Software Construction Development

Submitted by:

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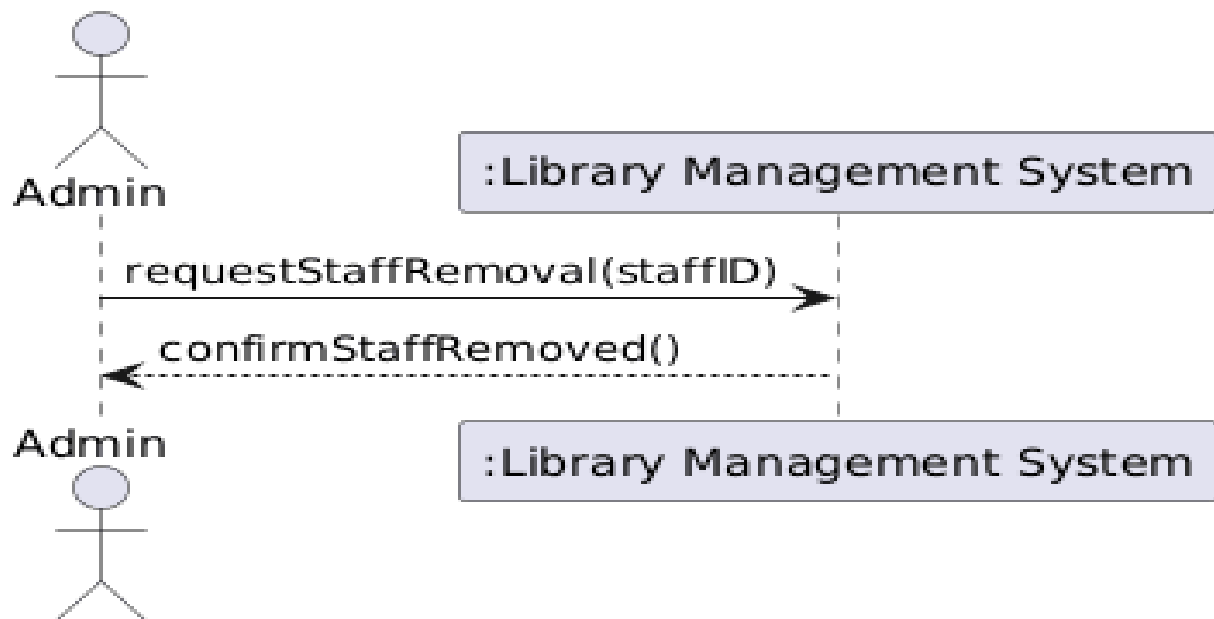
M.Aqeel   56983

