Group 01

Foodaholic
Vision Document

Version 1.0

Revision History

Date	Version	Description	Author
03/Jun/22	1.0	Initial Draft	Lê Đăng Khoa

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Vision (Small Project)

1. Introduction

The purpose of this document is to collect, analyze, and define high-level requirements of the web Foodaholic.

The introduction of the Vision document applies to the Foodaholic website, which will be developed by Group 01.

The Foodaholic website will enable users to post recipes, suggest a box presenting some trending foods, and cooks for client, etc

2. Positioning

2.1 Problem Statement

The problem of	People tend to prefer eating out to cooking for themselves because they don't know how to cook a new dish. Lack of quality cooking-sharing websites
Affects	The quality of the meal, people's health
The impact of which is	Restaurants with soiled food and food safety problems. When you eat out, you have no control over how much energy you put into your body. Expensive, but not everyone's taste.
A successful solution would be	Assisting those who do not know how to cook might result in a tasty supper. Providing a place where people may share the delectable meals they prepare. Amateur and professional chefs alike desire to showcase their culinary creations. Incentivize more people to cook. Help people regulate their eating habits; ideal for persons who are on a diet and wish to keep their calories intake under control.

2.2 Product Position Statement

For	Everyone
Who	Feel the need for learning cooking, sharing recipes, controlling calories
The (product name)	Foodaholic.(*) (* *Decide later*)
That	Sharing recipes and foods, can see each nutrient in the diet, as well as the total number of calories in the meal.
Unlike	Traditional manual pages lack precision and detail. Lack of a list of nutrients and energy consumption that support a balanced diet
Our product	The meals and recipes will be updated regularly and correctly to all users from any PC connected via the internet

3. Stakeholder and User Descriptions

This section describes the users of the Foodaholic. There are 3 types of users of the Foodaholic system: Users who have passion in food, Users who want to share recipes and Administrators of this system.

3.1 Stakeholder Summary

Non-User stakeholders

Project Manager	This is a stakeholder leading the system development	Responsible for listing and assigning tasks for each member, and managing the overall Project Management discipline. Ensure there are no delays in each Sprint, review all documents and source codes (if there is any) in each Sprint.
Tester/QA Engineer	This is a stakeholder testing the system when it's completed	Responsible for executing testing, including test set-up and execution, evaluation of test execution and recovery from errors, and assessing the results.
Technical Architect	This is a stakeholder mainly focusing in architecture of this system	Determine organization needs and identify system specifications. Analyze the needs of large systems and break them down into smaller manageable parts.
Technical Writer	This is a stakeholder primarily writing and editing technical documents.	Plan and design the structure of technology systems, and discuss these with the client. Communicate system requirements to software designers and developers; explain system structure to them and provide assistance throughout the assembly process.
Designer	This is a stakeholder designing the project	Meet with engineers, programmers, and project managers to learn about specific products or processes.
Developer	This is a stakeholder operating the source code of this software	Develop illustrations, logos, and other designs using software or by hand. Prepare rough drafts and present ideas. Conceptualize visuals based on requirements. Amend designs after feedback.
Supervisor/Mentor	This is a stakeholder teaching the process to do the project	Researching, designing, implementing, and managing software programs. Work with other developers to design algorithms and flowcharts. Produce clean, efficient code based on specifications. Troubleshoot, debug and upgrade existing software. Configuration Manager Create technical documentation for reference and reporting.

Administrator	This is a stakeholder managing the users, posts… in the software	Check the progress of the team through Trello, and make sure that we do it in time. Manage users (delete user, block a user for 7 days…), posts (delete a post, hide post…).
User	This is an end-user stakeholder who can upload the recipes to website	Can see the post on this website, like, share or comment in every post. Can upload posts, see the comment of all users in his/her post.

