**Functional requirement**

1. **Manage information**

* Manage books by ID, title … to define and arrange book. Define books status to know who is keeping or borrow logs.
* Manage user (student) by ID (student), name, book own… to define and do action. Define student status to know which book he is keeping or is he activate or deactivate.

1. **Check security**

* User microchip that contains state and some info of book. A scanner will check it’s legal or not.

1. **Management borrow books**

* **Book can be search easily. Then it will be borrow by user. Information about state of user will be update to database**

1. **Management pay books**

* When the book return, the information about borrowing (log info) will be show and then delete to confirm, do some business method and complete borrow processing. The log info will be update to database.