Lab8 Group2

201801025 HEMANG SHRIMALI
201801028 AKSHYA GARG
201801052 HITESH GOYAL
201801092 SHAH ARPIT JAYESHKUMAR
201801116 HARSH ASHOK DESHPANDE
201801153 PATEL KIRANKUMAR MAHESHBHAI
201801165 VAZIRANI DIVYA RAJESH
201801210 VALA SKAND ARSIBHAI
201801262 PAGHADAR HET KISHORBHAI
201801455 MAISURIYA VARSHITKUMAR BAKULBHAI

Q1.1)   [201801025, 201801153, 201801028 , 201801116,201801262]
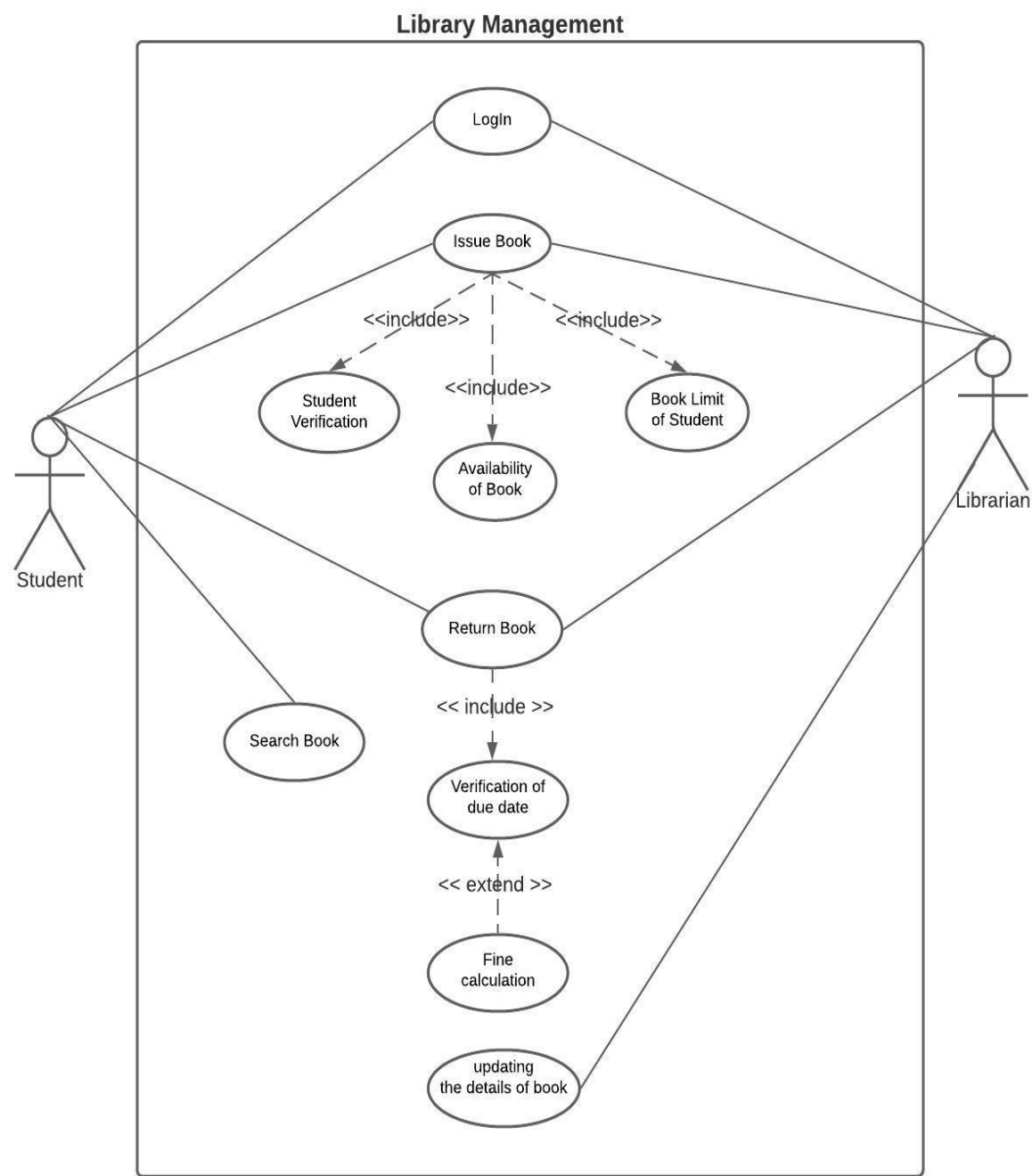
Use case documentation for **" issueBook "** use case

