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We will discuss and analyze about the developing process of Library Management System including software requirnment,Existing and proposedsystem and hardware requirnment.

First of all we discuss System Analysis:

System Analysis:

⃝ System Analysis is a process of studying and observing a system to know how it work and to identify its goal and purpose.

⃝ System Analysis is conduct for the purpose of studying a system or its part in order to identify its objectives.

⃝ System Analysis specifies “what the system should do” .

Software Requirnment:

⃝ It is the description of the feature and functionality of the target system.

⃝ It is the description of what system should do.

⃝ It has a four step process which includes:-

1.Feasibility Study

2.Requirnment Gathering/Elicitation

3.Software Requirnment Specification

4.Software Requirnment Validation

Existing system:

Existing system is a detailed study of the various operation performed by a system and their relationship within and outside of the system.

Proposed system:

Proposed system is an automated Library Management System. Through our software user can add members,add books ,search member,search books,edit information,borrow and return books in quick time.

Hardware and software Requirnmet of the project:

Hardware Requirnment:

1.Laptop/Desktop

2.Minimum 1 GB RAM

3.Minimum 100 GB HDD

Software Requirnment:

1.Windows Operating System

2.Python 3.7 or its equivalent software

3.MySQL Server 5.1 must be installed on the system