**Hungerger**

**Vision**

| **REVISIONS** | | | |
| --- | --- | --- | --- |
| **Rev. No** | **Description** | **Date** | **Person** |
| 0.1 | Creating the document | 20.10.2023 | Abdullah, Aslı, Merve, Tarık |
| 1 | Finalizing the document | 04.11.2023 | Abdullah, Aslı, Merve, Tarık |
| 1.1 | Item 4 and 5 are updated | 11.11.2023 | Abdullah, Aslı, Merve, Tarık |

1. **Introduction**

In a world filled with culinary enthusiasts, we are excited to present our vision for a Social Media Recipe Sharing Web App. We aim to create a user-friendly platform where sharing and discovering recipes is easy, engaging, and enjoyable. With this project, we aim to empower home cooks and food lovers, inspire culinary creativity, build a welcoming community, and leverage the latest technology to make the culinary world more accessible and connected.

This vision document outlines our project's goals and values as we embark on this journey. Join us in creating a digital space where food brings people together and inspires culinary adventures.

1. **Positioning**

**Hungerger** is the go-to platform for food enthusiasts to share, discover, and connect through recipes. We believe that food is more than just a meal. It is a way to connect with others, share our cultures, and express our creativity. That is why we are passionate about creating a community where food enthusiasts can come together to celebrate their love of food.

* 1. **Problem Statement**

| The problem of | Sharing food recipes on a recipe-dedicated social media platform. |
| --- | --- |
| affects | Food industry influencers and enthusiasts. |
| the impact of which is | Sharing high-quality content and increasing the number of followers. |
| a successful solution would | Strengthen the tie between influencers and food enthusiasts. It will also increase the number of followers food influencers have. It will give the influencers the opportunity to earn money from advertisements. |

| The problem of | Lack of a dedicated platform for connecting through recipes. |
| --- | --- |
| affects | People who want to learn how to cook, and food enthusiasts |
| the impact of which is | Restricted culinary learning, lost cultural heritage, and reduced consumer engagement. |
| a successful solution would | build a community dedicated to food recipes, keep the food culture going by allowing people to share unique family recipes, and enable people to access high-quality recipes easily. |

| The problem of | Finding recipes that are suited to one's capabilities, preferences, and havings. |
| --- | --- |
| affects | People who want to find recipes compatible with their capabilities or preferences. |
| the impact of which is | Difficulty finding a recipe that suits one's sufficiency. |
| a successful solution would | Implement advanced search features according to ingredients, dietary preferences, costs, and difficulties would help individuals find recipes according to their needs. |

* 1. **Product Position Statement**

| For | Food enthusiasts and food industry influencers. |
| --- | --- |
| Who | People who want to cook meals at home, People who want to learn cooking. Many people like to start cooking at home. However, they face the fact that they do not know how to cook a home-made meal. They can also be bored from cooking the same things over and over.  Hungerger also targets people who want to express their creativity in the culinary arts and engage with a like-minded community.  Food industry influencers who want to share their high-quality content with a devoted community. |
| The Hungerger | is a Social media web app |
| That | Allows people to search for recipes according to their capabilities, tastes, and havings. In addition to allowing them to rate the taste, cost, and ease of preparation of recipes. |
| Unlike | Pepper |
| Our product | Allows people to rate recipes and it will allow users to check the cost of ingredients used in those recipes. |

