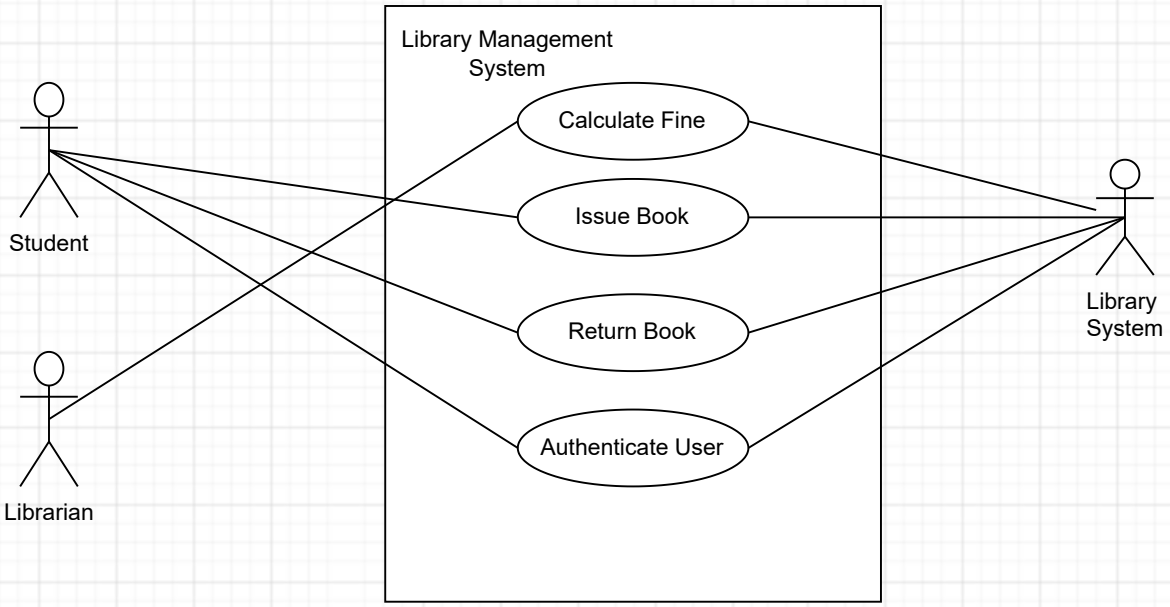
IT314_LAB7

Shrey khakharia

202101493

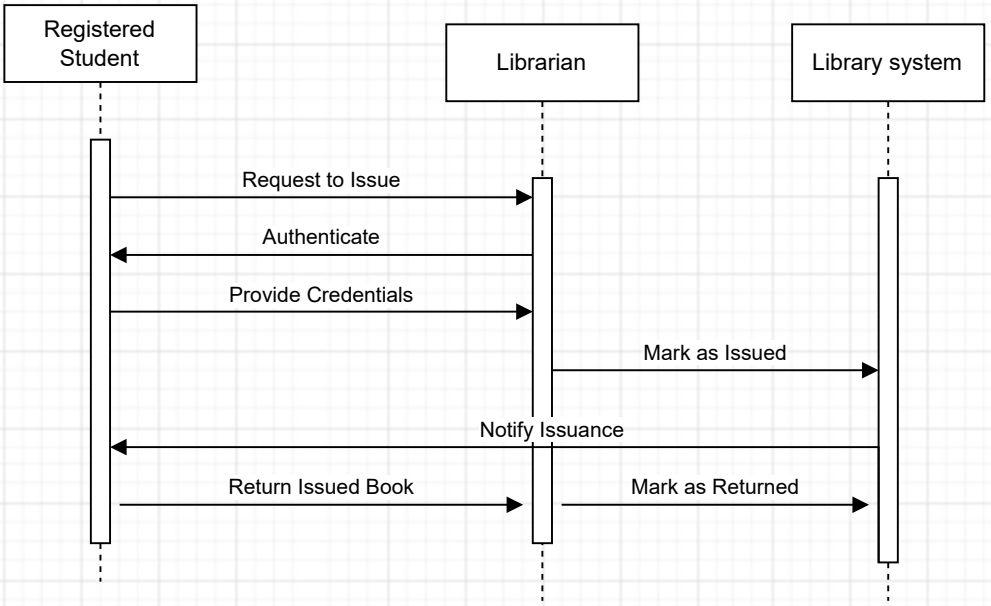
1).

