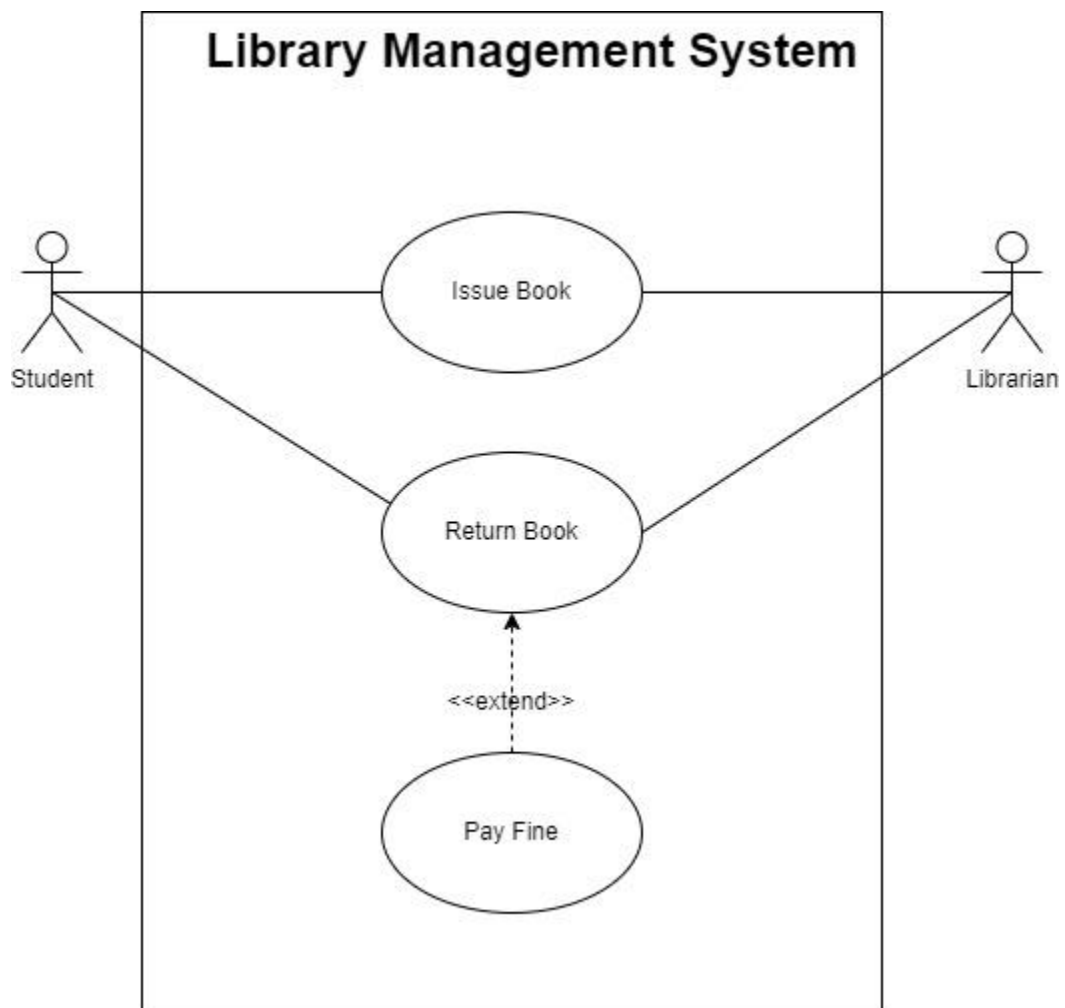


Name: Dhruv Shah
Student ID: 202101208
Subject: IT314
Group: 3

Lab 7

1.1 Use Case Diagram



Use Case Documentation

Use Case Name: Issue Book

Description: It shows the process of issuing a book by a library's registered student.

Primary Actor: Registered Student

Secondary Actor: Librarian

Preconditions:

1. The registered student must be authenticated by the librarian.
2. The library must have the book that is being issued.

Postconditions:

