Online Book Bank

Aim: - To write problem statement for Online Book Bank system**.**

Problem Statement: -

Online Book Bank is the interface between the customer(student) and the database. It enables the customer to buy or rent the book. Online Book Bank involves the following processes. The user who wants to buy or rent the book has to login to the website using their id and password, if the user is new is then he/she must have to sign up using their mail id, mobile number, bank details and user's residential address to generate their id and password to proceed. After logging into the website user have to search for the book of his/her interest using search bar, and then select the book which he/she wants. User can select multiple books which will get stored in cart. After selecting the books, the user is redirected to confirmation page and afterwards will be redirected to the payment gateway. Payment gateway is handled by the bank. Payment can be done only with the credit cards, debit cards and Internet-banking. As soon as the bank gets the transaction money, it generates the transaction id and sends the transaction id, transaction date and time the backend of the website. As soon as the backend gets the transaction id, it shows an order confirmation page to the user and also provide with the tracking id of the books.
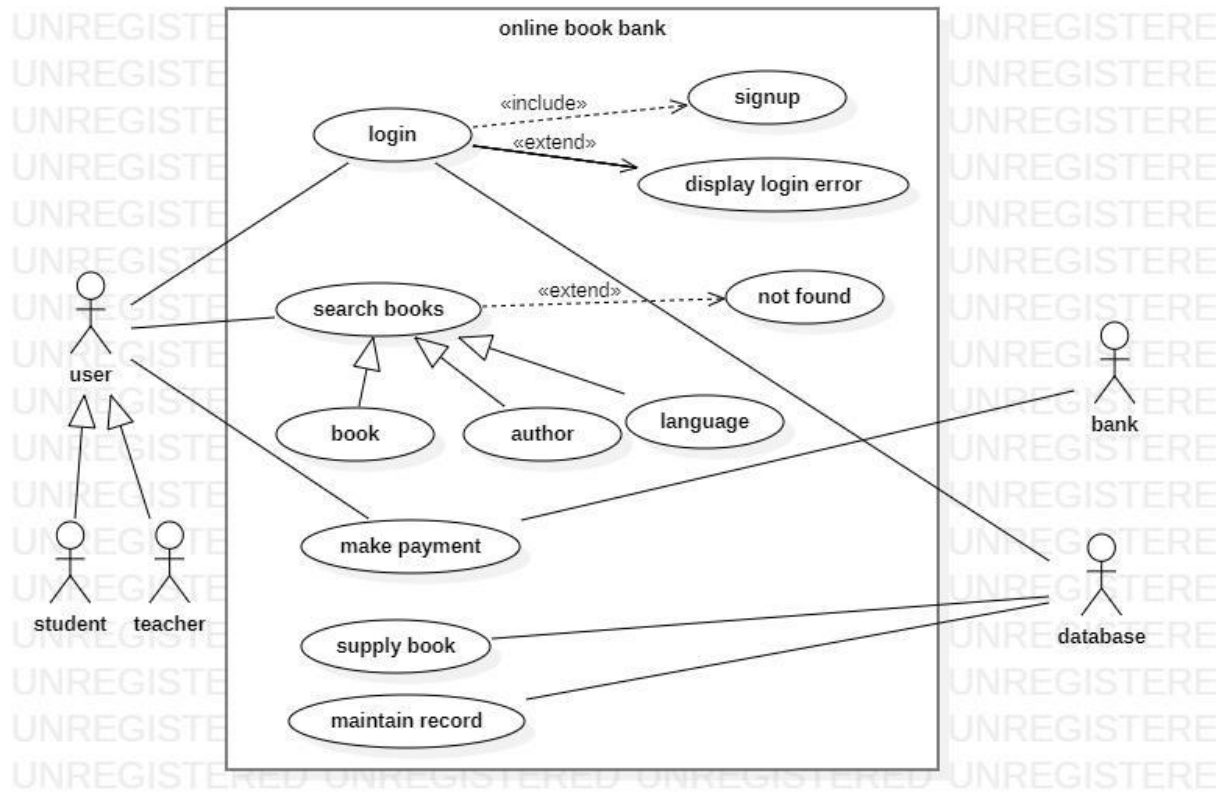
Result: - Thus the problem statement for online book bank system is written.

