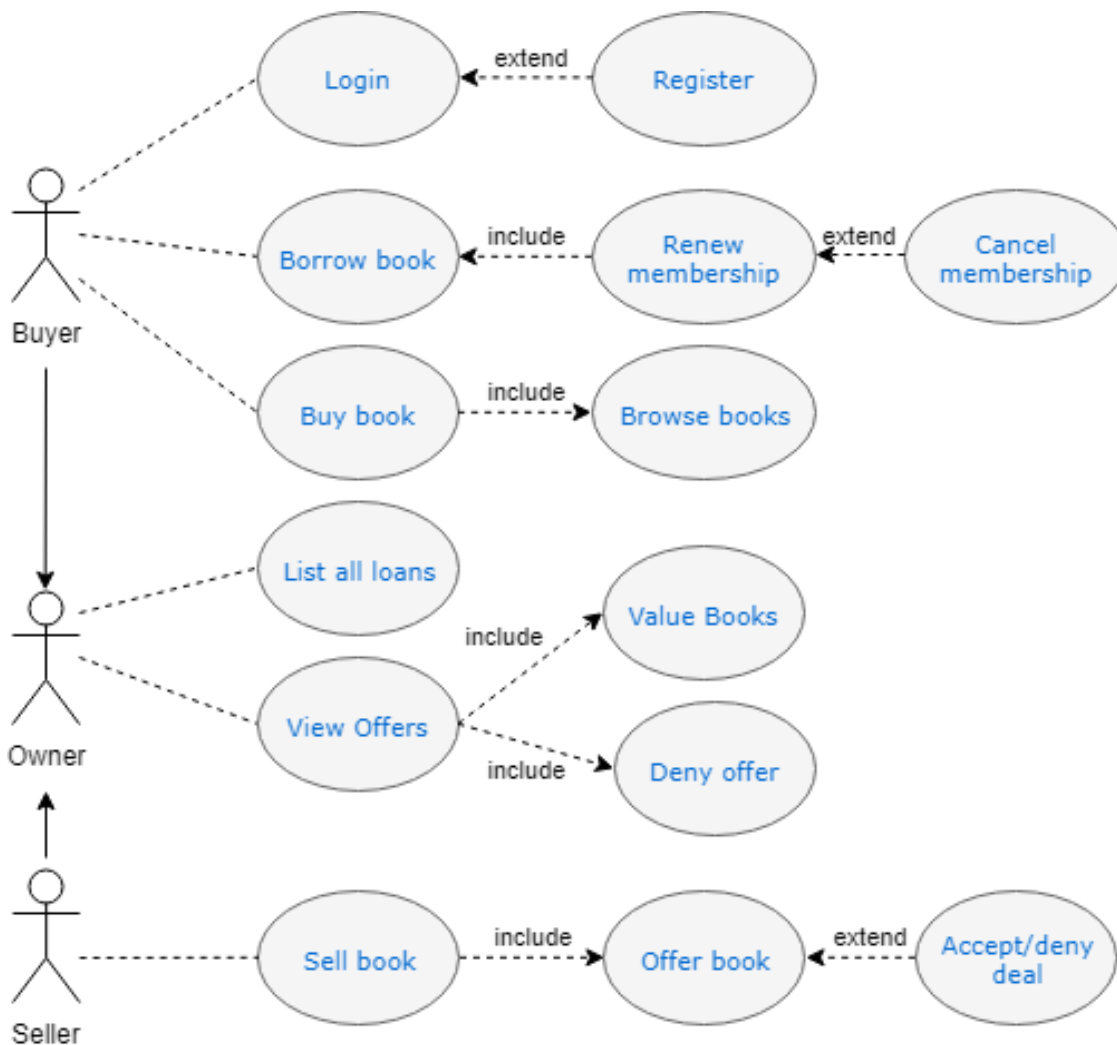


Use case diagrams



Description

- Use case 1 – Borrow book

In order for a user to borrow a book, first of all he should be logged in. The system then checks whether the user is a buyer or a seller. If the user is a buyer then he can view the available rare books that he can potentially borrow. A user can borrow a rare book only in case he/she has an active membership.

