Library Management System

Use Case Document:

Group: PROJ-08

1. <u>Use-case</u>: Issuing or Re-Issuing a book

Actor: Librarian

Action: Enter the ID of person to fill the details and subsequently enter the ID of the

book and clicks issue button.

Outcome: Information about book and student who borrowed gets updated accordingly.

2. Use-case: Add or remove books

Actor: Librarian

Action: Enters the details of new books(book name, author name) and adds or removes

the book.

Outcome: Books get added to the database or removed from the database accordingly.

3. <u>Use-case</u>: Search books

Actor: Students and staff

Action: Log-in and Search for a book in search bar by it's author name or book name or

book ID or keyword.

Outcome: List of books with that property gets displayed.

4. <u>Use-case</u>: History of book transactions

Actor: Students and staff

Action: Log-in and check history of book transactions.

Outcome: List of book transactions is shown by date(Issued date and return date).

5. Use-case: Request for new books

Actor: Staff

Action: Log-in and enter the details of book, that are recommend.

Outcome: The corresponding details of the recommendation is stored, so that the

librarian and admin can see through.

6. <u>Use-case</u>: Display penalty report

Actor: Students

<u>Action</u>: Log-in and view penalty report.

Outcome: Details of penalties(for returning late, tampering the material etc) for each

book are listed down.

7. <u>Use-case</u>: Register new users

Actor: Administrator

Action: Log-in and enter the details of the user and allot some ID to them.

Outcome: User gets registered, subsequently his information gets stored in the database.

8. Use-case: View or remove user info

Actor : Administrator

Action: Log-in and search user by name or ID and view their profile. If required can also

remove the user.

Outcome: Info of the student is returned and if removed, their membership gets

cancelled ,subsequently their info is removed from the database.

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