**Description of library manage system**

**This application** create a library manage system.

Students can search books from the database to check if there are enough copies in the library.

Then students can borrow books and return them. The system can record the number of books borrowed by a student. If a book is borrowed, the database will refresh and record. The system can show how many books this student borrowed and the books' names.

And the student’s status will refresh after Borrow and Return.

In this project, we need to meet the requirement following:

Classes, subclasses, try exception, abstract class, at least one interface, multiple sceene, model view controller, and load file or database.

**Class Student, Book, StudentHoldBook are models**, and **StudentHoldBook** are **collection class,** which use ArrayList to collect book information.

**PawPrintKeepAndDelete** are **interface**, and are implemented in LoginPageController and StudentSystemPageController.

Class **Person** are **abstract**, and Librarian and Student class are subclass of Person.

I use MVC in class **MyStatusPageController From line 165 - 214**, I load information from database and put them into model collection class, Student and StudentHoldBook class, and use setText to print them on the scene.

Every time I use database, I use **try , exception**, so It is very obvoius in my project, you can find them every where.

About botton is in LoginPageController, from 108 - 115