Library Book Loan System
Vision

1.   Introduction

The purpose of this project is to collect, analyze and define the information and features of the library book rental system needs. In this project, the target group of the library book rental system being developed are the librarian, the staff of the library, the library users (students, academicians etc.)

Our goal in this project is to define the use of the library management system. It also describes the library management system requirements and design constraints. The requirements define and explain the operations, interfaces, performance and quality assurance requirements of the Library Management System.

2.   Positioning

2.1   Problem Statement

The problem of	Loaning a book fast and keep track of actions
affects	Users and librarian
the impact of which is	Difficulty in searching books and keeping records of loaning. Also keeping track of user actions.
a successful solution would be	All actions of user will be logged and loaning operations can be done by distance.

2.2   Product Position Statement

For	All libraries
Who	Need to keep track of loaning books and user actions.
The (Library Book Loan System)	is a Desktop Application.
That	Helps librarian to keep track of actions and books. Also makes easy to search books and loan them for users.
Unlike	Old-fashioned manual management methods.
Our product	Library Book Loan System

3.   Stakeholder Descriptions

3.1   Stakeholder Summary

Name	Description	Responsibilities
Librarian	Librarian uses system for keep track of books and readers.	Keep database of system updated to establish proper behaviour of application. Must know working principle of system to help users on troubles.
User	Readers who uses system to search for book and loan them.	They must be comfortible to use system and enter the proper information.

3.2   User Environment

The will be two main users of system. First a librarian who manipulates users and books, secondly a user who searchs for books and does loan operations. All the tasks in this system takes 3-5 minutes. Desktop pcs with all operating systems which supports Java can handle this application. There will be proper documentation for users to use system safe and comfortable.

4.   Product Overview

4.1   Needs and Features

Need	Priority	Features	Planned Release
Book management for librarian	High	Book Management	15.03.2017
User management for librarian	High	User Management	18.03.2017
Search for books	High	Book Search	20.03.2017
Loaning books automatically	High	Self Checkout	25.03.2017
Returning books automatically	High	Self Return	30.03.2017
Adding name to waiting list.	Normal	Waiting List	5.04.2017
Paying fine for book	Normal	Payment System	10.04.2017

5.   Other Product Requirements

Requirement	Priority
Internet connection	High
Java Enviroment	High
Operating System which supports java	High