

Software Requirement Specification

Library Management System

Team Members:

John Mugesh C

Dillon D

Royal Rivaldo R

Soundhar S

1.Introduction:

1.1.Purpose:

The purpose of this document is to provide a comprehensive Software Requirements Specification (SRS) for the Library Management System (LMS). This document serves as a blueprint for the design, development, and testing of the LMS, outlining the system's functional and non-functional requirements. It is intended to facilitate a shared understanding among project stakeholders, including developers, testers, and end-users, to ensure the successful implementation of the system.

1.2.Document Convention:

Entire document must be justified

Convention for Main title

- Font face: Times New Roman
- Font size: 20
- Font style: Bold

Convention for Subtitle

- Font face: Times New Roman
- Font size: 17
- Font style: Bold

Convention for Header

- Font face: Times New Roman
- Font size: Bold
- Font style: 13

Convention for Body

- Font face: Times New Roman
- Font size: Normal
- Font style: 11

1.3.Scope of Development Project:

1.4.Definition, Acronyms and Abbreviations:

2.Overall Descriptions:

2.1.Product Perspective(Use Case):

2.2.Product Function(ER Diagram):

2.3.User Classes and Characteristics:

2.4.Operating Environment:

2.5.Assumptions and Dependencies:

2.6.Requirements(S/w & H/w):

2.7.Data Requirements:

3.External Interface Requirement:

3.1.GUI

4.System Features:

5. Other Non functional Requirements:

5.1. Performance Requirements

5.2. Safety Requirements

5.3.Security Requirements

5.4. Requirements Attributes:

5.5. Business Rules:

5.6. User Requirements:

6. Other Requirements

6.1Class Diagram: