

E-book Management System

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PROBLEM STATEMENT

AIM:

To write Problem statement for E-Book management system.

PROBLEM STATEMENT:

E-book management is a process which facilitates access, review and purchase of digital books for users.

Our E-book management system involves the following processes:

A user who wishes to read a book has to first log into the system (Website / App) using their log-in ID and password. If the log-in credentials are wrong an error will pop-up. If user is new, he/she can fill up the sign-up form after reading the policies and, terms and conditions.

The user can then visit their library or the digital catalogue. The user can sort/search books by:

- Genre
- Language
- Age Group

In the catalogue, user can preview the e-books. Info such as Author, publisher, user and critic ratings, etc. also available. If liked, they can then be Purchased or rented using various methods. Once paid, the book will be visible in the user library.

In the library, the user can read, delete and download previously bought e-books. Pages can be bookmarked as well.

RESULT:

Thus, the problem statement for E-book management system is written.

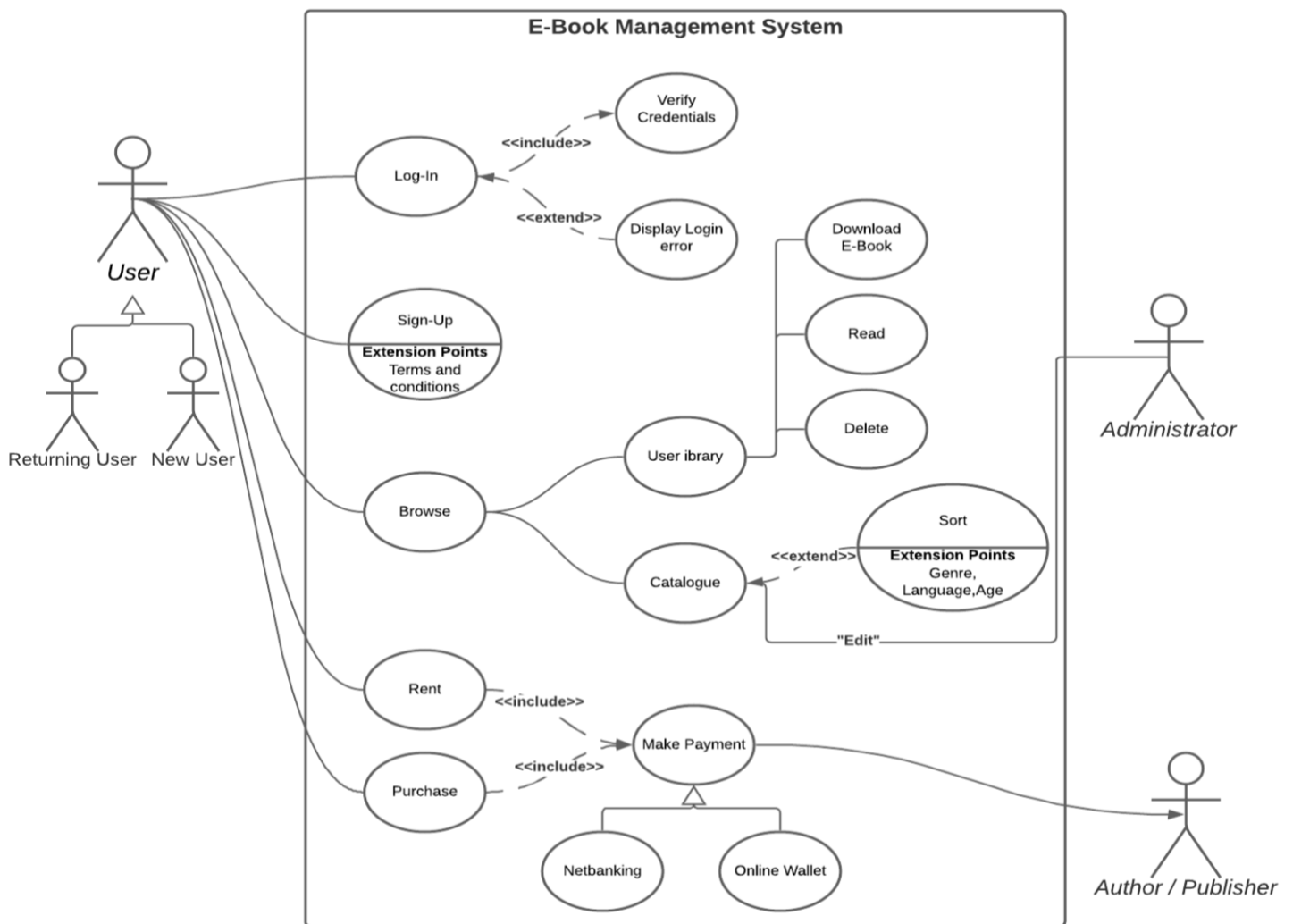
USE CASE DIAGRAM

AIM:

