

Team Name: #1

Team Members: Erkin Deveci, Ece Bitiren , Gizem Yiğit, Akın Moroğlu , Yunus Kalaycı , Muhammed Aldoğan

Project Name: Library Automation System

Project Scope:

Library automation system(LAS) is an ERP system for a library.It is used to track , borrow , order made items which are books, magazines, films. LAS has two different GUI's inside one for admin or moderators or staff the other one for users. Because of the web-based portals had become famous vendors offered more functionality LMS systems. Looking for these systems staff can manage(insert,update,delete) all the index remotely. Also users can log in to view items over internet.

Project Development:

Rapid application development technique must be in use because of the schedule. 2 months required to analyze the system ,making tests and for development phase. For this reason .Net platforms meet our needs in specified time.

Team Manager - Erkin Deveci

Analysis - Akın Moroğlu , Ece Bitiren

Development Team - Erkin Deveci

Measurement Team - Ece Bitiren , Gizem Yiğit,Muhammed Aldoğan, Erkin Deveci

Testing Team - Gizem Yiğit, Muhammed Aldoğan, Yunus Kalaycı

Project Definiton

In this project the web based library automation system will be handed in a pre-limited time, a span of about 2 months, and along this interval the documentation, development, measurement and testing of the system will be completed one by one, and the project will be structured according to the determination of the scope, purpose, etc. restrictions.

Purpose

In the library automation system project it is aimed by setting the focus on the web based features of the system, apart from inventory management of the items that are kept and serviced in the library – like books, periodicals, magazines, maps, audio and video cassettes or disks, films and microfilms of newspapers – , to track and manage lending and return information of the items in circulation as well. According to these intentions, in this documentation there will be shown how the system could be built for both local and online users through networks (which can be exemplified as internet or intranet) having various profiles – like librarian, visitor, regular member, power member, etc . – by designing corresponding user interfaces.

Expectations Management Matrix

	MIN / MAX	CONSTRAIN	ACCEPT
COST			X
SCHEDULE	X		
SCOPE / QUALITY		<-+ X	

Figure 1.1 : Expectations Management Matrix of the Library Automation System

As it is shown in the matrix the schedule has the top priority for this project, compared to the remaining measures of success, because the time is limited and the due date is strictly set, without any flexibility for postponement. Afterwards the scope and/or quality has the importance, and its priority may be higher in case of expectation growth in content and/or standard. On the bottom line, comes the cost as the least important measure for this project because no budget both limitation and estimation is pre-defined.

Actor Glossary

Qualify Manager	An employee receiving the item reports, and analyzing them in order to determine the requirements, and using this information while preparing the needs report.
IT Staff	An employee responsible for checking the database performance of the system and preparing performance report by analyzing the outcome of this action.
Administrator	The employee (and at the same time could be also the employer) collecting all the reports – item report, needs report, system performance report –, and having the authorization to come through decisions for improving the service quality of the library.
Librarian	An employee responsible for searching item, reporting the deleted and updated items, and adding new items' record to the database.
Library DB	The database system of the library responsible for getting ready the database, and processing and storing data including the log of all the items served by the library and the lending and return information of them done by the members.
Visitor	A person who is able to register to be a regular member of the system, in order to have the opportunity to borrow items from the library, as a visitor profile the online information access will be limited and this actor can not borrow items from the library.
Member	A person who is able to search item from the system, to check his/her account, to borrow literary items (like books, magazines, periodicals, etc.), has the full access to the articles and the due to print them, can send feedback in order to specify either pleasure or complaint.
Regular Member	A type of member who can request to be a Power Member.
Power Member	A type of member who is able to additionally to the literary items the audio and video media items (like albums, films, games, etc.), and also to request new item.