

COMP2411 Project Demonstration



LIU Zixian 19084087D
HUANG Sizhe 20084413D
Jiao Shouyuan 20074803D

JIA Shangdong 20099629D
HAN Wenyu 21097519D
ZHOU Siyu 21094655D

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01

Set Up Environment

How to set up the proper environment and initialize the application?

.....





02

Log in

How user/manager log in the system?

.....



```
Public > apollo [CentOS 7, 6 X Xeon(R) 2.1GHz, 4GB]
apollo2 [CentOS 7, 6 X Xeon(R) 2.1GHz, 4GB]
```

* Enquiry *

For any further information or "non-urgent" assistance, please Email to :
helpdesk@comp.polyu.edu.hk

In the case that requires IMMEDIATE assistance during our normal office hours
(Mon - Fri: 09:00-18:00), you can:

EITHER, place call to our Service counter at Tel: 27667257,

OR, contact our Service counter at P 5/F in-person
(REMARK: During Term-time, the counter support hours would
be extended as Mon-Fri: 08:30 - 21:00, Sat: 09:00 - 17:00)

OR, place call to our Technical Team supporter as listed in the item
"Technical Support->Areas of Support" under our COMP Intranet
<https://intranet.comp.polyu.edu.hk>

* Special Notes *

1. All files in /tmp of apollo, apollo2, csdoor2 & csdoor3
will be cleanup at 8:00am on every Monday.
2. "If you want to change the password for all COMP systems (be it PC-based or
Unix-based), a "COMP Account Password Management System" is now available
at the web link <https://acct.comp.polyu.edu.hk> to facilitate a one-time
quick operation."
3. To use the current Java version, you need to type:

```
source /usr/comp/javadk/javadk.bashrc
```

And then check the version by: java -version

* Upcoming System Event *

=====

Thanks for your attention.

Tech Support Team

```
20099629d-apollo:/home/20099629d$ cd 2411
20099629d-apollo:/home/20099629d/2411$ java -jar out/artifacts/lms_jar/lms.jar
```

```
|-----|
|          Library Management System          |
|          Log in                             |
|-----|
```

文件 **邮件** 帮助

删除 存档 移动 答复 全部答复 转发 共享到 Teams 存档 标记为未读 中文简繁转换 查找 缩放

保存 回复 转发 向上 向下

COMP2411-Desired Book Available



LMS <l995lil0@qq.com>

收件人 HUANG, Sizhe [Student]

答复 全部答复 转发 更多

2022/11/19 (周六) 19:02

需后续工作。 完成时间: 2022年11月19日星期六。

将邮件翻译为: 中文 (简体) 绝不要翻译: 英语 翻译首选项

'Essentials of Chinese Medicine' is available now!!!

| | | |
|---------------------|----------------------|---------------------|
| search for books | check your record | Important Notice |
| return books | report | cancel reserve |

```

7
Enter a Patron Account ID to deactivate
[001
Patron '001' has been deactivated!!!
Do you want to back to the main page or quit? (enter back/quit)
back

```

```

Main page
What do you want to do?
enter 1 for searching books
enter 2 for checking records
enter 3 for reading notice
enter 4 for return books
enter 5 for cancel reserve
enter 6 for report
enter 7 for deactivating users
enter 8 for activating users
enter quit for quitting
quit

```

| | | |
|---------------------|----------------------|---------------------|
| search for books | check your record | Important Notice |
| return books | report | cancel reserve |

```

8
Enter a Patron Account ID to activate
[001
Patron '001' has been activated!!!
Do you want to back to the main page or quit? (enter back/quit)
quit
20099629d-apollo:/home/20099629d/2411$ java -jar out/artifacts/lms_jar/lms.jar

```





03

Main Page

How to search book information?

How to check the book records?

How to check account status/borrow deadline?

How manager get report?

.....





03

Main Page
Function: search
book, borrow,
reserve, desire

.....



