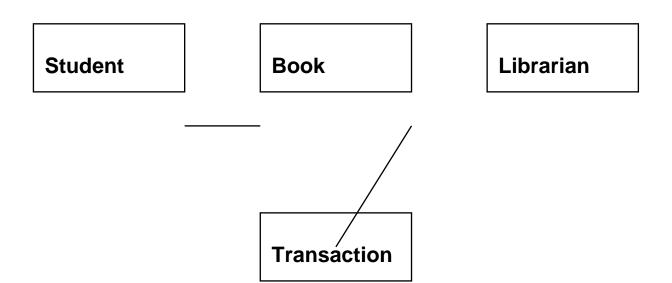
| Student | | Librarian |
|---------|----------------|-----------|
| June | | |
| | | |
| | | |
| | | |
| | | |
| | Library System | |
| | Library System | |

ER Diagram (Simplified)



Use Case Diagram (Simplified)

Student

Admin

Search Book

Borrow Book

Return Book

Sequence Diagram - Borrow Book (Simplified)

| Student | LibrarySystem | Librarian | |
|---------|----------------|-----------|----------------|
| se | earchBook() -> | | |
| | | | issueBook() -> |
| | | | confirm() <- |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Activity Diagram - Borrow Book (Simplified)



Search Book -> Select -> Confirm -> Issue

Class Diagram (Simplified)

Student

attributes: id, name

methods: create(), update()

Book

attributes: id, name

methods: create(), update()

Transaction

attributes: id, name

methods: create(), update()