**Classes**

* Member
* Book
* Workspace
* Borrowed/Return

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| **Member** | |
| **Responsibility** | **Collaborators** |
| Update member details |  |
| Borrow Book | Book |
| Return book | Book |
| Calculate due date calculation | Book, Borrowed book |
| Received reservation ID | Workspace |
| Calculate fine |  |

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| **Book** | |
| **Responsibility** | **Collaborators** |
| Update Book details |  |
| Store the book details in the system |  |
| Checking Availability |  |
| Get book details | Member |

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| **Workspace** | |
| **Responsibility** | **Collaborators** |
| Update details |  |
| Update timetables | Members |
| Check availability |  |
| Send a system email | Member |
| Assign the members | Member |
| Get member details |  |

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| **Borrowed/return** | |
| **Responsibility** | **Collaborators** |
| Borrow Book | Members |
| Return book | Member |
| Calculate overdue calculation | Book |
| Calculate due date calculation |  |
| Update the borrowed book | Member , Book |
| Generate overdue book report | Member , Book |