USE CASE DIAGRAM:


Library Management System
Calculate Fine
Issue Book
Return Book
Authenticate User
Student
Librarian
Library System

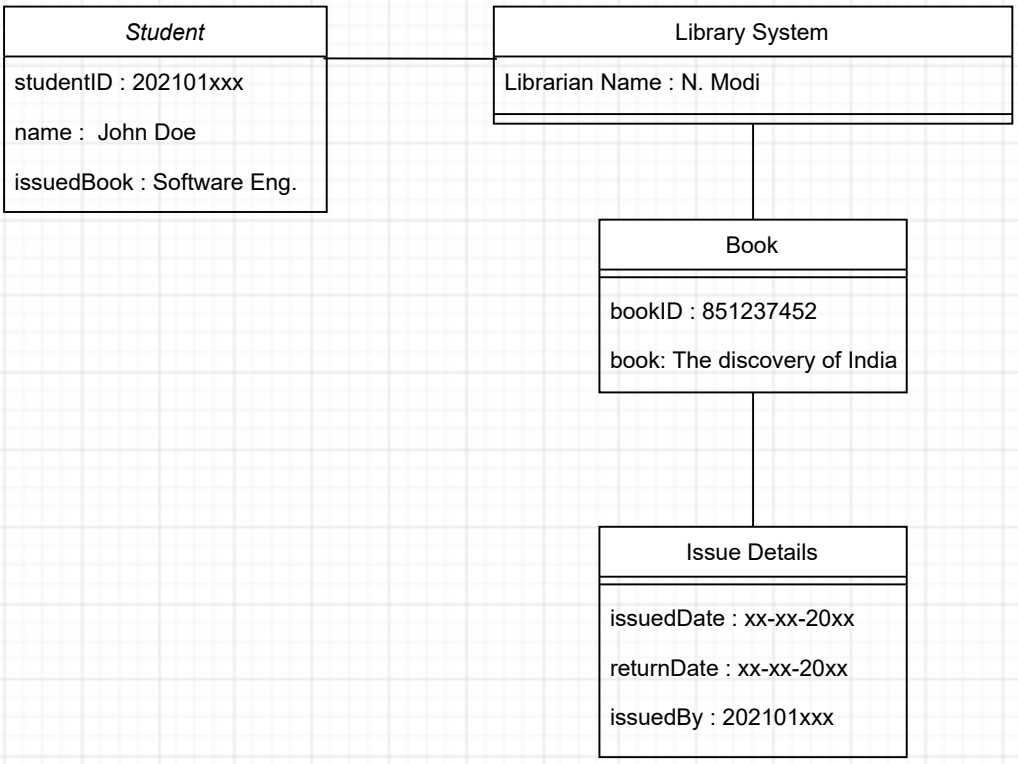
2).

SEQUENCE DIAGRAM


Registered Student
Librarian
Library system
Request to Issue
Authenticate
Provide Credentials
Mark as Issued
Notify Issuance
Return Issued Book
Mark as Returned