3.2   User Summary

Administrators	This is a stakeholder that is manage the users, posts… in the software	Manage users (delete user, block user for 7 days…), posts (delete post, hide post…)	Self
Users	This is a stakeholder who is end-user	Can see the post in this website, like, share or comment in every post	Self
Posters	This is a stakeholder who is end-user but can upload the recipes to website	Can upload post, see the comment of all users in his/her post	Self

3.3   User Environment

There are 4 people involved in the assignment. It is unchangeable during the project.

A task cycle is about 2 weeks. We usually spend approximately 1 - 2 hours for each activity depending on the level of the activity. This is also unchangeable during the project.

We recommend the clients use browsers on PC to access this website. User devices also need an Internet connection to smoothly access and use this software.

Users may be greater or equal than 16 and have their basic skill in cooking. We also limit the users in Vietnam because of not comprehending their unique tastes and interests in other countries.

3.4   Alternatives and Competition

About Alternatives:

- There are some existing similar websites that receive the trust of many global users such as yummly.com,…
- Or there are some Facebook groups such as "Chia Sẻ Công Thức Nấu Ăn Mỗi Ngày" with about 157.000 members,...

About Competition:

- Any users can share the recipes if they find them good enough.
- This is a place where professional chefs can help the amateurs cook better with comments in their posts.

4. Product Features

No.	Feature	Description	Priority
1	Sign in	Users are allowed to sign in to their accounts	High
2	Sign up	Create new accounts	High
3	Sign out	Log out of present account	High
4	Edit information	Users can edit their account information	Medium
5	Change avatar	Users can change their avatar image	Medium
6	Change cover	Users can change their cover picture	Medium
7	Change username	Users can change their username	High
8	Change password	Users can change their password	High
9	Follow cooks	Users can follow cooks on this website	High
10	Follow other users	Users can also follow the other users	Medium
11	Initialize some recipes	There will be some first recipes published on this website by cooks or admins	High
12	Add recipes to "My favorite"	Create a "My favorite" list and add recipes to it when the users want to save a post	Medium
13	Posts	Users, cooks, admins can upload or delete a post	High
14	Like	Users can give a like to a post or a recipe	High
15	Comment	Users can comment on posts or delete them	High
16	Notification	Users will receive notifications about changes	Medium
17	List of my likes, comments, posts	A list in account page to show my list of likes, comments, and posts	Medium
18	Admin delete posts	Admins are allowed to delete violated posts, recipes	High
19	Admin delete comments	Admins are allowed to delete inappropriate comments of users	High
20	Admin suspend accounts	Admins are allowed to suspend violated accounts	High
21	Report posts to admin	Users can report a violated post to admin to review	High
22	Share to some social media	Users can share posts, recipes to other social media such as Facebook, Instagram, etc	Low
23	Detailed description of cooking steps	Each recipe is required to show step-by-step instruction	High
24	Trending now	Users can see which foods, recipes, or cooks are on trending now	High
25	Search and show recipes by keywords	Users can search for recipes by entering keywords on the search bar	High

26	Search and show recipes by ingredients	Users can also search for recipes by typing the ingredients they are having and the system will show suitable recipes with your input	High
27	Filter input requirements	Users can filter input requirements to search faster and more accurate	High
28	Filter searched results	Users can filter the results after searching	High
29	Sort searched results	Users can sort their results after searching	High
30	A site to show nutrition in each type of food	Users can read many kinds of nutrition existing in each type of food (how many calories, carbohydrates, fats, proteins, sodium, etc)	High
32	Calculate daily consuming nutrition	Users can enter the nutrition of each meal directly or enter type of food to calculate the nutrition	High
33	Visualize data through graphs compared to daily nutrition standards	The system after calculating daily nutrition intake will show its data on graphs that compare to daily standards	Medium

5.   Non-Functional Requirements

Speed: The web should reply to the commands of clients in less than 1 second.

Security: The web must protect the information of users

Compatibility: The web must run on many different OS

Capacity: The Web must have a large capacity to hold user data, web data, …

Availability: The web shall be available 24 hours a day, 7 days a week.

Usability: The web shall be easy-to-use and shall be appropriate for all people.

Maintainability: The System shall be designed for ease of maintenance.