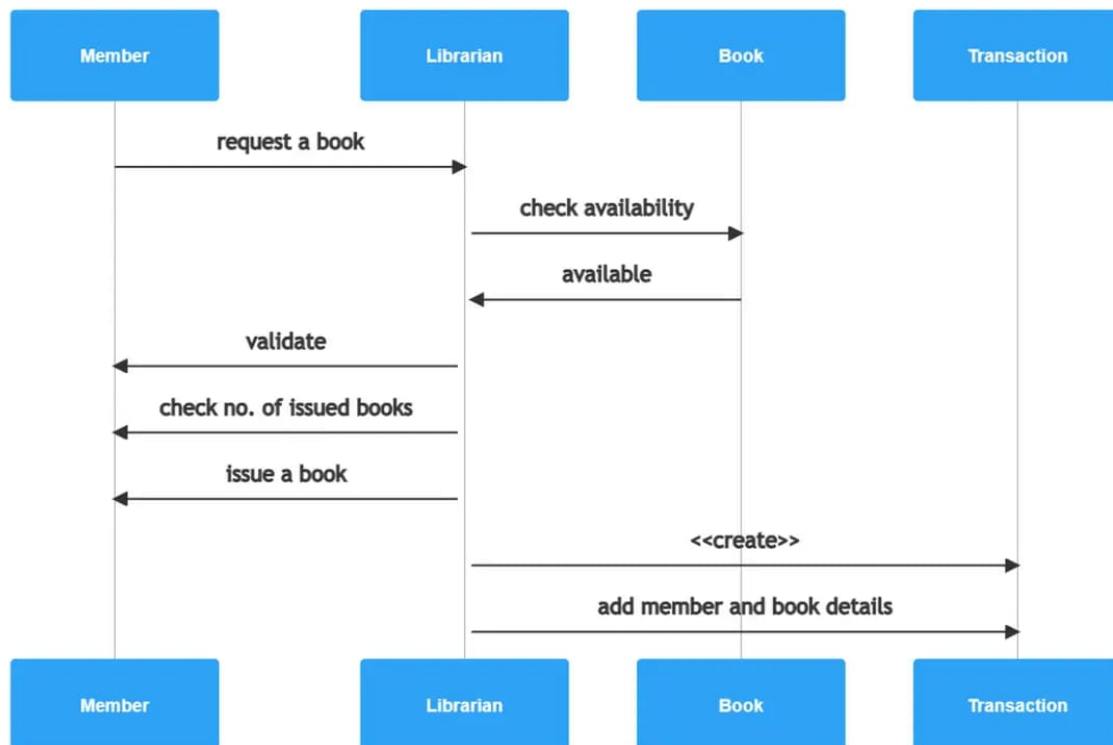
Structural Model of Library management System

This type of model displays the organization of the system in terms of the components that make up the respective system and their relationships. It may be static models which show the structure of the system design or dynamic models, which show the organization of the system when it is executing.
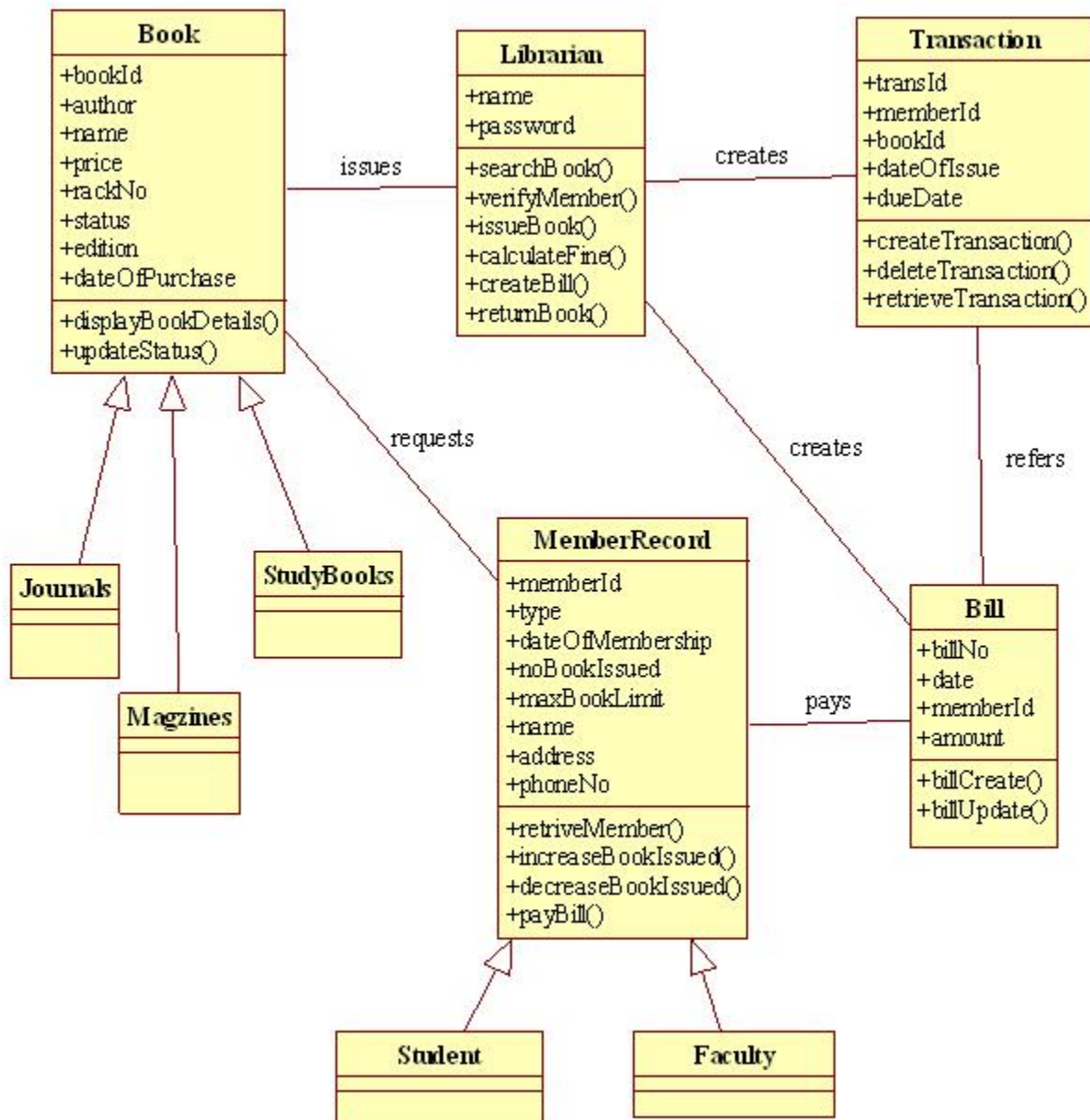
Behavioral Model of Library Management System

This is the model of models of the dynamic behavior of the system as it is executing. It shows what happens or what is supposed to happen when a system responds to a stimulus from its environment

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                      ┌───────────────┐
                      │  Enquiry about │
                      │     books      │
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                      │Check availability│
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                              ◇──── Not Available ────┐   ┌───────────────┐
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                         Available                         │   available    │
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                      │ Check number of books│                 │
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   │  issued   │          Available                            │
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         │            │and issue details│
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