

<Project Name>	
Vision	Date: <06/03/17>

<Library Management System> Vision

1. Introduction

This document points out the key needs and features of the stakeholders, and the view of the stakeholders of the technical solution to be developed. The vision document contains an outline of the envisioned core requirements for the system.

2. Positioning

2.1 Problem Statement

The problem of	It's hard to keep track of books
affects	Librarians, management and members
the impact of which is	The return of the some books are delayed. Books and records can be lost. It's hard to track transactions. This is causing money loss. It's hard to access books.
a successful solution would be	Develop electronic system to control books and members.

2.2 Product Position Statement

For	Public Libraries
Who	Citizens
The (product name)	is a Management System
That	book booking option
Unlike	web based government library systems (for ex. http://www.adnanotukenkutup.gov.tr/)
Our product	is more functional

3. Stakeholder Descriptions

3.1 Stakeholder Summary

Name	Description	Responsibilities
Administrator	Administration of library	-Approves funding -Add/Delete/Update Librarians

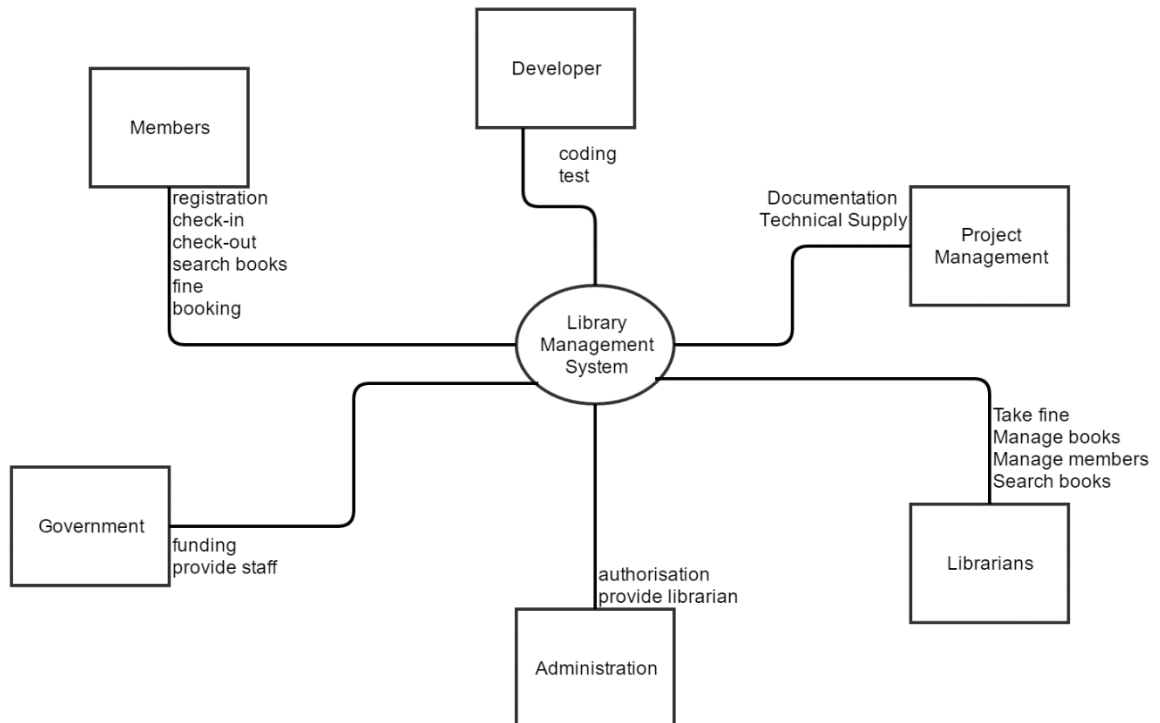
<Project Name>	
Vision	Date: <06/03/17>

Librarian	Employees of library	<ul style="list-style-type: none"> -Add/Delete/Update Books -Add/Delete/Update Members -Check members and transactions -Check-In and Check-Out
Member	Member of library	<ul style="list-style-type: none"> -Update/Delete Profile -Search books -Check-In -Check-Out -Book books -Pay Fine
Project Manager	Controls the project group according to their issues and prepares plan about the software project.	<ul style="list-style-type: none"> -Leads the project planning -Coordinates communications with the stakeholders -Keeps the project team to focus on project objectives
Analyst	Analyze the problem and the expectations of stakeholders	<ul style="list-style-type: none"> -Collects information from the stakeholders to understand the problem that needs to be solved - Sets priorities for requirements - Represents customer and end-user concerns
Architect	Responsible for defining the software architecture	<ul style="list-style-type: none"> -Including the adoption of basic technical decisions on the overall system design and implementation
Developer	Responsible for developing a part of the system	<ul style="list-style-type: none"> -Design the system to fit the architecture -To prototype the prospective user interface. - Implement components, unit testing and integration
Tester	Tests the main project	<ul style="list-style-type: none"> - Identifying, defining, implementing, and managing the necessary tests - Logging the outcomes of the testing and analysing the results

3.2 User Environment

There are three types of intended users. One will be referred to as just “*member*”, that will be for anyone that wishes to borrow a book from the system and everything else that comes wrapped around that task (such as returning the book, reserving it...). The other type of user is the *librarian* type. Librarians has access to add, delete and update book and member to the system. The last type of user is the *administrator* type. Administrator has access to add, delete and update librarian to the system.

<Project Name>	
Vision	Date: <06/03/17>



There aren't any restrictions on how many members and librarians can access the system at any given time or how many users there can be. Number of librarians and members can change in time. The system is designed as a desktop application. Windows operating system is supported this application does not works on mobile devices. Internet connection is not required to run this application.

4. Product Overview

4.1 Needs and Features

Need	Priority	Features	Planned Release
The user must confirm who they are in the database so books they borrow can be kept track of the librarian type user must also be in this database to manipulate books.	High	Login	04.04.2017
A new user must be allowed to login through the evacuation of the current user in the system.	High	Logout	04.04.2017
The user must be allowed to find the book(s) they wish to borrow.	High	Search book	25.04.2017
The user must be able to borrow a book that is available using bar-code.	High	Self-check-out	25.04.2017

<Project Name>	
Vision	Date: <06/03/17>

The user must be able to return a book they borrowed	High	Self-check-in	25.04.2017
If the book the user wants is unavailable, the user can add that book to a waiting list.	Low	Add name to book waiting list	16.05.2017
The user must be able to see a list of all the books they borrowed or plan to borrow.	Low	View my books	16.05.2017
If a user has been unable to return a borrowed book in its given time, a fine must be issued by the system to their account. The user must be informed.	Medium	Issue late fine	16.05.2017
If a fine was issued to an account, the user of that account must be able to pay that fine.	Medium	Pay fine	16.05.2017
If the book on the user's waiting list is available, the user must be notified by the system.	Low	Notify of book being available	16.05.2017
The librarian type user must be able to create, add, update and delete books	High	Manipulate book	25.04.2017
The system itself must allow for the creation, reading, updating and deletion of both types of user accounts.	High	Manipulate members	25.04.2017

5. Other Product Requirements

Requirement	Priority	Planned Release
Expandable System	1	16.05.2017
Instant result	2	25.04.2017
User Manuals	3	At the project delivery
Installation guides	3	At the project delivery
Easy interface	2	25.04.2017
Only Windows OS supported	1	25.04.2017
Stability	1	25.04.2017
Safety	1	25.04.2017

<Project Name>	
Vision	Date: <06/03/17>

Promoting	3	At the project delivery
-----------	---	-------------------------