Output of our project

Text

Description automatically generated with low confidence

At first the user is asked if they want to proceed in English or French.





Then they are asked if they are a student or librarian. Second picture is a example of the French output.

Librarian:

Text, letter

Description automatically generated

Text, letter

Description automatically generatedIf the user choses librarian they will get this prompt.

Text

Description automatically generated

A picture containing table

Description automatically generated

If the user choses 1 and fill out the correct information they will add a book to the database.

Graphical user interface, text

Description automatically generatedGraphical user interface, text

Description automatically generated

If the user choses the option 2, they will be able to issue a book to a student. They will need to input the student’s id and the books sn to do so.

Graphical user interface, text, application, email

Description automatically generated

If the student already has the book the request will be denied

Graphical user interface, text

Description automatically generatedTimeline

Description automatically generated

Choosing option 3 will allow the user to return a book they borrowed

A picture containing text

Description automatically generated

4 allows you to see the catalog of books

Graphical user interface, text

Description automatically generated5 lets you see the Issued books and to which students they were issued

Text

Description automatically generated

And 6 lets you leave the library

Student:

Text

Description automatically generated

When the user logs in as a Student they will be asked to input their student numbers to verify that they are a Student.

Text, letter

Description automatically generated

Text

Description automatically generated

Then they will be shown 7 options

Graphical user interface

Description automatically generated with low confidence

1 prompts a place to enter the book’s title and it will display all books with that title

Graphical user interface

Description automatically generated with medium confidence

2 does the same thing as 1 except with the Author’s name.

A picture containing diagram

Description automatically generated

3 also does the same except with the Publisher’s name

Text

Description automatically generated with medium confidence

4 allows you to see the catalog of books and all the books that are currently issued

Text

Description automatically generated 5 allows the student to borrow a book

Graphical user interface, text

Description automatically generated A student is not allowed to borrow a book they haven’t returned yet.

Text, letter

Description automatically generated 6 allows you to return a book you borrowed

Text

Description automatically generated with medium confidence7 allows you to leave the library

Graphical user interface, application

Description automatically generated with medium confidence

All JUNIT tests have passed