Library Management Systems

COMP2411 Database Systems

Group 4

Objectives

The LMS shall completely automate library activities to better handle book issuing, return, and reservation, as well as organize, maintain the library systematically.

Target User

Library Administrator / Librarian

Environment Set Up

Running Platform
COMP Department's Linux Server

IDEA
IntelliJ IDEA (Version: 2022.1.2)

Java JDK Version
1.8.0_20

Database
Oracle SQL Plus 19.3.0.0.0

Department of Computing
電子計算學系

THE HONG KONG
POLYTECHNIC UNIVERSITY
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Task List

Operation on System

Add & Delete Book and User

Operation on User

Search Books

Search Users

Rent Books from Library

Rent Books from Placed Book

Want Books

Return books

Cancel from reserved book

Cancel from placed book

Data Refresh

Refresh User status

Refresh Expired book

Data View

Analysis Report

Set Date

Exit

Thank you very much

Wish you a pleasure journey with the LMS !

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