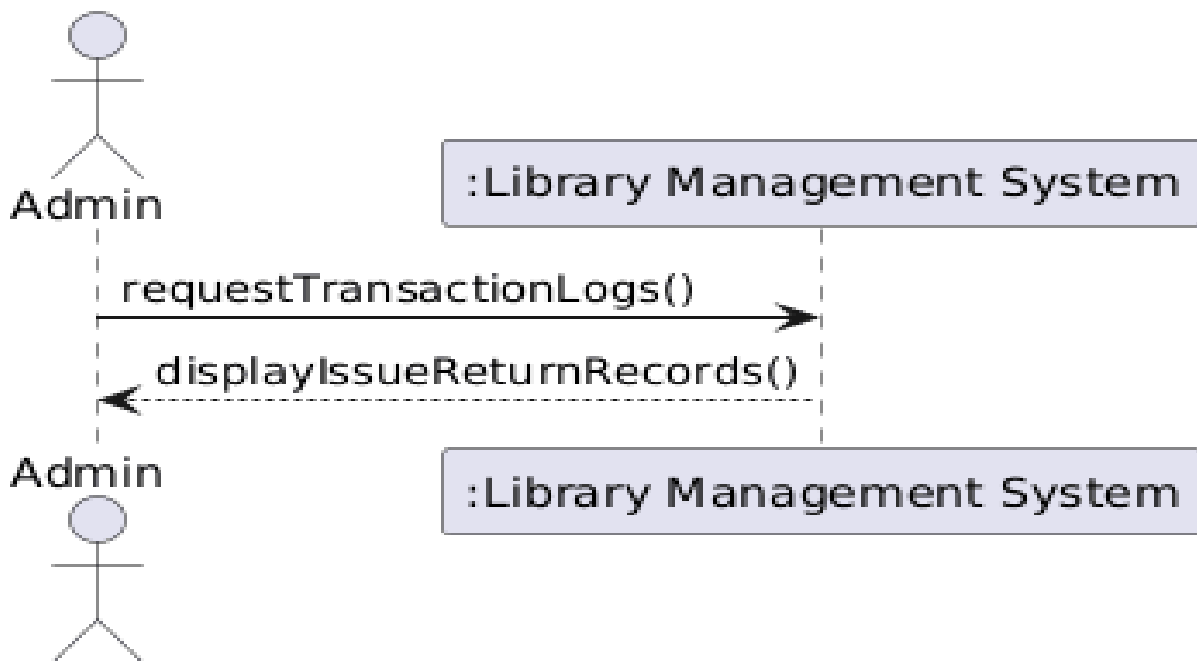## SYSTEM SEQUENCE DIAGRAM:
