Hungerger

Project Plan

| **REVISIONS** | | | |
| --- | --- | --- | --- |
| **Rev. No** | **Description** | **Date** | **Person** |
| 0.1 | Creating the document | 04.11.2023 | Abdullah |
| 0.2 | The project organization table was added | 08.11.2023 | Aslı |
| 0.3 | The project organization table was filled. Project milestones and objectives are updated | 11.11.2023 | Abdullah, Aslı, Merve, Tarık |

# Introduction

This document contains the project plan for the Hungerger app, a social media app for creating and sharing recipes online. You can view the details about the iterations and their corresponding objectives. In addition, you can also check the start date and the end date of each iteration.

# Project organization

The team comprises two teams: a Dev team and a quality team. The quality team will include people from our peers who are developing other software products.

The Dev team is responsible for planning and carrying out the project, while the quality team will provide assessments during the iteration review session carried out during the semester.

The instructor is the advisor of this project. His role is to support the dev team if they have any questions.

All team members of the Dev team are going to fulfill different responsibilities during project development. Each of them has some priority tasks concerning their profession and work background. These priorities are given in the table below.

| **Team Member** | **Role** | **Responsibilities** |
| --- | --- | --- |
| Abdullah Talat Ahmed Al-Zariqi | Product Owner  Developer | Creating and managing the backlog  Managing features developed in each iteration  Participating in development activities |
| Aslı Başak Civek | System Security Manager  Analyst | Creating the use cases. Determining the security requirements of the product and ensuring the end product would meet these requirements.  Also, she will contribute to other roles’ responsibilities, such as the development of the back-end and database design. |
| Merve Mavi | Database Manager  Analyst | Development and management of databases. Maintaining data integrity while complying with data regulations. |
| Tarık Demirtaş | Project Manager  Architect | Managing the Business Decisions, Managing the Software and Hardware Architecture |

| **Communication Channels** | **Applicability** |
| --- | --- |
| Zoom Video Conference App. | Applicable for all members |
| Whatsapp Messaging App. | Applicable for all members |
| GitHub Repository | Applicable for all members |

Communication Options: Zoom

# Project practices and measurements

The Hungerger app project will be following an incremental development paradigm. We will follow the Open Process instructions to carry out this project.

# Project milestones and objectives

| **Iteration** | **Primary objectives** (risks and use case scenarios) | **Scheduled start or milestone** | **Target velocity** |
| --- | --- | --- | --- |
| I1 - Inception | **Objectives**   1. Clarify the business value and the differentiating factors of Hungerger 2. Deliver key use Cases of the app and the main social media functionalities. 3. Decide on the initial requirements of the app, including the non-functional requirements 4. Plan out the project   **Risks To be Mitigated:**   * User Engagement * Intellectual Property * Content Quality * Timeline and Budget | 31/10/2023 - 14/11/2023 | 25 |
| I2- Elaboration | **Objectives**   1. Implementing Creating a user profile on Hungerger 2. Implementing Creating a recipe on Hungerger 3. Implementing displaying recipe details 4. Finalizing requirement elicitation 5. Carrying out Domain Modeling   **Risks To be Mitigated:**   * Compliance with Data Protection * Data Security * Scalability * Performance * Resource Availability | 14/11/2023 - 28/11/2023 | 25 |
| I3- Elaboration | **Objectives**  1. The system will have a home page that will show recipes.  2. The system shall display the handle of the recipe creator, recipe name, description, image, rate, price, and comments on the recipe details page.  3. The system shall enable users to comment on the recipe on the recipe details page.  4. Finalizing requirement elicitation  5. Carrying out Domain Modeling  **Risks To be Mitigated:**   * Compliance with Data Protection * Data Security * Scalability * Performance * Resource Availability | 28/11/2023-  12/12/2023 | 25 |
| I4 - Construction | **Objectives**   1. The system shall enable users to modify their account details 2. The system shall enable users to rate a recipe on their feed.   **Risks To be Mitigated:**   * Compliance with Data Protection * Data Security * Scalability * Performance * Resource Availability | 12/12/2023-  26/12/2023 | 25 |
| I5 - Construction | **Objectives**   1. The requirements for User Interfaces will be developed. 2. The requirements for Consistency will be developed.   **Risks To be Mitigated:**   * Compliance with Data Protection * Data Security * Scalability * Performance * Resource Availability | 26/12/2023-  09/01/2023 | 25 |
| I6 - Transition | **Objectives** User Personalization & Customization Requirements will be developed.  1. Interfaces to other software shall be provided. 2. Deploying the App 3. Finalizing quality tests   **Risks To be Mitigated:**   * Compliance with Data Protection * Data Security * Scalability * Performance * Integration Complexity * Multi-language Support * Resource Availability | 09/01/2023-  23/01/2023 | 25 |

# Deployment

The project will be updated on a release-based plan. We are going to add additional functionalities after each release. Updates are also going to be carried out based on major releases.

The app will be deployed on Github Pages and the components will be deployed on AWS using Docker.

# Lessons learned

Stand-up meetings to be organized.

Meetings should be held more frequently, as frequently as once a day.

Co-editing the final versions of each document to ensure consistency.

Dividing the responsibilities and working on the product should start as early as possible.