**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 |
| 29/05/2021 | Özgün Şen  Berfu Anıl  Esra Ateş | 3rd Iteration update | v2.1 |
| 21/06/2021 | Berfu Anıl  Esra Ateş | 4rd Iteration Update | v2.2 |

Stock Management System

Project Plan

# Introduction

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

# Project organization

Important change:

Nehir Erdem left the group so thereafter there are only 3 people in this group.

Due to this, we have descoped 3.1 extensions along with use case 3.2 for this iteration.

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

Product Owner: Esra Ateş

Analyst: Esra Ateş

Software Architect: Özgün Şen

Project Manager: Berfu Anıl

Software Engineer: Berfu Anıl & Özgün Şen

Software Test Engineer: Esra Ateş

The review team:

Müge Koç , Zeynep Özge Tüzer, Duygu Ersol, Aylin Hasde

# Project practices and measurements

Unified Process Iterative Development principles will be followed during this project. The 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

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| --- | --- | --- | --- |
| **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 2.1, All Scenarios 3. Implement Use Case 2.2, All Scenarios 4. Implement Use Case 1.3, All Scenarios 5. Implement Use Case 1.4, All Scenarios 6. Write Test Cases for UC 2.1 and UC 2.2, UC 1.3, UC1.4 | 6 May - 3 June | 90 |
| C2 | Objectives   1. Implement Use Case 2.3, All Scenarios 2. Implement Use Case 3.1, Main Scenario 3. Write Test Cases for UC 2.3, UC 3.1 Main Scenario | 3 June- 24 June | 90 |
| C3(release2) | Objectives   1. Implement Use Case 1.1, All Scenarios 2. Implement Use Case 3.3, All Scenarios 3. Implement Use Case 3.2, All Scenarios 4. Implement Use Case 3.1 Extensions 5. Write Test Cases for UC 1.1, U.C 3.2, U.C 3.1 Extensions and UC 3.3 | 24 June-16 July | 90 |
| C4(release2) | Objectives   1. Implement Use Case 3.4 All Scenarios 2. Write Test Cases for UC 3.4 | 16 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 centres.

# Lessons learned

* All use cases should be written in a fully dressed format by the end of elaboration iterations.
* Risk management took place because of turnovers in the group. We had to redistribute the responsibilities and we had to descope some features to be able to deliver a successful project.