To draw use case diagram for E-Book management system.

DIAGRAM:

ACTORS	SCENARIO
User	Login, select and read books
Administrator	Manage and modify books
Author/Publisher	Publish books and receive payments



RESULT:

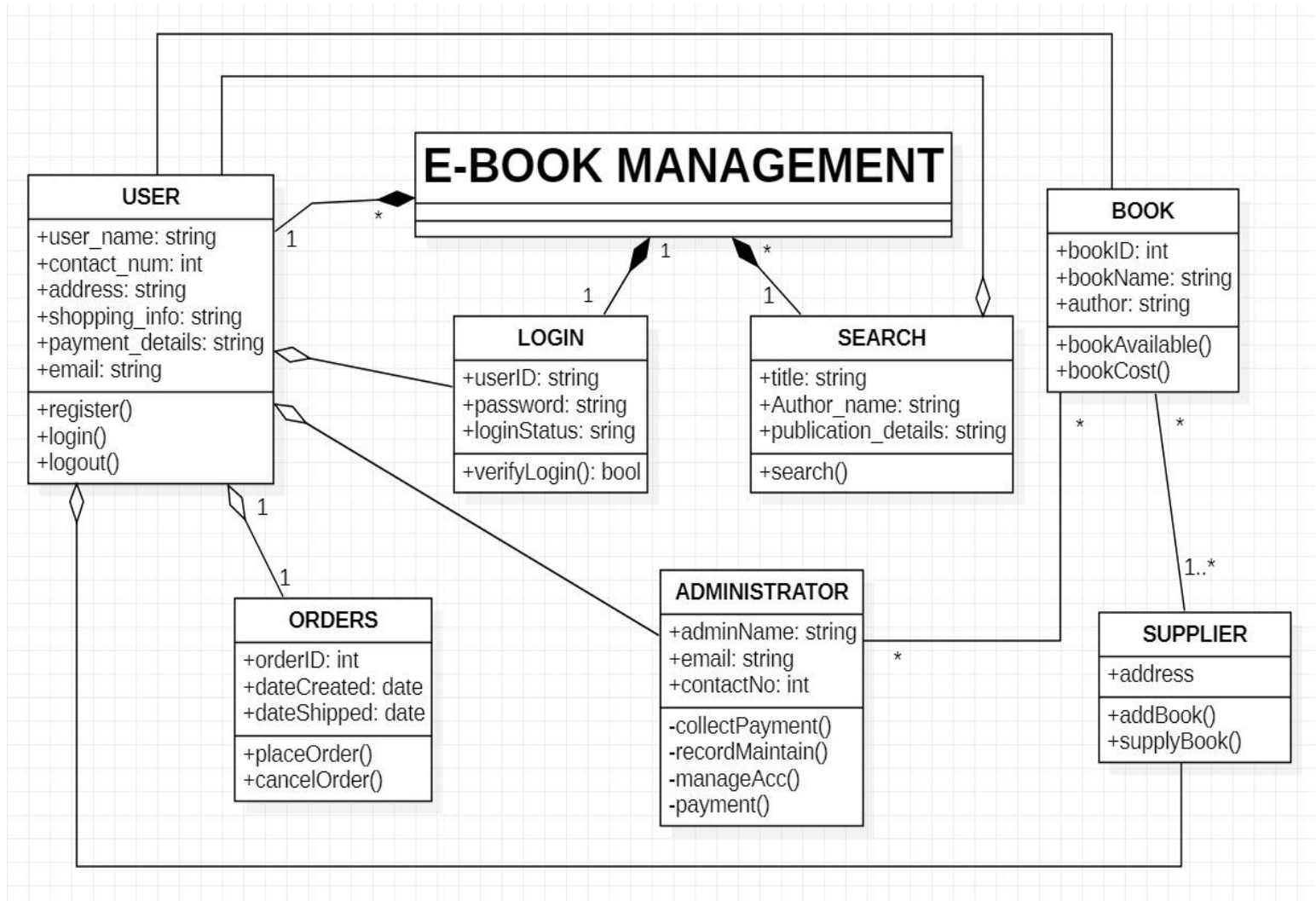
Thus, the use case diagram for E-book management system is drawn.

CLASS DIAGRAM

AIM:

To draw class diagram for E-Book management system.

DIAGRAM:



RESULT:

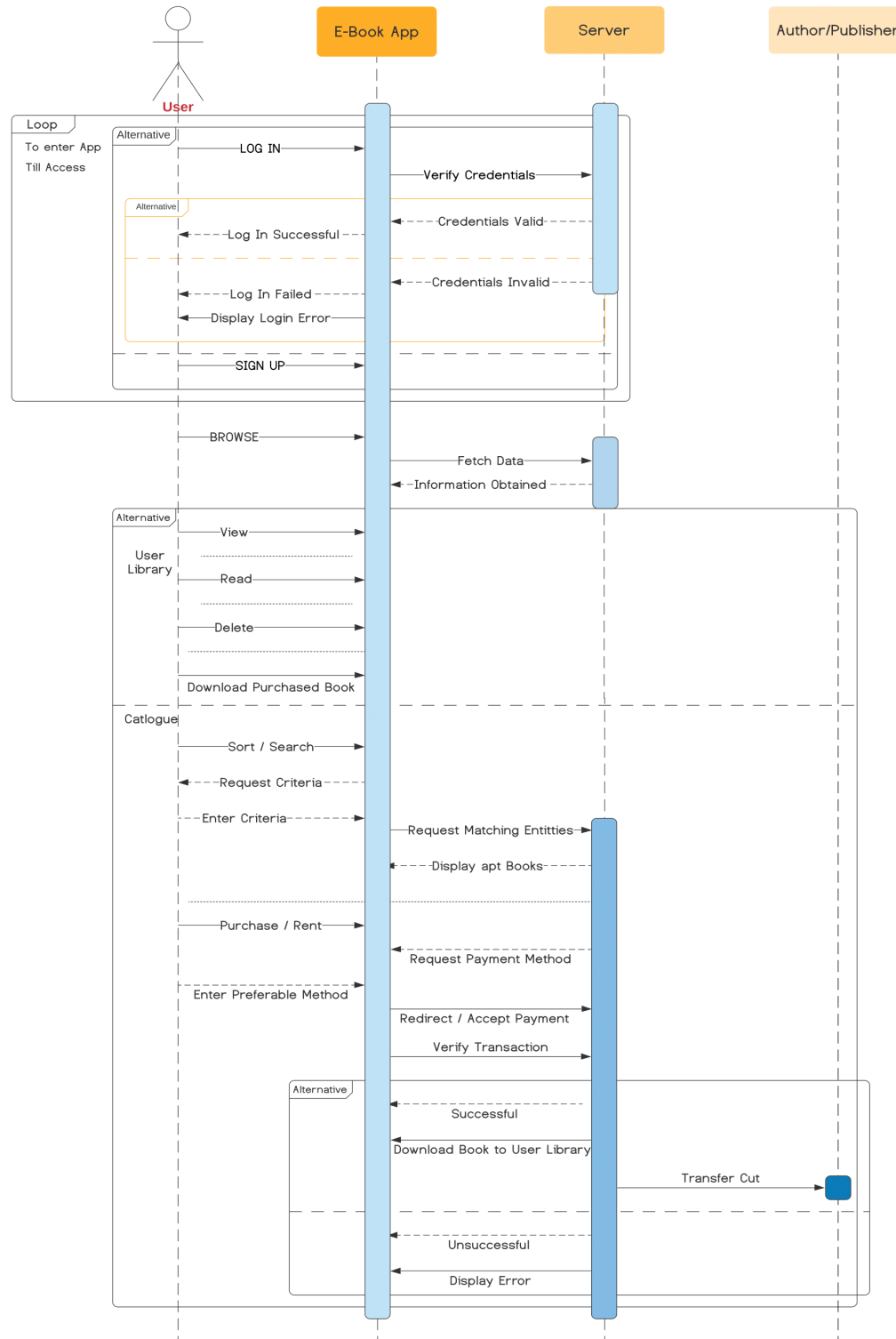
Thus, the class diagram for E-book management system is drawn.

