

Software Engineering - IT314

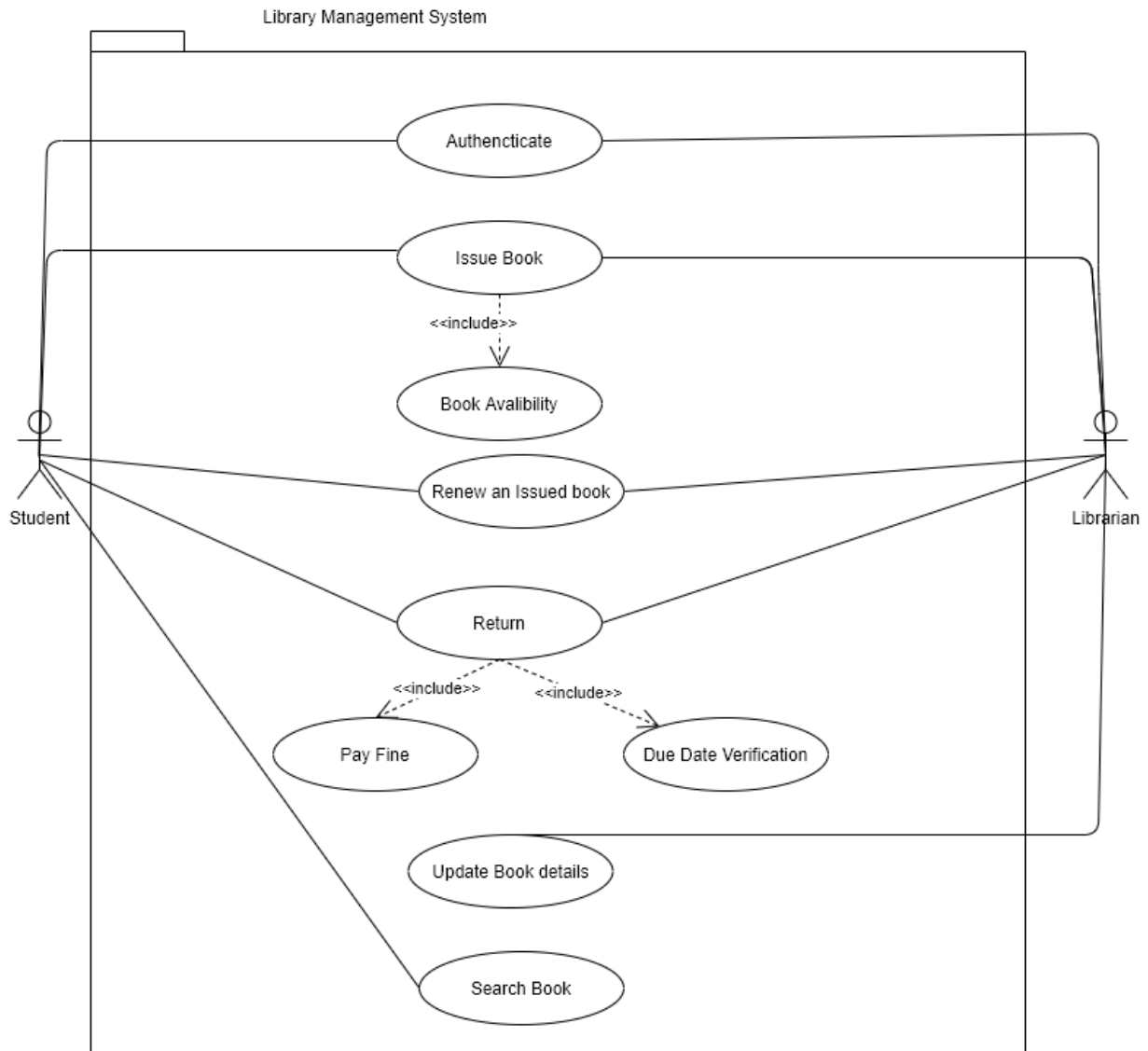
Modeling and design lab

GROUP 32

Group members

201801081 KAPADIYA KAUSHAL GAUTAMBHAI
201801229 MISTRY SANKETKUMAR KIRANKUMAR
201801009 RAMANI NAYAN GOBARBHAI
201801054 TEJASWA ALIA
201801003 POPAT JAYESH CHANDRESHKUMAR
201801427 RIDDHI ATUL TANNA (Group leader)
201801074 RITIK MALAVIYA
201801224 ZANZARUKIYA JIGAR HEMUBHAI
201801159 JOSHI DIKSHEN RIPAL

1. Complete the use case diagram for the above problem text along with use case documentation for "issueBook" use case.



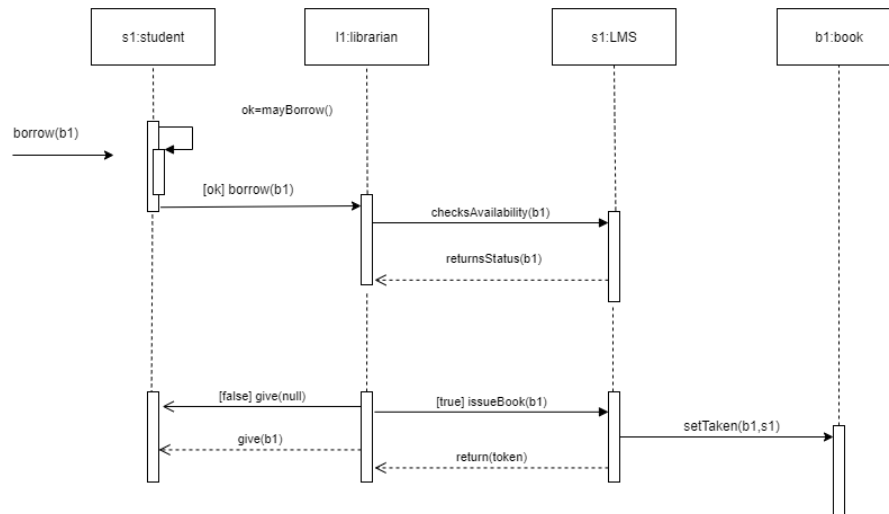
Documentation of "Issue Book"

Actors: Librarian, Student

- Student wants to issue a book
 - a. Login to the system

- b. Will search for a book
 - c. Visit Librarian
- Librarian will do the process of issuing the book
 - a. Librarian needs to check whether student is valid or not
 - b. Librarian needs to check whether the book is available or not
 - c. If valid and if book is available, he/she issues book and marks due date

2. The sequence diagram for the “issueBook” use case



3. Draw the analysis object diagram for the “issueBook” use case analysis