1. **Stakeholder Descriptions**
   1. **Stakeholder Summary**

| **Name** | **Description** | **Responsibilities** |
| --- | --- | --- |
| Food Industry Influencers | Food industry influencers are individuals with a significant following and influence in the culinary world. They may include chefs, food critics, bloggers, or prominent figures in the food and beverage industry. | Promotion: Share, promote, and endorse the app to their followers.  Quality Content: Contribute high-quality recipes and reviews.  Engagement: Actively engage with users and discussions.  Feedback: Provide valuable insights and suggestions.  Collaboration: Explore partnership opportunities for mutual benefit. |
| Users | The end-users of the app, including home cooks, food enthusiasts, and culinary professionals | Creating and sharing recipes, engaging with content, and providing feedback for app improvement. |
| Product Team | The team responsible for the app's development, design, and feature implementation. | App design, development, quality assurance, and ensuring the app aligns with the vision and goals. |
| Quality Team | Classmates who are responsible for reviewing the product in each iteration. | Reviewing the quality of the project. Offering insights and feedback. |
| Advisor | The instructor of the lecture. | Offering insights and feedback. |
| Legal Team | The team who is responsible for preparing the legally binding documents and dealing with any conflicts. | Preparing documents about data protection and privacy policies. Dealing with legal conflicts. |
| Admin | Represents authorized individuals responsible for managing the platform and the Users. | Monitoring and ensuring platform adherence to guidelines,  Handling reported content  Managing user-related issues |

* 1. **User Environment**

The system is for online usage.

The system is available on the web and will be available on mobile platforms in the future.

Initially, the app will be supported on the following Chromium-based browsers (Chrome, Edge, Mozilla, Opera, Safari)

The system is available in the English language. It will be available in different languages in the future.

The number of people involved in completing the task is one, and it is not changing.

Task completion cycles will be as follows:

* Creating recipes will take between 3-5 minutes.
* Searching for a recipe will take between 1-2 minutes, including filtering.
* Rating a recipe will take between 1-2 minutes.
* Adding alternative ingredients 1-2 minutes.

Every user should create an account to access the information on the platform and should be logged in.

Users should agree with related data protection and privacy policies.

Every user can upload/change/delete their recipe.

Users can make advanced searches by ingredients, dietary preferences, or difficulties.

The system needs to integrate with some marketplaces to extract the prices of the ingredients.

1. **Product Overview**
   1. **Needs and Features**

| **Need** | **Priority** | **Features** | **Planned Release** |
| --- | --- | --- | --- |
| User Profile | High | Enter Name, Email, Avatar and Username | Release 1 |
| Recipe | High | Photo Upload.  Entering Recipe Description.  Adding Ingredients  Modify the Recipe  Display Recipe Details | Release 1 |
| Flow Page | High | Show a set number of recipes | Release 1 |
| Admin Features | Medium | Predefine admin users  Create an admin user  Edit user  Delete user  Edit recipe  Delete recipe | Release 1 |
| Interacting with a recipe (Comment) | Low | Comment on a Recipe | Release 2 |
| Cost Calculation | Medium | Use marketplace API’s to retrieve ingredient prices | Release 2 |
| Rating a Recipe | Medium | Rate the Taste, Ease of Prep. | Release 2 |
| Search and Filter through Recipes | Medium | Recipe Curation and Discovery | Release 2 |
| DM | Low | Sending direct messages | Release 2 |
| Notifications | Low | Show customizable Notifications | Release 2 |
| Bonus System | Low | Give out a specific amount of money to influencers based on certain criteria | Release 2 |
| Report misuse | Medium | User Reports misuse  Admin Replies complaints | Release 2 |

1. **Other Product Requirements**

| **Requirement** | **Priority** | **Planned Release** |
| --- | --- | --- |
| The system keeps user passwords with a secure hashing algorithm in an encrypted database. | High | Release 1 |
| The system is written in Python programming language. It uses MySql as a database. | High | Release 1 |
| System’s Servers will run on Linux and/or Windows-based servers. | High | Release 1 |
| The system shall be able to react to 99% of the requests at all times. | High | Release 2 |
| The system shall be able to react to every request under 1 second. | High | Release 2 |
| The system shall use an HTTPS connection between the client and server. | High | Release 2 |
| The system runs on the following browsers (Chrome, Edge, Mozilla, Opera, Safari). | High | Release 2 |
| The system complies with the KVKK and GDPR. | High | Release 2 |
| The app should support Mobile platforms (Android and IOS). | Low | Release 2 |
| The app will support three languages (English, Turkish, and Arabic). | Low | Release 2 |