**Functional requirement**

1. **Manage book**

* Add, update, delete book by id, name….
* Search book

1. **Manage user**

* Add, update, delete user by id, name…
* Search user

1. **Check information student borrow book**

* Check information of student
* Show list book student is borrow
* Student can be borrow or not borrow book (every student can be borrow maximum is 3 books)

1. **Check security**

* if borrowers bring books and go outside without charging or scanning them before, the security system will announce right away

1. **Manage process borrow book**

* Check information of student in student card by RFID reader
* Show list book student is borrow
* Borrowers find book on the bookshelf then have them scanned in book borrowing aera. Those books will be legal for them to use. The alarm won't ring if books are scanned.

1. **Manage process return book**

* You can borrow a book for a month, after that, you have to register for more days borrowing.
* After 30 days since the book are not returned to the library, the book ID is false.