

Library Book Loan System	- Group 13- Ahmet Ayan (21327661) Burak Enes Atalar (21426658) Arafat Yılmaz (21328581)
Vision	Date: 07/03/2017

# Library Book Loan System Vision

## 1. Introduction

The library book loan system project we have prepared serves a very important purpose. Today, many institutions providing education such as universities, high schools, primary schools have privatized or state-owned libraries. If we think about so many libraries and books, we can draw more attention to the importance of a proper library software system. Any reader should be able to access the books in these libraries at any time without losing time and using the resources correctly.

For this reason, software should be able to respond to these requirements and be used by many organizations without any problems. Our primary goals are easy operation, low cost and trouble-free operation.

## 2. Positioning

The library book loan system software we designed seems to belong only to Hacettepe University. However, we should improve the face of project and software in the background of the project better and we should address more institutions. For this we have to make the software compatible with every system and every content. From search criteria to classification, they must have features appropriate to each content. In short, we have to build a library system in a real sense with detailed study.

### 2.1 Problem Statement

The problem of	Inadequate library book loan system.
affects	Book lovers, educational institutions and libraries.
the impact of which is	People can't find the books they want or arrive late, and therefore they can be reluctant. Or an existing book does not appear in the system.
a successful solution would be	Finding books on time. Correct follow-up of borrowed books. All content on this page is displayed to the users.

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## 2.2 Product Position Statement

Our product can work in any environment and can adapt to mobile devices. We have rich content through agreements we have made with many libraries, and the security of the user is our first priority. All services and features are free once the product has been received and in continuous development of the product. In short, quality is not something that is similar to that of similar products on the market, but because of its cost and user friendliness, our library system is the unbeatable product of the market.

For	People working in the library and using the library
Who	The highest quality product according to prices in the market
The (product name)	Library Book Loan System
That	Low cost and stable working
Unlike	Constantly Updatable
Our product	Engineer working for better project all time

## 3. Stakeholder Descriptions

### 3.1 Stakeholder Summary

Name	Description	Responsibilities
<b>Ahmet Ayan</b>	-Reporter -GitHub User -Researcher -Project Manager	-Regularly report project progress -Loads project files into the GitHub -Make the necessary research for the project
<b>Arafat Yılmaz</b>	-Reporter -GitHub User -Researcher	-Regularly report project progress -Loads project files into the GitHub -Make the necessary research for the project
<b>Burak Enes Atalar</b>	-Coder -GitHub User -Researcher	-Coding the software -Loads project files into the GitHub -Make the necessary research for the project

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### 3.2 User Environment

Our goal is to appeal to people in every level, even though our project target audience is educated people. So we must plan our standards accordingly. Our system should be able to serve many people, work fast and perform adequately without being affected by network problems.

Today, life is rapidly becoming dependent on mobile devices and the number of mobile devices is increasing. That's why our system should be compatible with mobile devices. But at first, we have to develop our project as a desktop application and see the level of progress.

## 4. Product Overview

### 4.1 Needs and Features

Need	Priority	Features	Planned Release
Easy to find	Medium	The ability to access the requested database with up to two clicks	After testing process
Rich content	Low	Proper use of database, frequent server maintenance and detailed content search	After testing process
Ability to work in any environment	High	Use of new technology and infrastructure software systems	1'st and 2'nd week
Stabile and at the same time quick work	High	Making background coding in a planned way and passing each step through the tests	1'st week
Interesting interface	Low	The precise execution of front-end develop and the use of eye-catching, unobtrusive scripts	3'rd week
Low cost	Medium	Instead of using the highest quality hardware in the software, you should use hardware with high efficiency / cost ratio	All working time

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## 5. Other Product Requirements

Requirement	Priority	Planned Release
Simple and Understandable GUI	High	3'rd week
Help Button	Medium	Last week
User Information Security	High	All working time