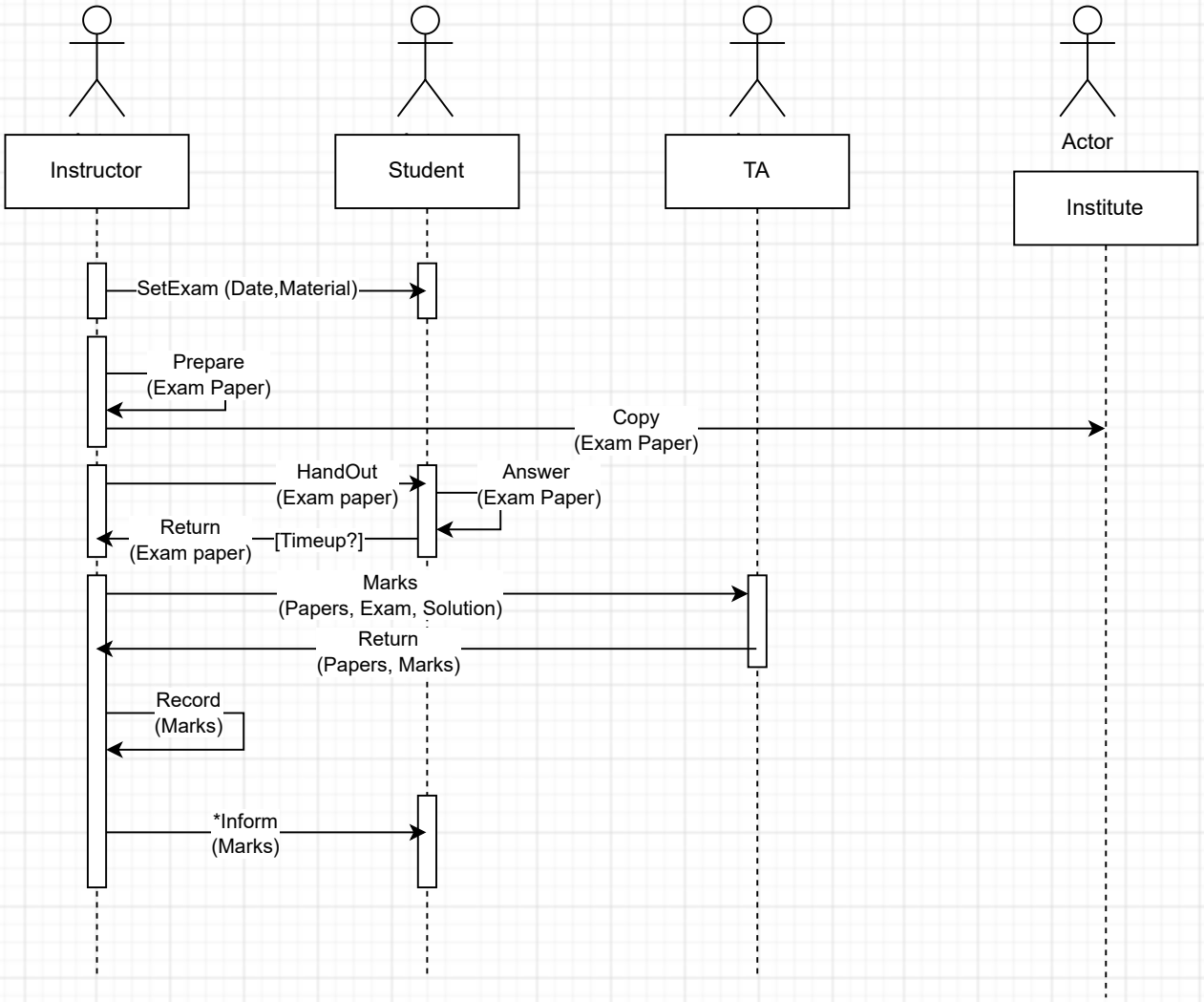
3).

Object Diagram


Student
studentID : 202101xxx
name : John Doe
issuedBook : Software Eng.
Library System
Librarian Name : N. Modi
Book
bookID : 851237452
book: The discovery of India
Issue Details
issuedDate : xx-xx-20xx
returnDate : xx-xx-20xx
issuedBy : 202101xxx

Q2).

Sequence Diagram


Instructor
Student
TA
Actor
Institute
SetExam (Date,Material)
Prepare
(Exam Paper)
Copy
(Exam Paper)
HandOut
(Exam paper)
Answer
(Exam Paper)
Return
(Exam paper)
[Timeup?]
Marks
(Papers, Exam, Solution)
Return
(Papers, Marks)
Record
(Marks)
*Inform
(Marks)