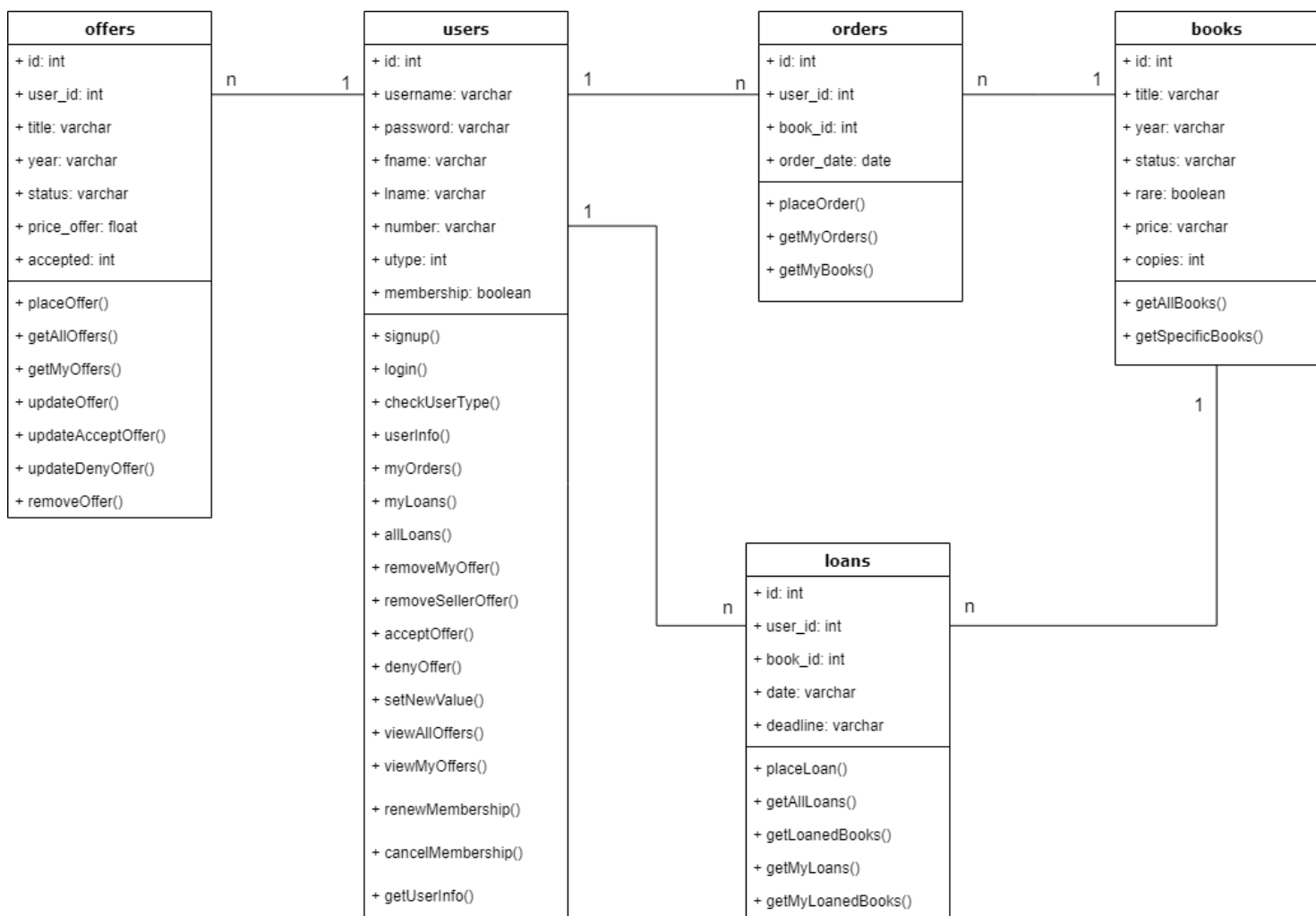
- Use case 2 – List all loans

After a user of buyer type has borrowed a book, the system automatically stores the information about the book the user took and about the loan date and deadline. The application automatically sets deadline 14 days after the book was borrowed. Only user of owner type can see and manage the loans. The owner can view the date and the deadline of the loan, as well as the user's information such as, full name and phone number, and the loaned book details.

- Use case 3 – Sell book

Only users of seller type can sell books to the bookstore owner. The procedure is simple, the seller submits an enquire where he/she offers a book for selling. The book is then valued by the web application in case a similar book is already in the database, if not then the owner himself has to offer a price for the book. After the book was valued, the seller can accept the deal or deny it if it doesn't suit him. The owner can deny deals as well if he doesn't find the book to be interesting for the bookstore.

Class Diagram



Sequence Diagrams

