**Stanford Library**

**STAKEHOLDERS**

|  |  |
| --- | --- |
| **ACTOR** | **What he can do on the Software Created** |
| Student | * Please mention here what the students should be able to do. You can have more than 1 point. |
| Library Staff | * Please mention here what the library staff should be able to do. You can have more than 1 point. |
| Management | * In this line item please suggest what the management system must do. |

**PROBLEM DEFINITION AND SOLUTION**

Here you can mention why we need this library system for both: the library and the student. Can write more than 1 point.

**Advantages of LMS**

Advantages of Library Management System:

* Write down the high-level advantages for canteen and the library and the student.

**EXISTING SYSTEM**

* How is the existing system? Does it have any of the mentioned features already?

**PROPOSED SYSTEM**

What is the proposed solution or system? Mention in points how the system itself will be for the user. (Sample points given, you can add more to it)

* User friendly interface
* …
* …

**Flowchart for LMS**

Create and provide a flow chart for the system.

**SCOPE using Use Case Diagram (UML)**

Create a use case diagram including all the actors and processes for an end to end process of the system.

**SCOPE using Context Diagram**

Depict the scope using Context diagram.

**DATA FLOW DIAGRAM**

Create a data flow diagram.

**IN SCOPE**

* Mention the name of features and what they are used for.

**OUT OF SCOPE**

* What are the facilities or features—for the library and the students—the are out of scope or cannot be implemented now.

**Wireframes:**

Create sample wireframes for the system. Capture what screen will be show to the library employees to create records for each book and at what stage in the system.

**ER DIAGRAM FOR THE SOFTWARE**

Create an ER Diagram for the system you have designed.

**FUNCTIONAL REQUIREMENTS**

* Write down all the functional requirements for the system in a list format.

**NON-FUNCTIONAL REQUIREMENTS**

Write all the nonfunctional requirements for the system.

**System Requirement:**

**Usability:**

**Environments**