Institute of Information Technology

Jahangirnagar University

LAB Exercise 1: Prepare Problem Statement for Library management system project.

Software Engineering Lab Exercise Report Submitted By:

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EXCERCISE NO. 1

AIM: To Prepare Problem Statement for Library Management System project.

REQUIREMENTS:

Hardware Interfaces
- Pentium(R) 4 CPU 2.26 GHz, 128 MB RAM
- Screen resolution of at least 800 x 600 required for proper and complete viewing of screens. Higher resolution would not be a problem.
- CD ROM Driver

Software Interfaces
- Any window-based operating system (Windows 95/98/2000/XP/NT)
- WordPad or Microsoft Word

PROBLEM STATEMENT:

Finding our Why:

In our project, we have problems with file management and finding books, and library notice. We want to work into those and really drill down by asking a few times.

Finding our Who:

After asking few students and Librarian, we had the three roles presenting problems. Students face problem when they don't notice board as a result sometime, they can't know the opening and closing time in weekend day. Students also suffer to find their appropriate books from our large library. Moreover, workers also suffer when they need to give library clearance because they need to search huge handwriting file.

Finding our When:

Students: When they need to rent books and Library clearance. Librarians: When they need to find or keep student information.

Finding out Where:

Mainly this problem occurs inside the library.

Finding out What:

The system is developed to cope up with the current issues and problems of library. After computerized system is implemented less human force will be required to maintain the library thus reducing the overall cost. Librarian can search record by using few clicks of mouse and few search keywords thus saving his valuable time. Librarian will be able to provide a detailed description of workshops going in the varsity.