#### The Proposed System

To improve quality and control effectiveness, reduce the process of borrowing and returning the books. We have an idea about the system control library by using RFID technology (Radio Frequency Identification).

##### Desktop application

* + For Librarians:
    - Librarians can manage books (add, update, delete).
    - Librarians can manage student’s information.
    - Can define students who borrow books and number of books which he/she had borrowed.
    - Can define the books which students want to borrow (return) and update to book’s deport, auto update the book’s number which students are borrowing.
  + For students:
    - They can finish borrow-return books process right at borrow area.
    - They can check how much books are borrowed.

##### Hardware

* + The system can read and write information of the card on books and student’s card. Then, we can know which books are borrowed , which students are borrowing.

Transmit data between read head and arduino to handle.