AUTHOR: Philos
ISBN: 9748815344753
CATEGORY: Novel
LOCATION: 1F

Number: 23
BOOK_ID: 100012
BOOK_NAME: Super JIAO
AUTHOR: Jackson
ISBN: 9753445065461
CATEGORY: Novel
LOCATION: 1F

Number: 24
BOOK_ID: 100013
BOOK_NAME: Super JIA
AUTHOR: Shangdong
ISBN: 9753445074161
CATEGORY: Novel
LOCATION: 1F

Number: 25
BOOK_ID: 100016
BOOK_NAME: Atom
AUTHOR: Tom
ISBN: 9753445075315
CATEGORY: Physics
LOCATION: 6F

Number: 26
BOOK_ID: 100017
BOOK_NAME: Organics
AUTHOR: TU
ISBN: 9753445077485
CATEGORY: Chemistry
LOCATION: 6F

Number: 27
BOOK_ID: 100027
BOOK_NAME: C++:From beginners to masters
AUTHOR: Paul,Sauna
ISBN: 9788763456026
CATEGORY: Computer Science
LOCATION: 8F

If you find your book, please enter the number of the book. If you don't find your book, and you want to search again, please enter 0, or you want to go back to main page, please enter "back"

27

Sorry, the book is not Available now! You can enter 1 (desire)(notify you when available) 0 (search again) back (back to main menu)

0

| |
|--|
| Library Management System Searching system |
| Please input information of the book you desire below If you don't know few information, please enter '/' |

```
at Controller.searchFace(Controller.java:390)
at Controller.main(Controller.java:95)
20099629d-apollo:/home/20099629d/2411$ java -jar out/artifacts/lms_jar/lms.jar
```

```
-----
Library Management System
Log in
-----
| Please enter your ID |:
```

The ID is not exist, please enter again!

The ID is not exist, please enter again!

The ID is not exist, please enter again!

The ID is not exist, please enter again!

100

```
-----
| Please enter your password |:
QWERTYUIOP
```

```
-----
Welcome!
-----
```

```
-----
Main page
-----
What do you want to do? | quit |
enter 1 for searching books
enter 2 for checking records
enter 3 for reading notice
enter 4 for return books
enter 5 for cancel reserve
enter 6 for report
enter 7 for deactivating users
enter 8 for activating users
enter quit for quitting

| search for | | check your | | Important |
| books | | record | | Notice |

| return | | report | | cancel |
| books | | | | reserve |
-----
```

```
quit
20099629d-apollo:/home/20099629d/2411$ java -jar out/artifacts/lms_jar/lms.jar
```

```
-----
Library Management System
Log in
-----
| Please enter your ID |:
001
-----
| Please enter your password |:
```



03

Main Page
Function: check
record, check notice

.....



Searching system

Please input information of the book you desire below
If you don't know few information, please enter '/'

| Name of the book |:

| Author of the book |:

| Category |:

Number: 1
BOOK_ID: 100016
BOOK_NAME: Atom
AUTHOR: Tom
ISBN: 9753445075315
CATEGORY: Physics
LOCATION: 6F

If you find your book, please enter the number of the book. If you don't find your book, and you want to search again, please enter 0, or you want to go back to main page, please enter "back"

1
The book is Available now! You can enter 1 (borrow)(take it now!) 2 (reserve)(take it in 3 days!) 0 (search again) back (back to main menu)

1
Congratulations, your borrow is successful!

Main Page

What do you want to do? | Quit |
Enter '1' for searching books
Enter '2' for checking records
Enter '3' for reading notice
Enter '4' for return books
Enter '5' for cancel reserve
Enter 'quit' for quitting

| | | |
|---------------------|-----------------------|---------------------|
| Search for Books | Check your Records | Important Notice |
|---------------------|-----------------------|---------------------|

| | |
|-----------------|-------------------|
| Return Books | Cancel Reserve |
|-----------------|-------------------|



03

Main Page

**Function: return book,
cancel reserve**

.....



| | | |
|---------------------|----------------------|---------------------|
| search for books | check your record | Important Notice |
| return books | report | cancel reserve |

