

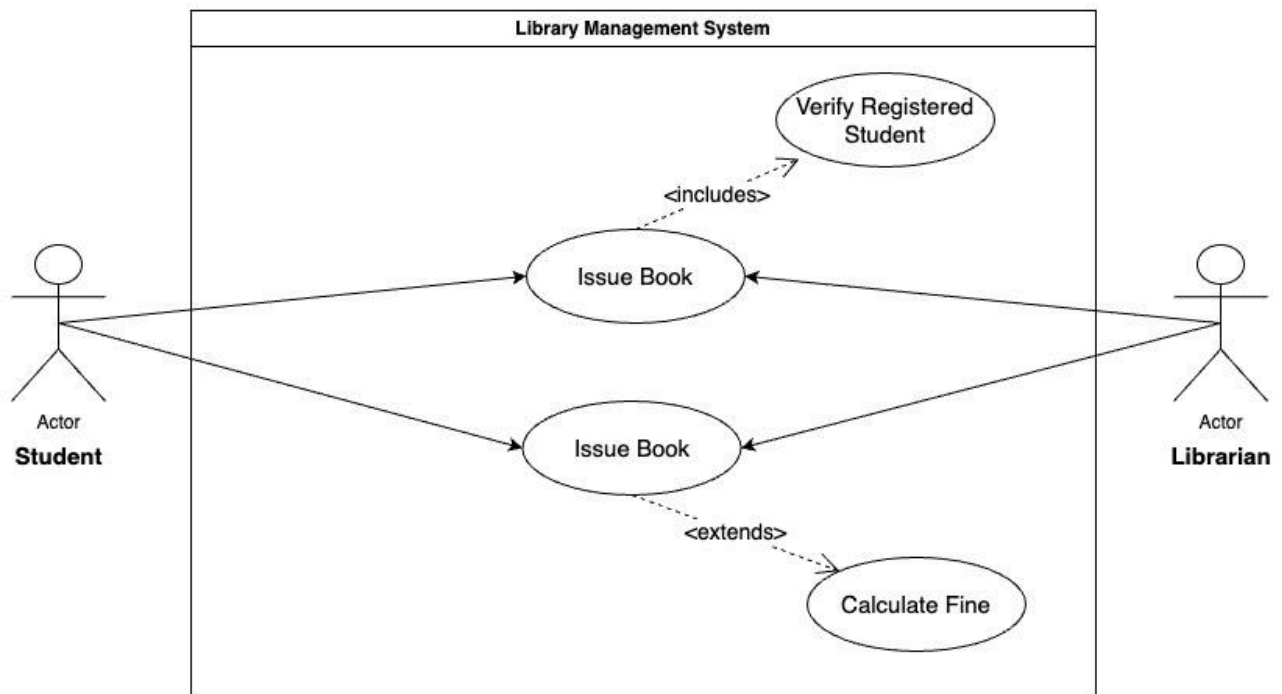
IT – 313 Software Engineering

Lab – 7

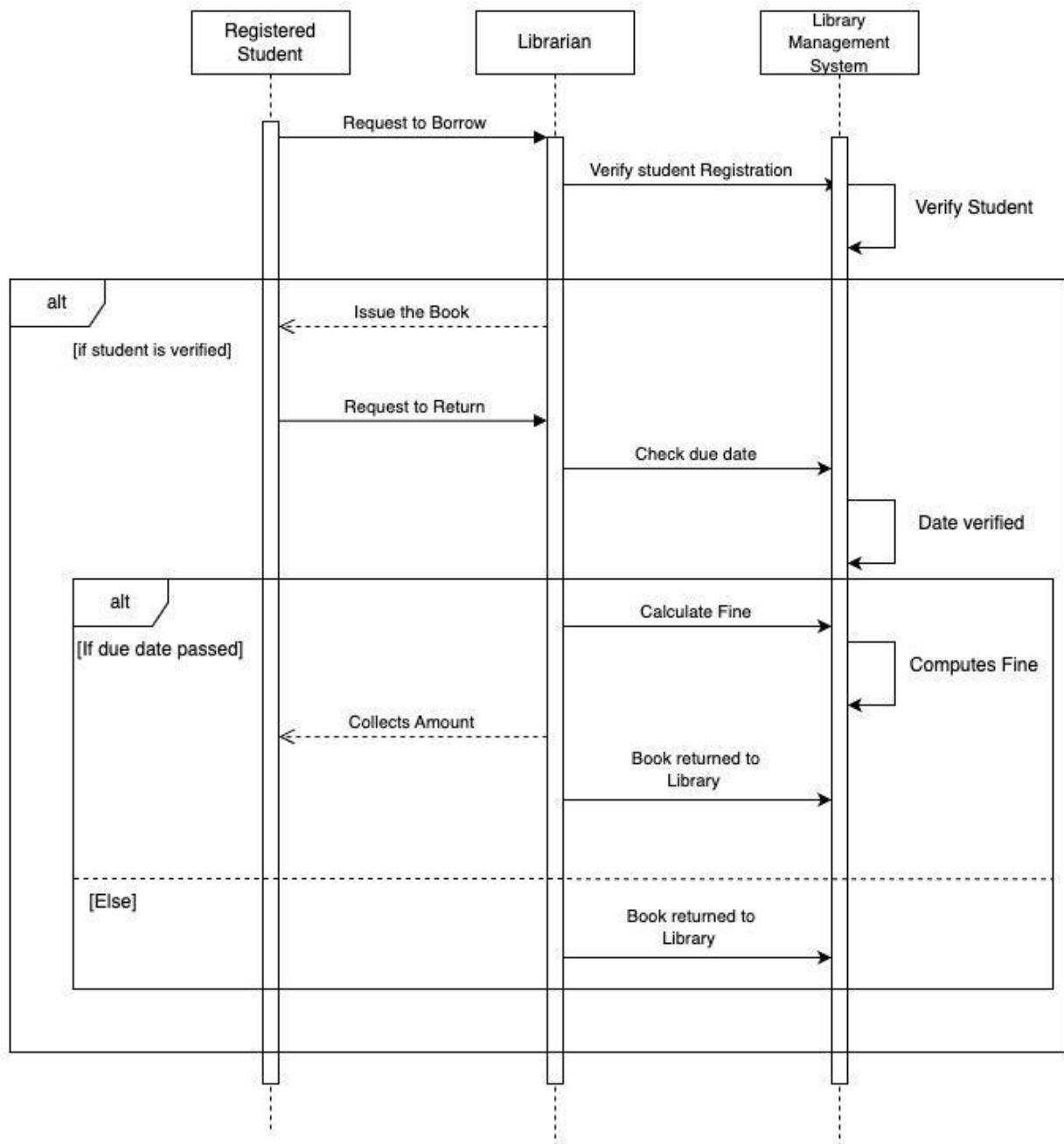
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Q1)

