|  |  |
| --- | --- |
| Class member | |
| Responsibility | Collaborators |
|  |  |
| Update timetables | Book, Workspace |
| Update member details |  |
| Borrow Book | Book |
| Return book | Book |
| Calculate due date calculation | Book, Borrowed book |
| Received reservation ID | Workspace |
| Calculate the return day |  |
|  |  |

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

|  |  |
| --- | --- |
| Class book | |
| Responsibility | Collaborators |
| Store the book details in the system |  |
| Update the book details | Member , transaction |
| Checking Availability of books |  |
|  |  |
| Get book details | Member |

|  |  |
| --- | --- |
| Class Borrowed/return | |
| Responsibility | Collaborators |
| Borrow Book | Member |
| Return book | Member |
| Calculate overdue calculation |  |
| Update the borrowed book day | Member , Book |
| Generate overdue book report | Member , Book |

Class Update