SEQUENCE DIAGRAM

AIM:

To draw sequence diagram for E-book management system.

DIAGRAM:



RESULT:

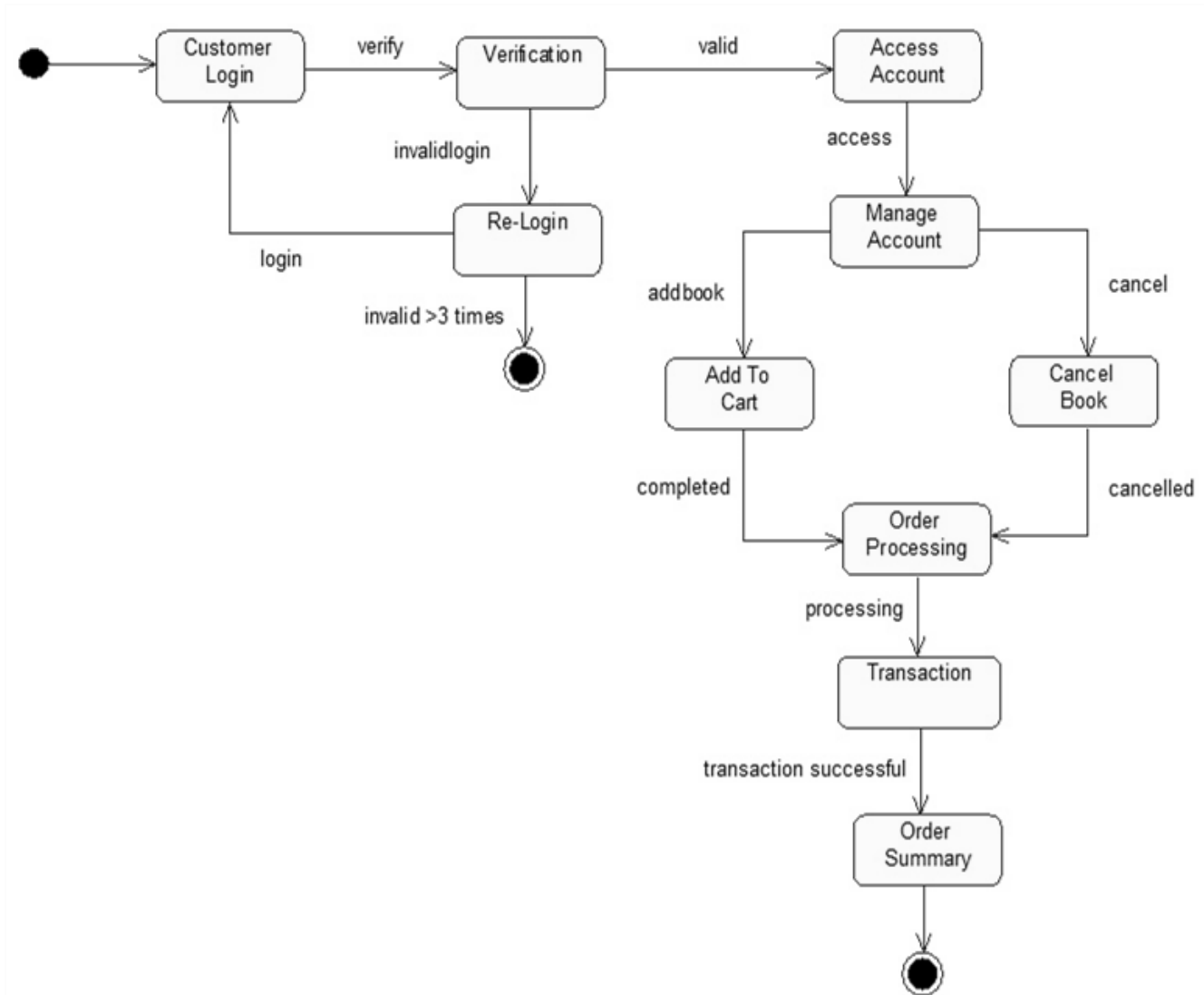
Thus, the sequence diagram is drawn for E-book management system.