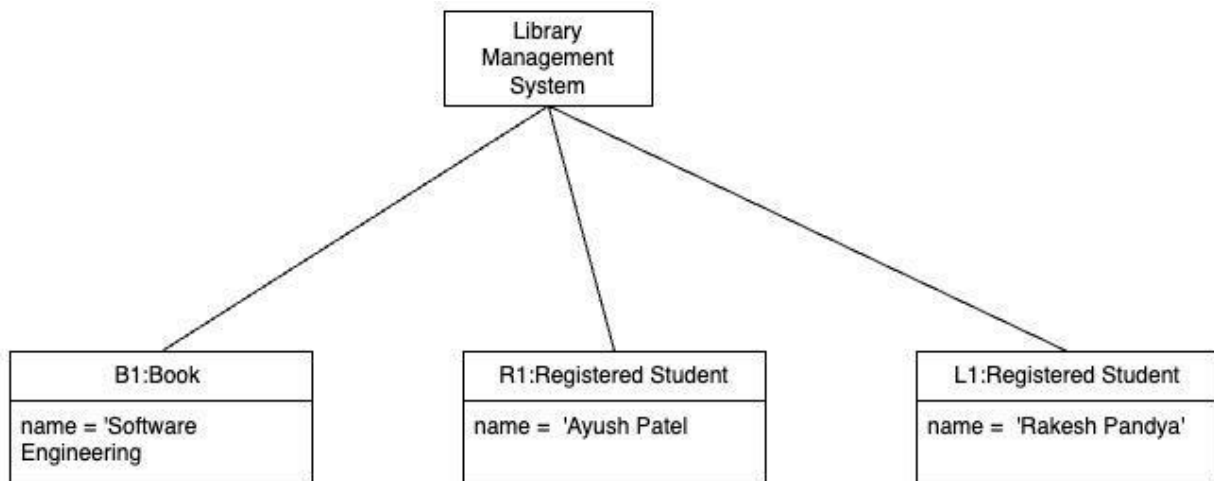
1. Complete the use case diagram for the above problemtext along with use case documentation for “issueBook” use case.



2. Sequence Diagram for 'IssueBook' use case is as follows:



3. Object Daigram:



4. Q-2)

5. Notify of Exam (Instructor -> Students):Operation:

notifyExam(date, material) Arguments:

6. date: The date of the exam.

7. material: The material to be covered in the exam

8. Prepare Exam (Instructor):Operation:

prepareExam()Arguments: None

9. Copy Exams (Instructor): Operation:

copyExams(copies)

10. Arguments: copies: The number of exam paper copies to be produced.

11. Conducts Exams (Instructor -> Students):Operation:
 ConductExam(location, time)
12. Arguments: location: The designated location for handingout the exam papers. time: The designated time for
13. handing out the exam papers
14. Write Answers (Students): Operation:
 writeAnswers(answers)
15. Arguments: answers: The answers written by thestudents.
16. Hand In Papers (Students -> Instructor):Operation:
 handInPapers()
17. Arguments: None
18. Give Marks(Teaching Assistants):Operation:
 recordMarks(marks)
19. Arguments: marks: The marks assigned to each exampaper
20. Record Marks (Instructor -> Teaching Assistants):Operation:
 recordMarks(marks)
21. Arguments: marks: The marks record for each student
22. Return Papers (Instructor -> Students):Operation:
 returnPapers(papers)
23. Arguments: papers: The marked exam papers to bereturned to the students.

