



الجامعة الإسلامية العالمية ماليزيا
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
يُونَيْتِي سَلَامٌ اِنْتَارَا بَعْثًا مِلْسِيَا

KULLIYAH OF INFORMATION & COMMUNICATION TECHNOLOGY

CSC 1103 OBJECT ORIENTED PROGRAMMING SEMESTER 1, 2017/2018 SECTION 6

GROUP PROJECT: Library Management System

PREPARED BY:

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LECTURER

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1. Introduction

This project is about the Library Management System. The purpose of this project is to make managing for books and clients in the library easier for the user. Currently all the operation at the library is done manually for the users. The Library Management System replaces some of the manual process with an integrated computerised system that will capture records, improve user service and increase user satisfaction.

2. Project scope

The scope of our project is to create user-friendly library management system and enable the user to conduct book transaction and perform certain roles in the library system. In this project, we attempt to incorporate what we have learnt in our previous lesson as much as possible to have a better understanding of the project. There are several challenges and constraints we will face in this project and hopefully, what we have learnt from our previous mistakes will be useful for our future projects since we would have encountered it.

3. Roles of team member

- Zaim- Team leader, Homepage for admin and librarian, Login, Logout
- Danial- Administrator task , group report
- Adam- Librarian Task, UML
- Rashydan- Librarian Task, Design

4. Function of each button

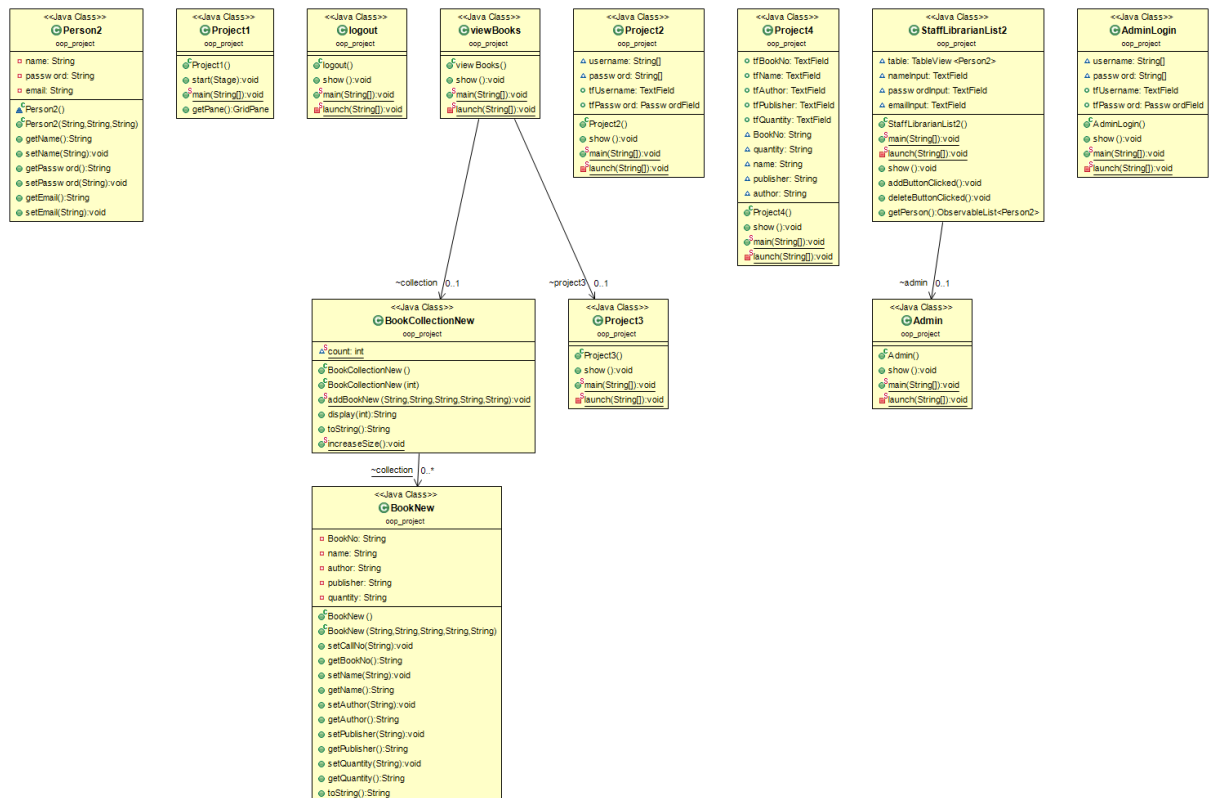
(A) As Admin

- 1) "Admin Login" -Proceed to the next page to login as Admin
- 2) "Login" button after entering correct username and password will proceed to execute administrator tasks.
- 3) Administrator tasks are (i)Add/Delete Librarian ii)Logout
 - i) Add/Delete Librarian
 - a.) "Add" button will add the text field (name,password,email) into the table.
 - b) "Delete" button will delete the selected text field from the table.
 - c) "Back Button" will go back to step 3)
 - ii) Logout- User log out and back to the home page.

(B) As Librarian

- 1) "Librarian Login" -Proceed to the next page to login as Librarian
- 2) "Login" button after entering correct username and password will proceed to execute Librarian tasks.
- 3) Librarian tasks are (i) Add Books ii) View Books and iii)Logout
 - i) Add/Delete Librarian
 - a.) "Add Books" button will add the text field entered (Book No.,Name,Author,Publisher,Quantity) into the table.
 - b) Back Button" will go back to step 3)
 - ii) "View Books" button will display the list of Books.
 - a) Back Button" will go back to step 3)
 - iii) "Logout Button" User log out and back to the home page.

5. UML diagram



6. Defect (if any)

- The name, email & password entered in Admin system is not applicable or retrievable for the Librarian system.
- The account for admin and librarian are limited.
- In order to ensure the robustness of the program, we reduced the button of duties and buttons.