STATE CHART DIAGRAM

AIM:

To draw state chart diagram for E-book management system.

DIAGRAM:



RESULT:

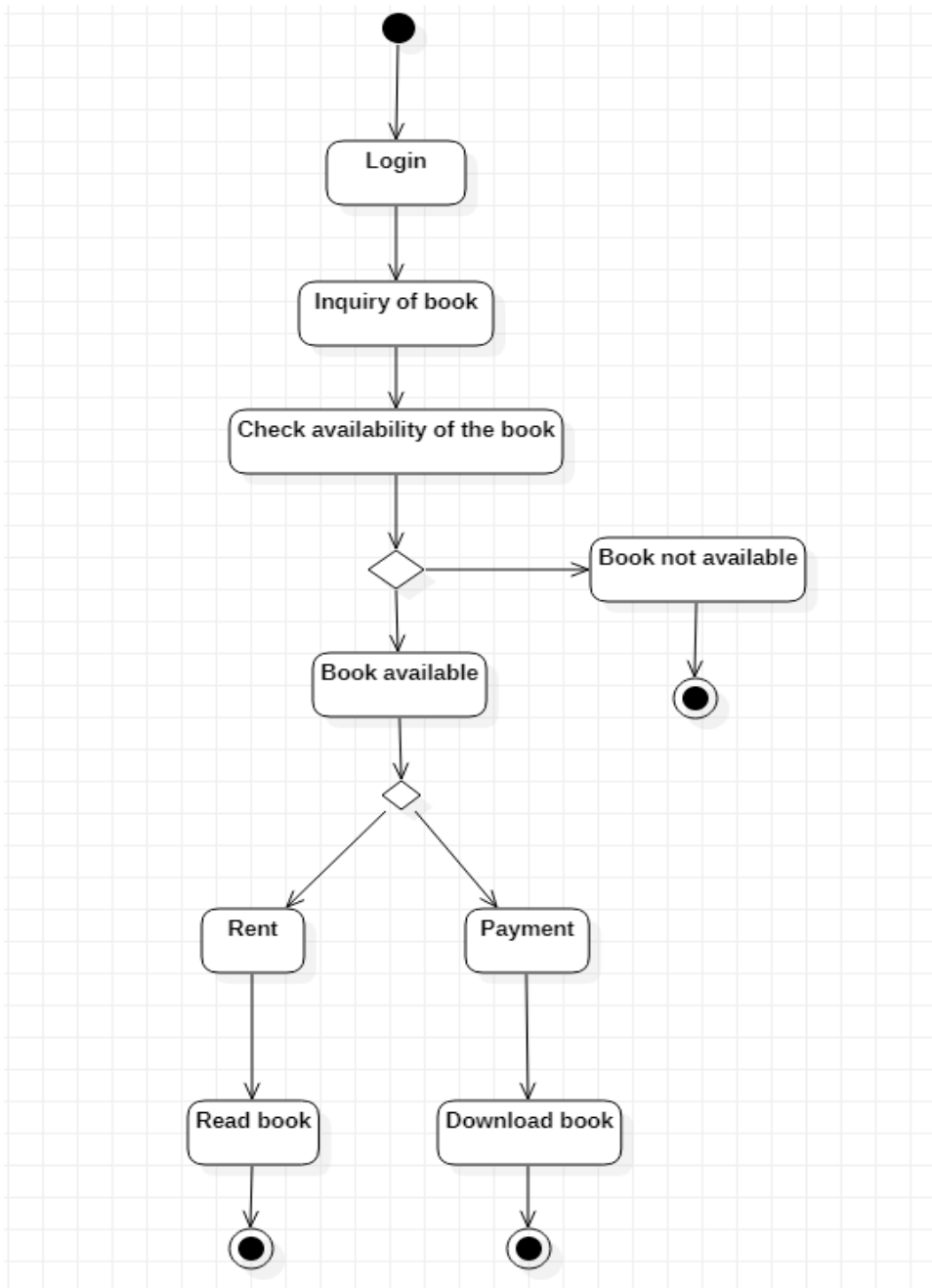
Thus, the state chart diagram is drawn for E-book management system.

