

Library Book Loan System	Group 9
Project Plan	Date: 07/03/2017



HACETTEPE UNIVERSITY

Computer Engineering BBM487 Software Engineering Laboratory

Library Book Loan System Project Plan

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Book Loan System Project Plan

1 Introduction

This project plan lists the steps to do for the book loan system. This document includes project organization, practices and measurements, milestones and objectives, deployment and lessons learned.

2 Project Organization

Student ID	Name-Surname	E-Mail
21328026	Gülendam Buket Gündüz	gulendambuketgunduz@gmail.com
21328337	İrem Özen	iremozeen@gmail.com
21327953	Gülşah Erdoğan	gulsaherdogan_@hotmail.com

Position	Leader	Helper
Project Manager	İrem Özen	
Project Plan and Vision	Gülşah Erdoğan	Gülendam Buket Gündüz
Requirement	Gülendam Buket Gündüz	Gülşah Erdoğan
Development	İrem Özen	
Architecture	Gülşah Erdoğan	İrem Özen
Test	Gülendam Buket Gündüz	Gülşah Erdoğan

3 Project Practices and Measurements

Issue	Date Range	Work Load (week)	Hour/Work
Project Management	14/02/2017 - 02/05/2017	10 week	along the project
Project Vision and Plan	28/02/2017 - 07/03/2017	1 week	6 hour/week
Requirements	28/02/2017 - 14/03/2017	2 week	10 hour/week

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Architecture	14/03/2017 - 04/04/2017	3 week	8 hour/week
Development	04/04/2017 - 25/04/2017	3 week	12 hour/week
Test	18/04/2017 - 02/05/2017	2 week	8 hour/week

4 Project Milestones and Objectives

Iteration	Primary Objectives(Risks and Use Case Scenarios)	Scheduled Start or Milestone	Target Velocity
I1	<p>Software Vision & Project Plan</p> <p><i>Mitigate Risk: Plan and vision gives information about the projects features, stakeholders and their issues. It helps all stakeholders to communicate how the work will be done to the project team and customers and assess progress on the project. Herewith, we can prevent possible conflicts and ensure other steps of project</i></p>	28/02/2017 - 07/03/2017	6 hour
I2	<p>Software Requirements Document</p> <p><i>Mitigate Risk: If the requirements are analyzed clearly, a route can be followed according to the requirements and the necessary help can be taken from the outside.</i></p>	28/02/2017 - 14/03/2017	10 hour
I3	<p>Architectural Notebook & System Test Case Definitions</p> <p><i>Mitigate Risk : If the project workers and the customer meet together and specify the test cases together, any problem that will be experienced at the end of the project is avoided</i></p>	14/03/2017 - 04/04/2017	8 hour

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I4	Software Design Description & Coding Standard <i>Mitigate Risk : The workers should select right programming language which should meet all requirements and tools that use during the project must be choose very carefully.</i>	04/04/2017 - 25/04/2017	15 hour
I5	Software Test Report <i>Mitigate Risk: Project must tested by test engineers for providing unexpected problems.</i>	18/04/2017 - 02/05/2017	8 hour

The features we plan to use in the project and the time required to create them are as follows. There can be extra features in the process and the programmer can get help.

Use Case	Target Velocity
Login	1 hour
Logout	1 hour
Reservation Books	2 hour
Search For Books	2 hour
Self Check Out	2 hour
Self Return	1 hour
Add Name to Waiting List	1 hour
View My Books	1 hour
Issue late fine	2 hour
Pay Fine	2 hour
Signup	1 hour
Manipulate Book	1 hour
Manipulate Customer	1 hour

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5 Deployment

First, the sales specialist will identify a target buyer who will be able to use the program and will meet with them. Then, if the programs are taken, we will give a seminar on how to use the program and train the users.

6 Lessons learned

We learned in these documents how to manage the processes of a software project pre-requirements steps for it. We split the work we do throughout the project process. We planned to complete the project most efficiently way and we tried to reduce the risks for our project.

Overall, we learned the purpose of the project plan and how to prepare it.