Use Case diagram: -

Aim: - To draw use case diagram for online book bank system.

Diagram: -

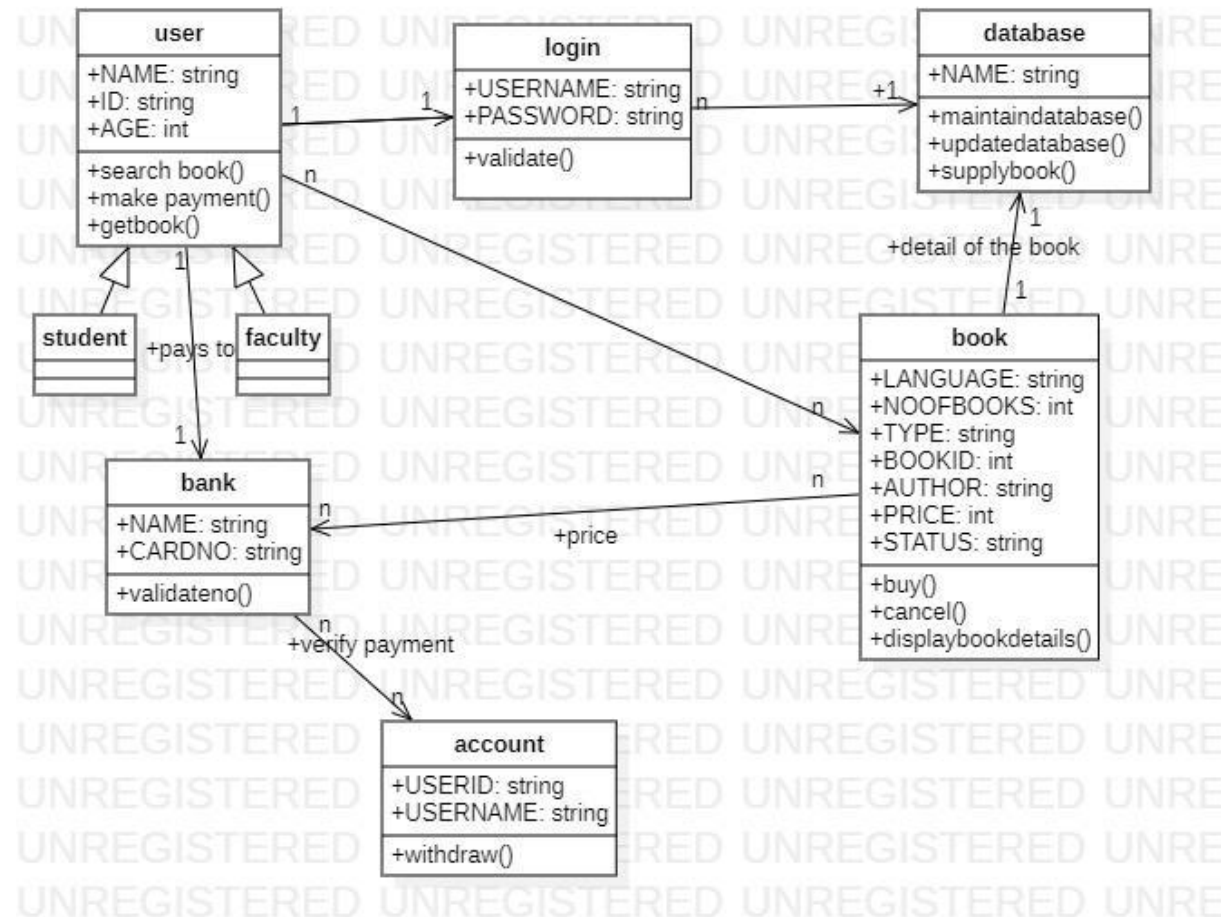| Actors	Scenario
Database	Authenticate books and store details
User	Login and buy books
Bank	Manage payment

Result: - Thus the use case diagram for online book bank system is drawn.

Class diagram

Aim:- To draw class diagram for online book bank system.

Diagram:-

Result: - Thus the class diagram for online book bank system is drawn.

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