ACTIVITY DIAGRAM

AIM:

To draw activity diagram for E-book management system.

DIAGRAM:



RESULT:

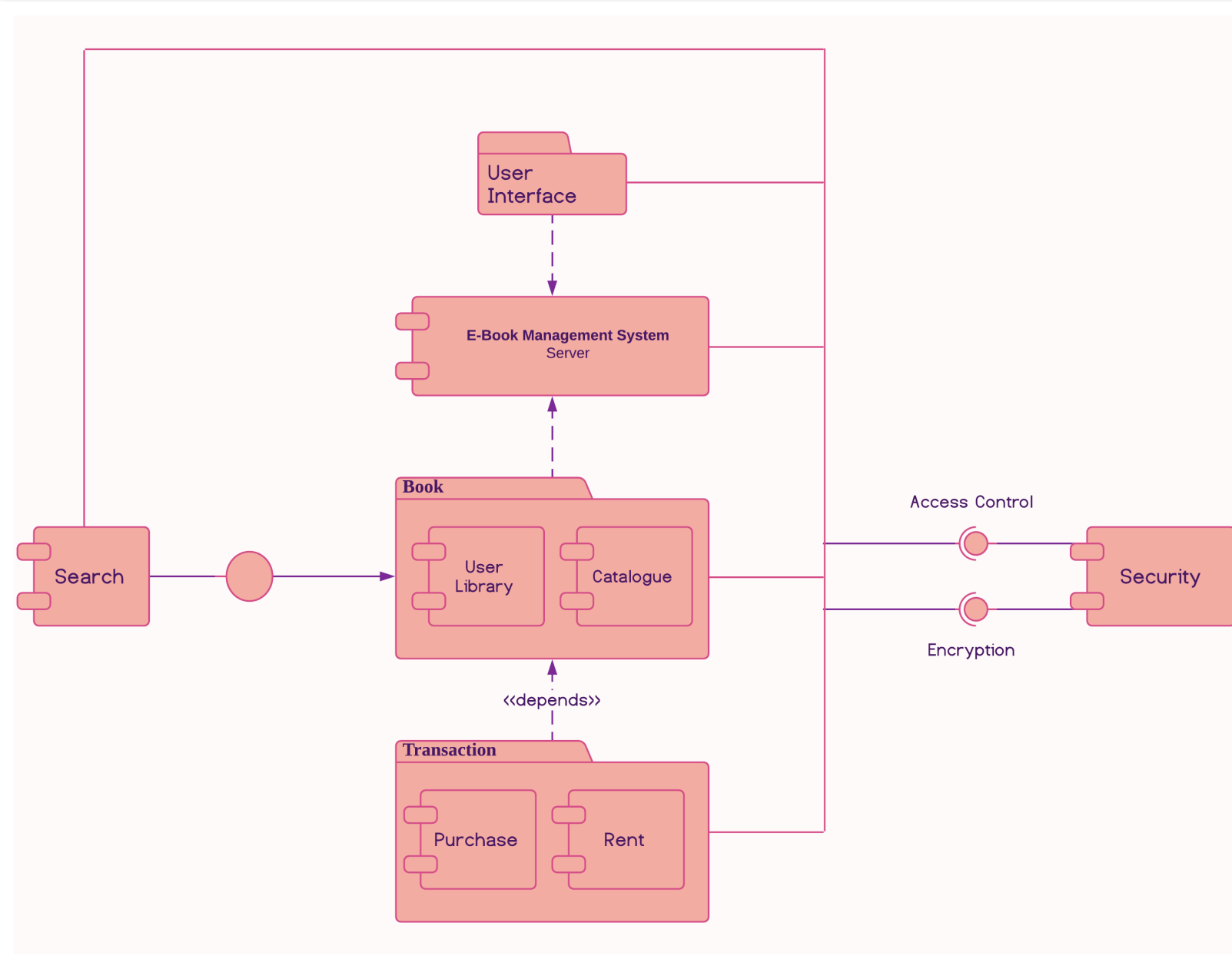
Thus, the activity diagram is drawn for E-book management system.

COMPONENT DIAGRAM

AIM:

To draw Component diagram for E-book management system.