8
Enter a Patron Account ID to activate
{001
Patron '{001' has been activated!!!
Do you want to back to the main page or quit? (enter back/quit)
quit
20099629d-apollo:/home/20099629d/2411\$ java -jar out/artifacts/lms_jar/lms.jar

| |
|--|
| Library Management System Log in |
| Please enter your ID : |
| {002 Your account is DEACTIVATED! Your account IS DEACTIVATED! Please contact to the AR department! 20099629d-apollo:/home/20099629d/2411\$ java -jar out/artifacts/lms_jar/lms.jar |

| |
|---------------------------------------|
| Library Management System Log in |
| Please enter your ID : |
| {001 Please enter your password : |
| computing111 Welcome! |

| | | |
|--------------------------------|-----------------------|---------------------|
| Main Page | | |
| What do you want to do? | | Quit |
| Enter '1' for searching books | | |
| Enter '2' for checking records | | |
| Enter '3' for reading notice | | |
| Enter '4' for return books | | |
| Enter '5' for cancel reserve | | |
| Enter 'quit' for quitting | | |
| Search for Books | Check your Records | Important Notice |
| Return Books | Cancel Reserve | |

| | | |
|---------------------|----------------------|---------------------|
| search for books | check your record | Important Notice |
| ----- | | |
| return books | report | cancel reserve |
| ----- | | |

8
Enter a Patron Account ID to activate
001
Patron '001' has been activated!!!
Do you want to back to the main page or quit? (enter back/quit)
quit
20099629d-apollo:/home/20099629d/2411\$ java -jar out/artifacts/lms_jar/lms.jar

| |
|-------------------------------------|
| Library Management System Log in |
| ----- |

| Please enter your ID |:

002
Your account is DEACTIVATED!
Your account IS DEACTIVATED! Please contact to the AR department!
20099629d-apollo:/home/20099629d/2411\$ java -jar out/artifacts/lms_jar/lms.jar

| |
|-------------------------------------|
| Library Management System Log in |
| ----- |

| Please enter your ID |:

001

| Please enter your password |:

computing111

Welcome!

| | | |
|--------------------------------|-----------------------|---------------------|
| Main Page | | |
| ----- | | |
| What do you want to do? | | Quit |
| ----- | | ----- |
| Enter '1' for searching books | | |
| Enter '2' for checking records | | |
| Enter '3' for reading notice | | |
| Enter '4' for return books | | |
| Enter '5' for cancel reserve | | |
| Enter 'quit' for quitting | | |
| ----- | | |
| Search for Books | Check your Records | Important Notice |
| ----- | | |
| | | |
| Return Books | Cancel Reserve | |
| ----- | | |



03

**Main Page
Manager Function:
read report,
activate/deactivate
accounts**

.....



```
Number of book: 2| BookName: Algorithms Isreturned: NO DueDate: 2022-12-17
Number of book: 3| BookName: Essentials of Chinese Medicine Isreturned: NO DueDate: 2022-12-17
Number of book: 4| BookName: Super JIAO Isreturned: NO DueDate: 2022-11-21
Number of book: 5| BookName: Atom Isreturned: NO DueDate: 2022-12-17
Please enter the number of the book to return. If you don't find your book, or you want to go back to main page, please enter "back"
5
return successfully
Do you want to back to the main page or quit? (enter back/quit)
back
```

| Main Page | | |
|--------------------------------|------------|-------------|
| What do you want to do? | | ----- Quit |
| Enter '1' for searching books | | |
| Enter '2' for checking records | | |
| Enter '3' for reading notice | | |
| Enter '4' for return books | | |
| Enter '5' for cancel reserve | | |
| Enter 'quit' for quitting | | |
| ----- | | |
| Search for | Check your | Important |
| Books | Records | Notice |
| ----- | | |
| | | |
| ----- | | |
| Return | Cancel | |
| Books | Reserve | |
| ----- | | |

```
5
Your reserved records are below:
Number of book: 1| BookId: 100002 BookName: Introduction to Algorithms CancelDate: 2022-11-19
Number of book: 2| BookId: 100012 BookName: Super JIAO CancelDate: 2022-11-19
Please enter the number of the book to cancel. If you don't find your book, or you want to go back to main page, please enter "back"
2
cancel successfully
```

| Main Page | | |
|--------------------------------|------------|-------------|
| What do you want to do? | | ----- Quit |
| Enter '1' for searching books | | |
| Enter '2' for checking records | | |
| Enter '3' for reading notice | | |
| Enter '4' for return books | | |
| Enter '5' for cancel reserve | | |
| Enter 'quit' for quitting | | |
| ----- | | |
| Search for | Check your | Important |
| Books | Records | Notice |
| ----- | | |
| | | |
| ----- | | |
| Return | Cancel | |
| Books | Reserve | |
| ----- | | |

Thanks!