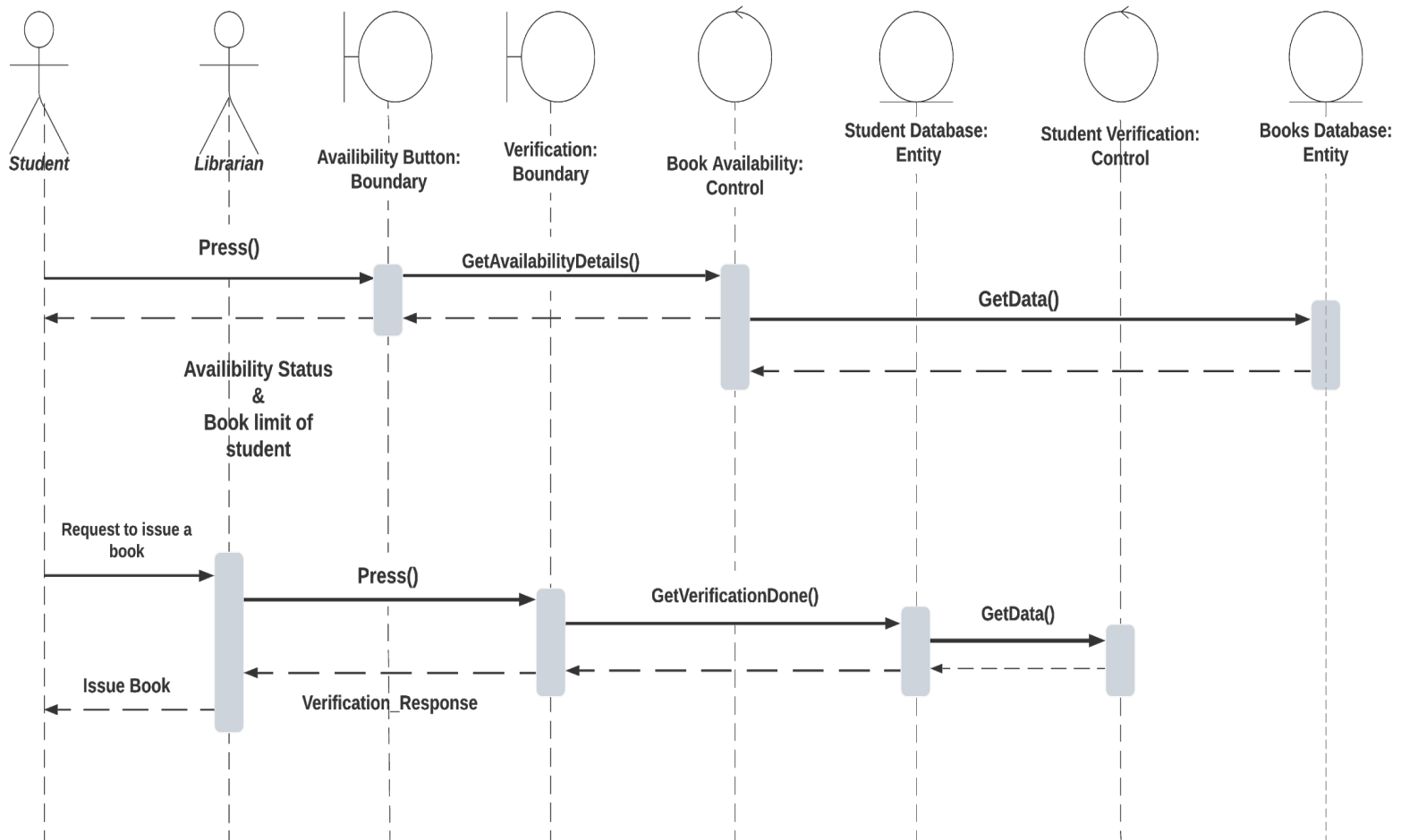**Actors** : Student , Librarian

Use cases :

- **Student** : wants to Issue a book
    - Student will LogIn to the system
    - Student will search for a book
    - Student will go to the Librarian

- **Librarian:** wants to administer issue process.
    - Librarian can see student profile
    - Librarian needs to verify student details and will calculate the fine accordingly.
    - Librarians will update the details of the issued book.
    - Librarian has to check if the student is not issuing more books than the limit

Use Case Diagram:
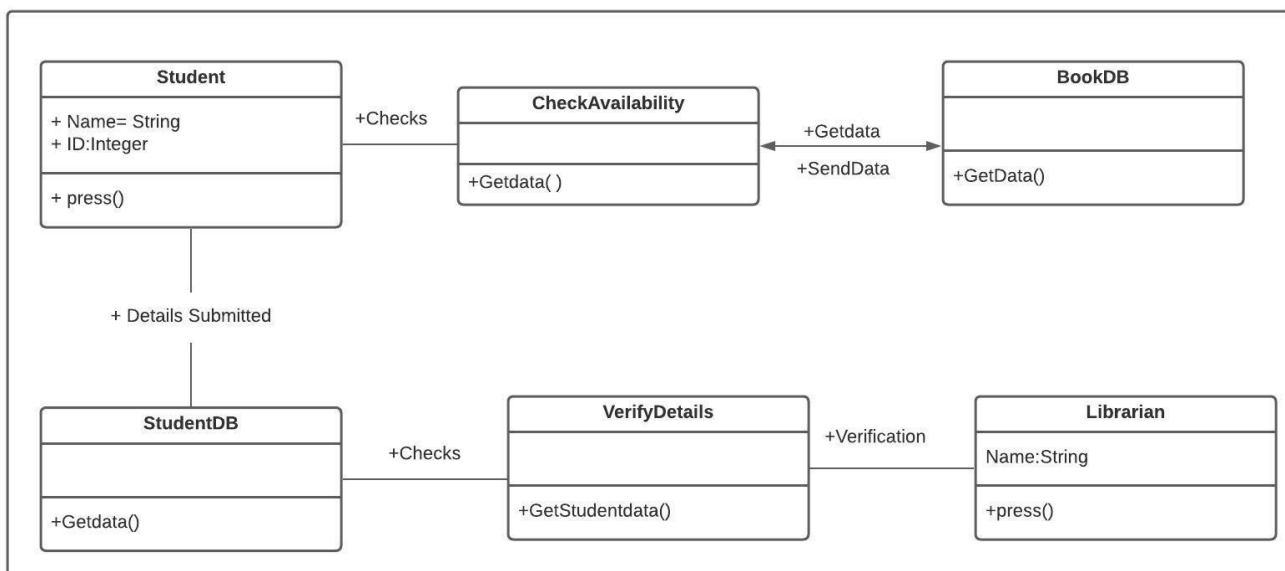

Library Management

Q1.2) Sequence Diagram [201801455, 201801210, 201801165, 201801052]

Q1.3) Analysis Object diagram [201801025, 201801153]

Analysis object diagram

Q2 Sequence diagram (Examination)   [201801455, 201801052, 201801210, 201801165]