**Revision History**

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| --- | --- | --- | --- |
| Date | Author(s) | Changes | Version |
| 12/04/2021 | Özgün Şen  Berfu Anıl  Esra Ateş  Nehir Erdem | Initial Draft | v1.0 |
| 03/05/2021 | Özgün Şen  Berfu Anıl  Esra Ateş  Nehir Erdem | Section 4 is updated | v2.0 |
| 10/05/2021 | Özgün Şen  Berfu Anıl  Esra Ateş  Nehir Erdem | Section 4 and 6 are updated | v2.1 |

Stock Management System

Project Plan

# Introduction

This plan contains the content and the release plan of the Stock Management System.

# Project organization

The project team consists of Özgün Şen, Berfu Anıl, Esra Ateş, and Nehir Erdem. The roles of the project members are as the following:

Product Owner : Esra Ateş

Analyst: Esra Ateş & Nehir Erdem

Software Architect: Özgün Şen

Project Manager: Berfu Anıl

Software Engineer: Berfu Anıl & Özgün Şen

Software Test Engineer: Nehir Erdem

The review team:

Serdar Mumcu

Eren Erol

Mustafa Ilıkkan

Yiğit Erkal

# Project practices and measurements

Unified Process Iterative Development principles will be followed during this project. Target velocity approach is used to understand the process completion according to agile estimation. All tasks will be listed and followed on the Work Item List and Iteration Plan.

# Project milestones and objectives

|  |  |  |  |
| --- | --- | --- | --- |
| **Iteration** | **Primary objectives** (risks and use case scenarios) | **Scheduled start or milestone** | **Target velocity** |
| I1 | Objectives   1. Prepare Vision & Glossary document 2. Prepare Use-Case List (Brief) 3. Prepare 1.2 Use-Case in fully-dressed format (UC1.2) 4. Prepare 2.1 Use-Case in fully-dressed format (UC2.1) 5. Initiate Work Item List 6. Initiate Risk List 7. Prepare Project Plan v1.0 (this doc) 8. Prepare Iteration II Plan 9. Initiate System-wide requirements | 01 April- 15 April | 95 |
| E1 | Objectives   1. Mitigate Risk 4 2. Prepare Use Case 2.2, 2.3 fully-dressed 3. Design DB entities 4. Implement DB entities 5. Implement Use Case 1.2, Main Success Scenario 6. Prepare Design and Architecture Notebook 7. Write Test Cases for UC 1.2 8. Write Initial version of Iteration III Plan | 15 April- 6 May | 90 |
| C1 | Objectives   1. Prepare All Use Case fully-dressed 2. Implement Use Case 1.2, Extensions 3. Implement Use Case 2.1, All Scenarios 4. Implement Use Case 2.3, All Scenarios 5. Write Test Cases for UC 1.2 Extensions, UC 2.1 and UC 2.3 | 6 May - 3 June | 90 |
| C2 | Objectives   1. Implement Use Case 3.1, All Scenarios 2. Implement Use Case 3.2, All Scenarios 3. Write Test Cases for UC 3.1 and UC 3.2 | 3 June- 24 June | 90 |
| C3(release2) | Objectives   1. Implement Use Case 1.1, All Scenarios 2. Implement Use Case 1.3, All Scenarios 3. Implement Use Case 3.3, All Scenarios 4. Write Test Cases for UC 1.1, UC 1.3 and UC 3.3 | 24 June-1 July | 90 |
| C4(release2) | Objectives   1. Implement Use Case 3.4 All Scenarios 2. Implement Use Case 3.5, All Scenarios 3. Implement Use Case 3.6, All Scenarios 4. Write Test Cases for UC 3.4, UC 3.5 and UC 3.6 | 1 July- 24 July | 90 |
| T1(transition) | Objectives   1. Perform beta test 2. Perform product acceptance tests 3. Lessons learned session | 25 July- 28 July | 90 |

# Deployment

GitHub - which is a Git-based software creation and version control tool - will be used as a cloud repository and version control tool in this project. This Project is a .NET Mvc Web Application project and will be published with Microsoft Azure. Microsoft Azure is a cloud computing service developed by Microsoft for developing, evaluating, deploying, and managing applications and services via Microsoft-managed data centers.

# Lessons learned

* All use cases should be written as fully dressed format at the beginning of the implementation.