## LIBRARY MANAGEMENT DATABASE SYSTEM [DBS PROJECT]

*Abstract of the project*

**TEAM MEMBERS and details:**

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| **S.NO** | **NAME** | **ROLL NUMBER** | **REGISTRATION ID** |
| 1. | Melvin Jacob | 64 | 170905520 |
| 2. | K. Sanjay Prabhu | 65 | 170905528 |

**Problem description:**

Design a library management database system which has an administrator who overlooks the library, a librarian who can add/delete/view/issue the books to the students and faculties, who can access the books of various authors by their respective ID.

**Objective:**

The objective is to create a library management system. The landing page consists of login options for an administrator, a librarian, a student, and a faculty.

1. The administrator logs in with his/her username and password and has the option of adding a librarian, viewing the list of all librarians, deleting a librarian, and logging out.

2. The librarian logs in with his/her username and password and has the option of adding one or more books, viewing the list of all books in the library, issuing a book, viewing the list of all issued books, returning a book, and logging out.

3. The student can login using their student ID and a password and has the option of searching for a particular book by providing the details of the same.

4. The faculty can login using their teaching ID and a password and has the option of searching for a particular book by providing details of the same.

**Tools to be used:**

1. Front end -> Java
2. Back end-> Oracle (database)