

BoomBook store	
Project Plan	Date: 08/03/2020

## BoomBook Store Project Plan

### 1 Introduction

The project plan is a formal document which provides determination of tasks, cost estimation and scheduling of the Online Bookstore Project. It will define the responsibilities of team members and working load per each task. The Project Plan can be updated in case it is required.

### 2 Project organization

Team Member	Software Developer	Software Project Manager	Software Tester	Software Configuration Manager	Software Analyst	Software Architect
Ahmet Deniz Güner	X		X			
Tuna Aybar Taş	X				X	
Koray Kara	X			X		
Oktay Uğurlu	X	X				
Yusuf Emre Genç	X					X

### 3 Development process and measurements

The project will be constructed with MVC design pattern and under the specifications of open-closed principle. The iterative modal will be used to enable measurement of progress and parallel development. We will meet once or twice a week to review the progress of the project. We will also focus on optimization of the codes that written separately in these meetings.

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#### 4 Project milestones and objectives

Phase	Iteration	Primary objectives (risks and use case scenarios)	Scheduled start or milestone	Target velocity
Planning and Requirements	I1	<p>Project Planning and Specification of Requirements</p> <ul style="list-style-type: none"> <li><b>Risk 1:</b> The project cannot be finished before deadline.</li> </ul> <p><b>Migrate Risk 1:</b> The scheduling of tasks and estimation of effort should be determined precisely by project manager.</p> <ul style="list-style-type: none"> <li><b>Risk 2:</b> Requirement of projects cannot meet with user expectation.</li> </ul> <p><b>Migrate Risk 2:</b> Negotiate with customer about the user requirements</p>	<p>March 04, 2020</p> <p>-</p> <p>May 25, 2020</p>	15 hours
Design and Analysis	I2	<p>Architectural and Software Designing, Risk and Configuration Management</p> <ul style="list-style-type: none"> <li><b>Risk 1:</b> Missing parts could be show up in architecture through the development.</li> </ul> <p><b>Migrate Risk 1:</b> The models of system should be determined and combined properly by software architecture.</p> <ul style="list-style-type: none"> <li><b>Risk 2:</b> The software could not synchronize with system components.</li> </ul> <p><b>Migrate Risk 2:</b> System configuration manager should specify the component and configurations properly.</p>	<p>March 14, 2020</p> <p>-</p> <p>May 25, 2020</p>	16 hours

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Implementation	13	Coding standards and Development <ul style="list-style-type: none"> <li>• <b>Risk:</b> One's programmers coding could not be understood by other programmers</li> </ul> <b>Migrate Risk:</b> A coding standards should be chosen. And all members should guide this standard.	March 30, 2020 - May 25, 2020	70 hours
Test, Monitor & Controlling	14	Software Test Result Reporting <ul style="list-style-type: none"> <li>• <b>Risk:</b> Basic errors could show up after development.</li> </ul> <b>Migrate Risk:</b> The test cases, which are identified by software tester in previous phase, should be applied through the development process.	April 6, 2020 - May 25, 2020	20 hours
Evaluation	15	Evaluation of the project <ul style="list-style-type: none"> <li>• <b>Risk:</b> There could be missing client request until this point.</li> </ul> <b>Migrate Risk:</b> Customer and project manager should communicate each other for missing parts.	May 4, 2020 - May 25, 2020	2 hours

## 5 Deployment

The completed project will be published on GitHub. All modules/components of the project and a guide that provides further information about setting up the application will be available for download. Commits and updates can be easily monitored via GitHub interface.

## 6 Lessons learned

During the process of preparing this plan we have experienced creating a schedule from scratch to manage software projects, estimating required effort per task and per week for

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each task, distribution of tasks among team members, predicting the potential anomalies and risk problems before actually heading up to code,