DIAGRAM:



RESULT:

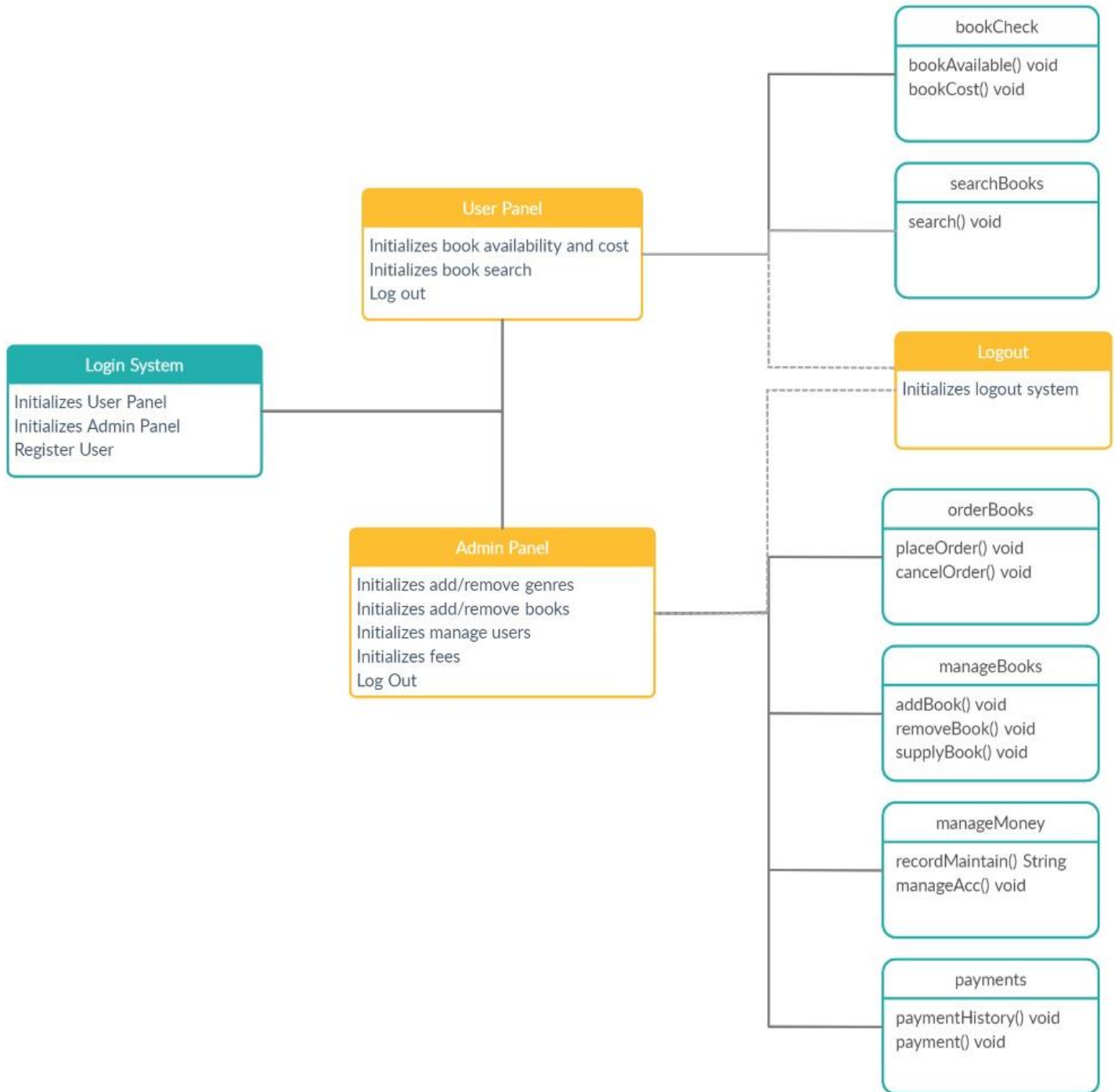
Thus, the Component diagram is drawn for E-book management system.

DEPLOYMENT DIAGRAM

AIM:

To draw Deployment diagram for E-book management system.

DIAGRAM:



RESULT:

Thus, the Deployment diagram is drawn for E-book management system.