1. The book is marked as issued.
2. The due date for the book is set.

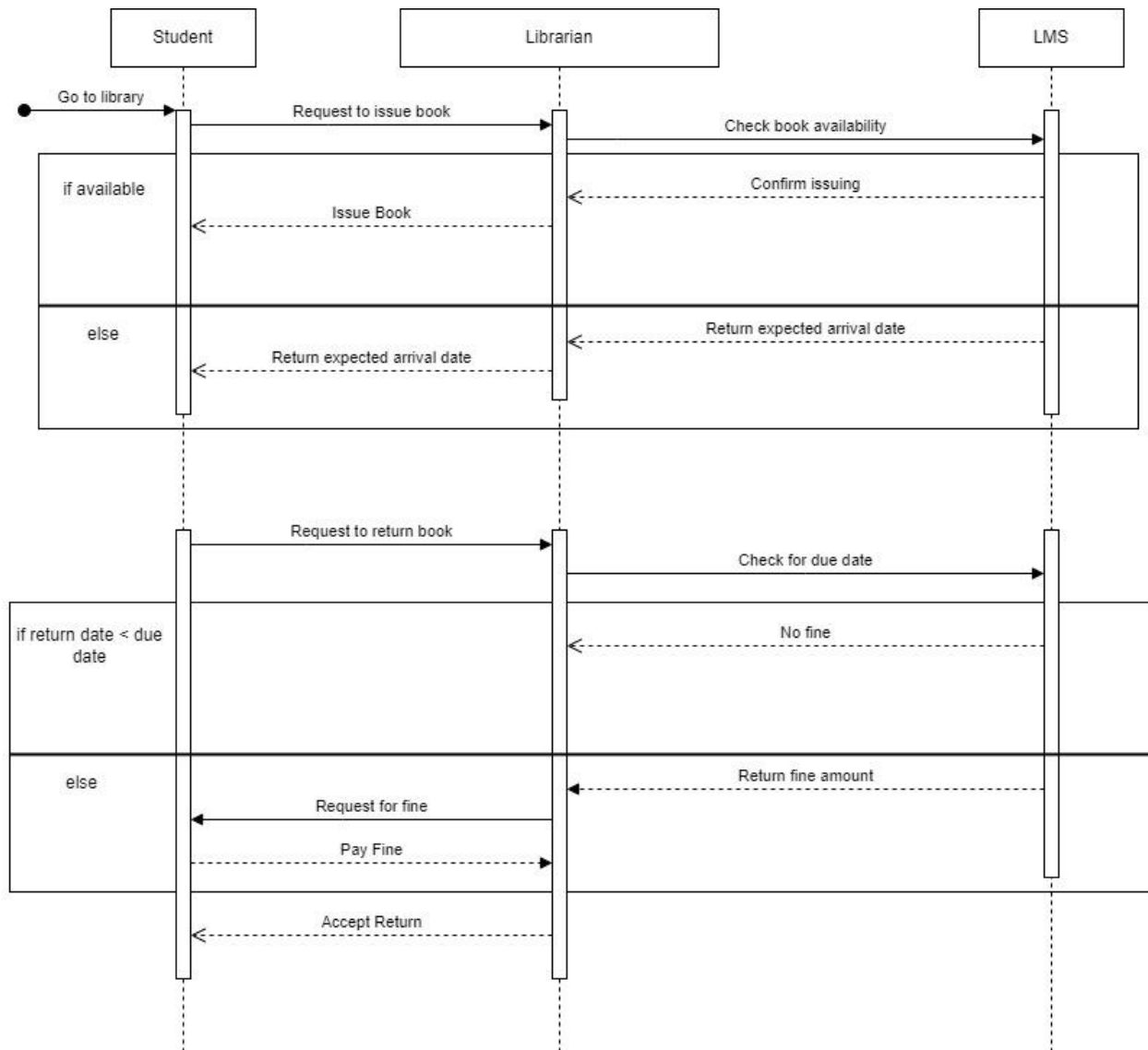
Main Flow:

1. The registered student requests to issue a book.
2. The system checks if the requested book is available.
3. The system marks it as issued to the student.
4. The system sets the due date for the book.
5. The system notifies the student and the librarian about the issuance.

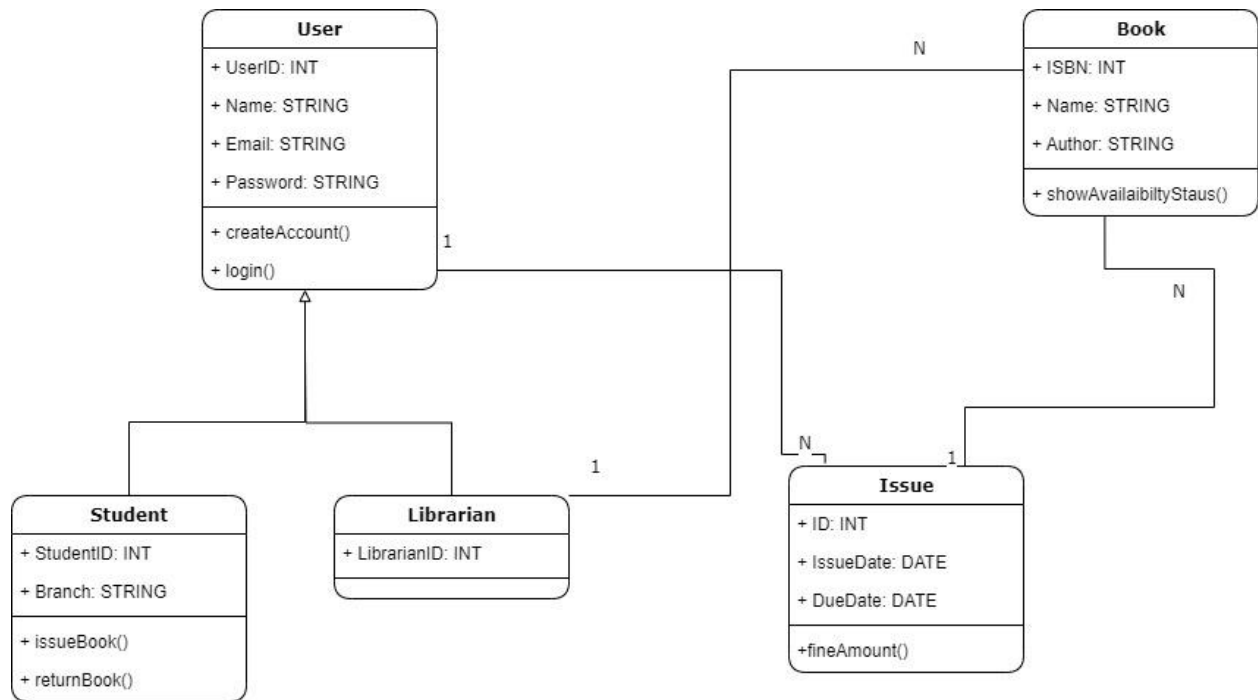
Alternate Flow:

1. If the book is not available, the system notifies the student that the book cannot be issued at the moment.

1.2



1.3



2

