



**HACETTEPE UNIVERSITY**

**Computer Engineering  
BBM384 Software Engineering Laboratory**

**Sport Center Membership  
System Project Plan**

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# Sports Center Membership System (SCMS) Project Plan

## 1 Introduction

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

## 2 Project Organization

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Software Analyst	21305753	Natig	GAHRAMANOV
Software Architect	21127591	Türker	ÖZTÜRK
Software Configuration Manager	21426807	Büşra	ÇİÇEK
Software Tester	21127481	Deniz	MURATOĞLU

## 3 Project Practices and Measurements

Issue	Date Range	Work Load (week)	Hour/Work
Project Management	February 16, 2018 - May 18, 2018	13 week	along the project

Project Vision and Plan	February 16, 2018 - March 13, 2018	3 week	6 hour/week
Requirements	March 13, 2018 - March 23, 2018	2 week	10 hour/week

Architecture	March 23, 2018 - April 6, 2018	2 week	8 hour/week
Development	April 6, 2018 - April 27, 2018	3 week	12 hour/week
Test	April 27, 2018 - May 11, 2018	2 week	8 hour/week

### 3 Project Milestones and Objectives

Iteration	Primary Objectives(Risks and Use Case Scenarios)	Scheduled Start or Milestone	Target Velocity
I1	<p>Software Vision &amp; 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>	February 16, 2018 - March 13, 2018	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>	March 13, 2018 - March 23, 2018	10 hour
I3	<p>Architectural Notebook &amp; 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>	March 23, 2018 - April 6, 2018	8 hour

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>	April 6, 2018 - April 27, 2018	15 hour
I5	Software Test Report  <i>Mitigate Risk: Project must tested by test engineers for providing unexpected problems.</i>	April 27, 2018 - May 11, 2018	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
SignUp	2 hour
See photos	2 hour
See Training List	2 hour
See Eating List	1 hour
View My Trainers	1 hour
View Account Type and Times	2 hour
Pay Fine	2 hour

## **4 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.

## **5 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.