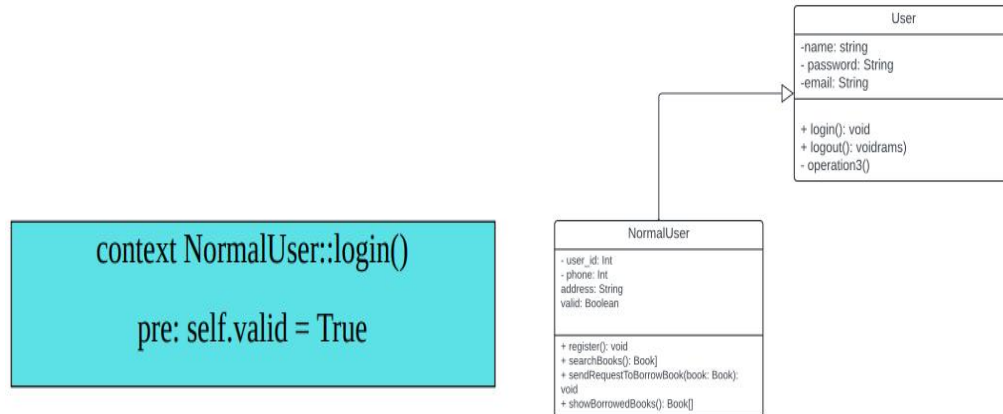
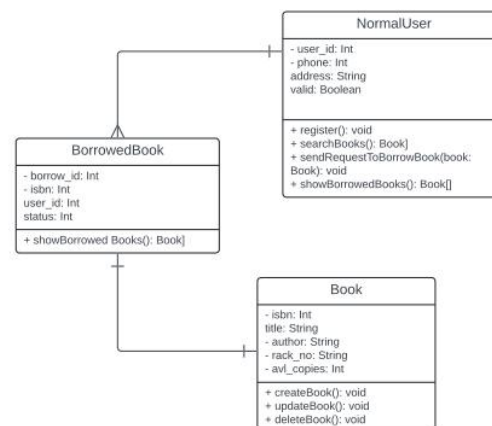
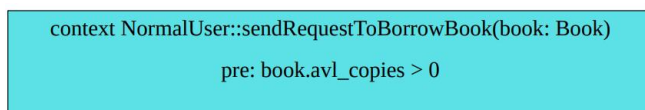


Constraint(a)



Constraint(b)



Constraint(c)

context BorrowedBook inv: status >= 0 and status <= 2
--

BorrowedBook
- borrow_id: Int - isbn: Int user_id: Int status: Int
+ showBorrowedBooks(): Book[]

Constraint(d)

context Book inv: avl_copies <= total_copies

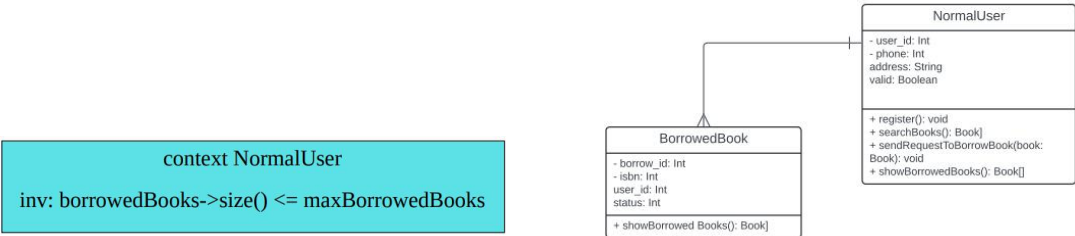
Book
- isbn: Int title: String - author: String - rack_no: String - avl_copies: Int
+ createBook(): void + updateBook(): void + deleteBook(): void

Constraint(e)

context BorrowedBooks::showBorrowedBooks() pre: self.status = 1
--

BorrowedBook
- borrow_id: Int - isbn: Int user_id: Int status: Int
+ showBorrowedBooks(): Book[]

Constraint(f)



Constraint(g)