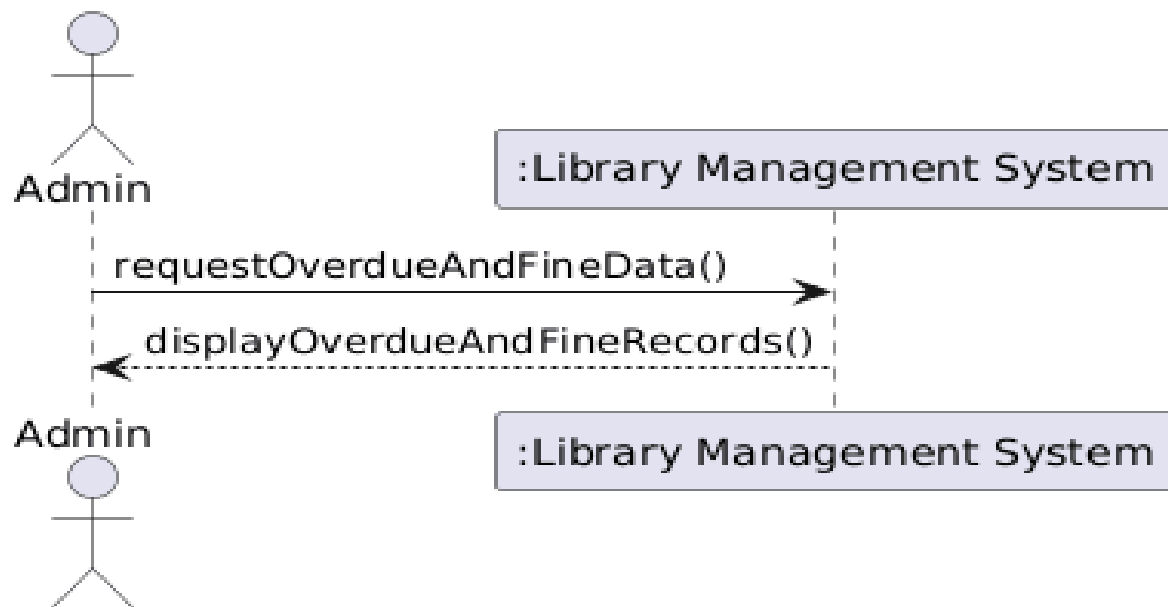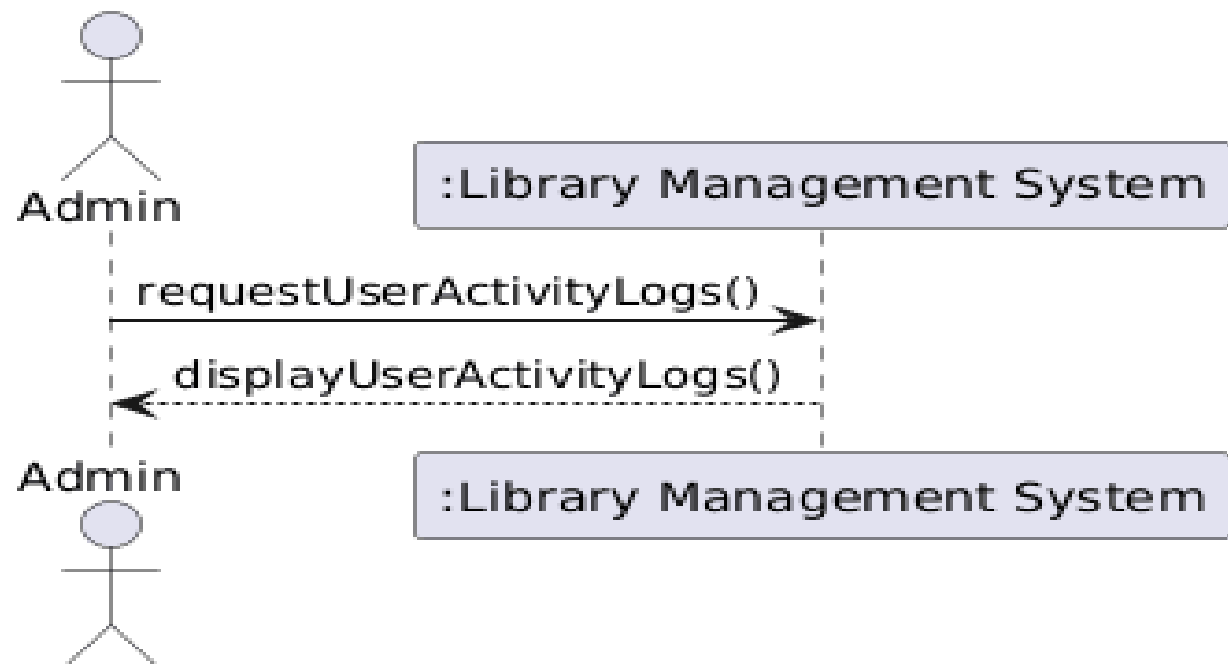
UC2 – Update Staff:

UC3 – Remove Staff Account:

```
   ○
   |
   人                    ┌─────────────────────────────────────┐
  Admin                  │ :Library Management System          │
                         └─────────────────────────────────────┘
   |                                        |
   |   requestStaffRemoval(staffID)         |
   |───────────────────────────────────────▶
   |                                        |
   |◀ ─ ─ confirmStaffRemoved() ─ ─ ─ ─ ─ ─ |
  Admin                  ┌─────────────────────────────────────┐
   ○                     │ :Library Management System          │
   人                    └─────────────────────────────────────┘
```

UC4 – Monitor Book Issues/Returns:

```
   ○
   |
   人                    ┌─────────────────────────────────────┐
  Admin                  │ :Library Management System          │
                         └─────────────────────────────────────┘
   |                                        |
   |      requestTransactionLogs()          |
   |───────────────────────────────────────▶
   |                                        |
   |◀ ─ displayIssueReturnRecords() ─ ─ ─ ─ |
  Admin                  ┌─────────────────────────────────────┐
   ○                     │ :Library Management System          │
   人                    └─────────────────────────────────────┘
```
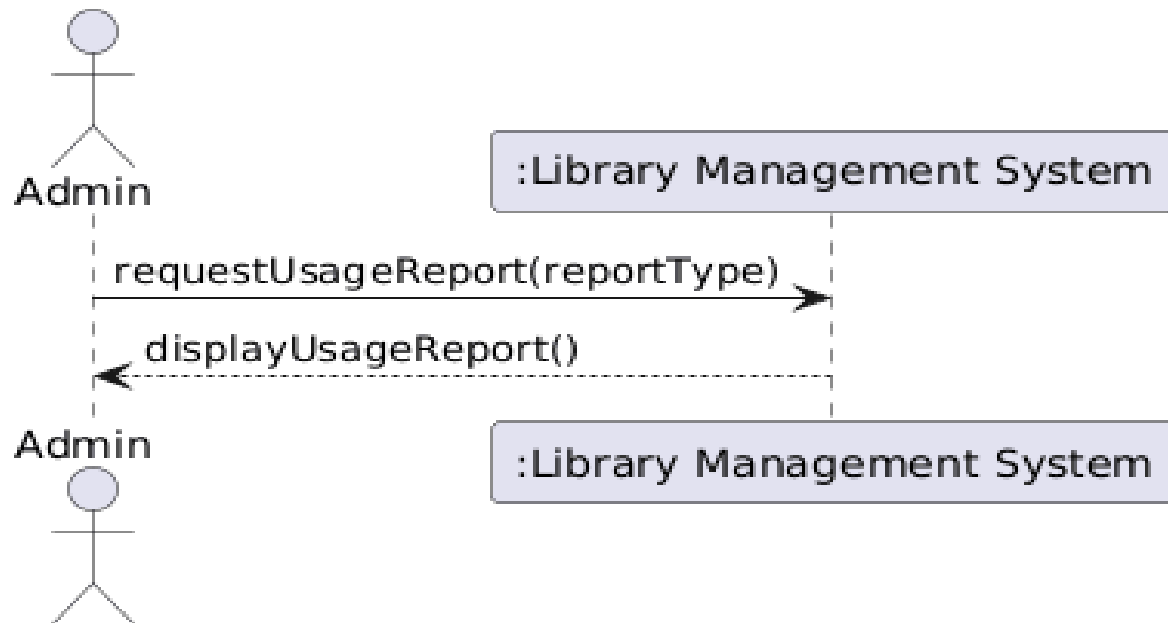
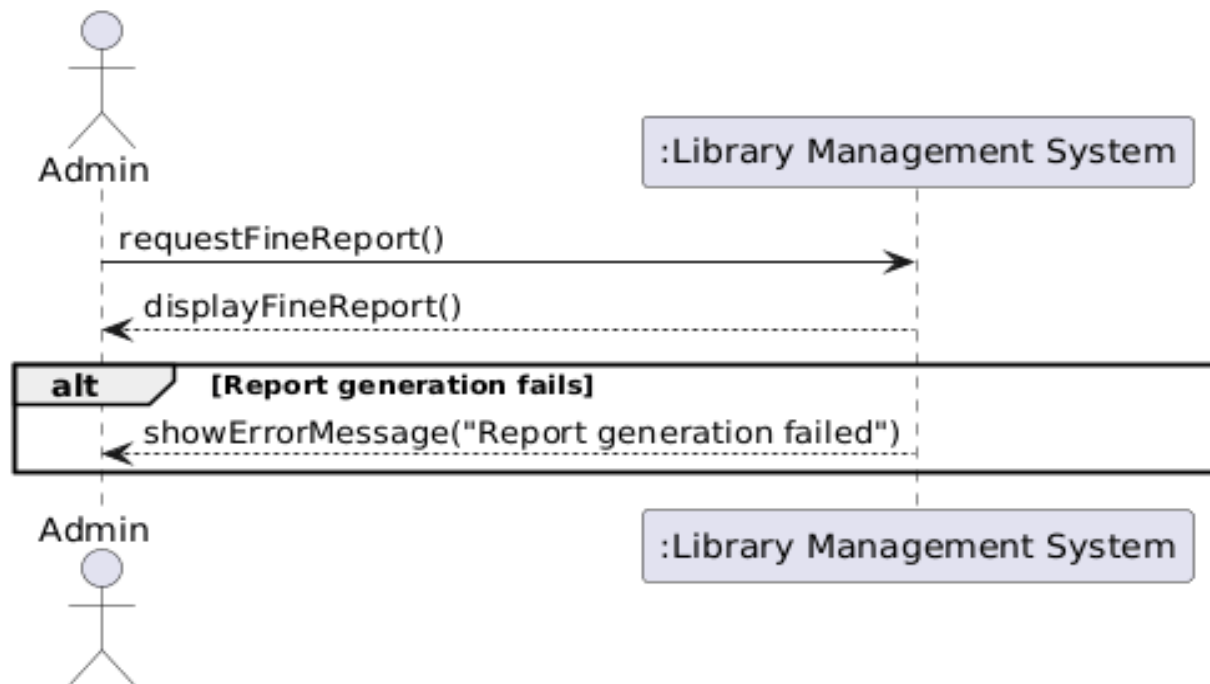UC5 – Track Overdue and Fines:

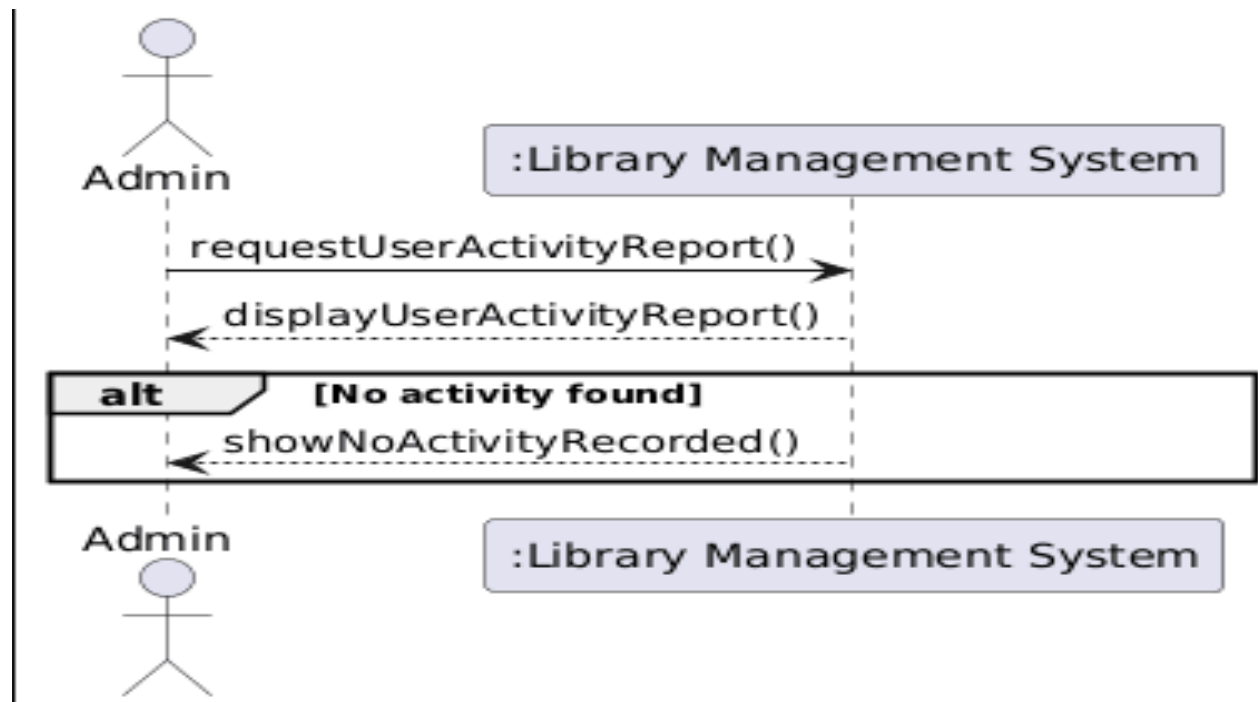
UC6 – Oversee User Activity:
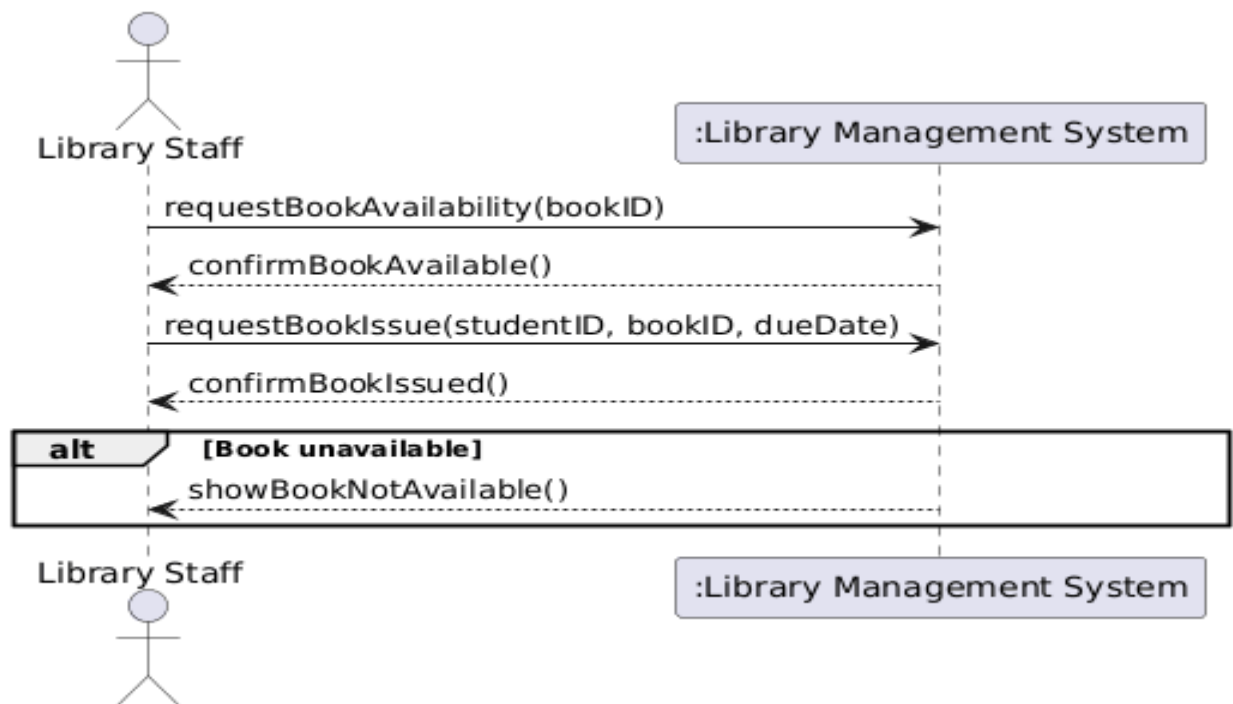
UC7 – Generate Usage Reports:

UC8 – Generate Fine Reports:

UC9 – Generate User Activity Reports:

UC10 – Issue Books:

UC11 – Return Books: