Comnhalam.com

Vision Document

Version 1.0.2

Revision History

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| October 31, 2018 | 1.0.0 | Initial vision document | Trần Hải Phong |
| November 8, 2018 | 1.1.1 | Detail for non-func and alternative & competitors | Trần Hải Phong |
| November 24, 2018 | 1.1.2 | Morr detail for user requirement, assumptions and dependencies | Trần Hải Phong |

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Vision (Small Project)

# Introduction

The purpose of this document is to describe, collect, analyze, and define high-level needs and features of the web-based application (comnhalam.com). It focuses on the capabilities needed by the stakeholders and the target users, why these needs exist and how useful these needs are in the currently user environment. The details of how the comnhalam.com fulfills these needs are detailed in the use-case and supplementary specifications.

## References

[1] Vision document Template.

[2] Forbes, “*8 food apps to chew on”*

[*https://www.forbes.com/sites/tjmccue/2013/01/04/8-food-apps-to-chew-on/*](https://www.forbes.com/sites/tjmccue/2013/01/04/8-food-apps-to-chew-on/)

[3] Team Obiwan – UT Dallas, “*Vision Document version 1.0”*.

# Positioning

## Problem Statement

|  |  |
| --- | --- |
| The problem of | Vietnamese women will become housewives and have to take care of your family when they got married. |
| affects | These women would not have time enough to work (to earn money and enhance their income) |
| the impact of which is | losing incomes, being dependent on relatives (husband, …) |
| a successful solution would be | a simple website that can be easily used by housewives and others. The product would provide users a service that they are able to sell meals making by themselves on internet. The product would also support delivering to their customers. |

## Product Position Statement

|  |  |
| --- | --- |
| For | Vietnamese citizens living in Ho Chi Minh city |
| Who | do not have time enough to work, lose income and want to enhance their own income or do not have time enough to go out to find something to eat. |
| The comnhalam.com system | is a selling food web-based application |
| That | Provides the convenient service that users can sell their products (meals, dessert, drinks) making by themselves without creating stores, … and order meals that they are interested in. |
| Unlike | currently available systems that have the same service, these system just focus on restaurants, stores only and do not provide this service for housewives much |
| Our product | provides this service for all kinds of users. Vietnamese housewives would be independent women based on the product. They make, they sell their products without opening stores, space fees. |

# Stakeholder and User Descriptions

## Stakeholder Summary

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Project Manager | This stakeholder leads the development of the system (comnhalam.com) | Plans, manages and allocates recources, decides priorities and keeps the project team focused. |
| Developer | This stakeholder implements the system based on the proposal | Works with programming languages, tools to program all of tasks.  Design the website comnhalam.com, make sure that users can use it as easy as possible. |
| Business Analyst | This stakeholder works with PM to build the complete proposal for the system. | Completely describes, designs the proposal to make sure that developer team can exactly implement tasks based on it. |
| Tester | This stakeholder guarantees that end users would not meet any errors when they use the website. | Works with developer team to find errors and makes sure that tasks of the website are exactly follow the descriptions of proposal. |
| People (housewife, college student, officer) | This stakeholder is going to become user (seller, buyer) of the system | Gives some suggestions that makes the comnhalam.com as useful as possible. |

## User Summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| Vietnamese women who got married | Primary end users of the website | Uses the website to communicate with others who want to buy fresh meals | Themselves |
| People (college student, officer and others) | Another primary end users of the website | Uses the website to order meals | Themselves |
| Restaurants or food stores owners | Other end users who could use the system | Uses the website to communicate with their customers on internet | Themselves |
| Admin | The employee of the website owner | Manages all of information posted on and provides to the website | Themselves |

## User Environment

In the modern life, there are a lot of things on which officers have to work and lots of subjects that Vietnamese college students have to learn (henceforth call **A**). That’s why they do not have time enough to cook or even getting out to eat.

Besides, there are plenty of Vietnamese women who cannot get a job because of their health or do not have time enough to get out for work because they have to take care of their family when they got married ((henceforth call **B**).

Therefore, the system that helps those (**A** and **B**) to communicate with each other is very potential. Those **B** could be home and cook for their family as usual and use these meals to sell to B for getting income.

The system has two types of user who are involved, seller and buyer and no change. Averagely, a cycle of ordering, delivering and picking is about 45 minutes, and it almost depends on the distance between buyer and seller.

## Summary of Key Stakeholder or User Needs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Need** | **Priority** | **Concerns** | **Current Solution** | **Proposed Solutions** | |
| Ease to use | High | Ability for users with little no previous phone usage to use the website easily | See proposed | | The GUI is as simple as possible. Anything could be systematically organize. |
| Security and safety | High | Ability for users can use internet banking for paying without any troubles. | See proposed | | Verifying identity steps have to be clear. |

## Alternatives and Competition

There is the NOW application. That is a selling application that provides a service that ordering food on the internet. However, it just focuses on teenagers or food restaurant/stores. That’s why comnhalam.com would be a special system for other end users who are housewives or do not have a lot of money to open food stores. To provide a good service that every end users could use, comnhalam.com has a simple design, being easy to use and safe.

On the other hand, nearly every stores of NOW application use a fixed picture for a dish. As a result, buyers cannot exactly know the dish that they are interested in and whether it is similar to the picture or not? To solve that problem, Comnhalam.com requires all of the sellers that they must use a new picture for a new post and all of the posts which are posted more than 24 hours would be deleted.

# Product Overview

## Product Perspective

This product provides a system that supports home cooker and stores owners to sell their products online. In addition, the system also provides ability of buying food online for users who do not have time enough to get out to eat. As a result, this system is considered as a place that helps buyer and seller could interact to each other. Depending on their expectation, user would have different choices and order it to enjoy themselves.

## Assumptions and Dependencies

Vào thời điểm ban đầu, phần lớn người dùng sẽ có xu hướng so sánh giá giữa các hệ thống hiện hành và hệ thống của công ty. Chính vì vậy, để thu hút được người dùng mới cũng như tăng số lượng người dùng mà quay trở lại lần thứ hai, Comnhalam.com sẽ phải có những chính sách giảm giá, mã khuyến mãi cũng như là phải tối thiểu hoá chi phí giao hàng. Từ đó, người dùng sẽ có xu hướng cảm thấy họ sẽ có được nhiều lợi ích hơn so khi sử dụng trang web so với các đối thủ cạnh tranh.

Mặt khác, vấn đề an toàn thực phẩm phải luôn được coi trọng. Để giải quyết vấn đề này, các bên liên quan (seller) phải tuân thủ nghiêm ngặt quy định và sẽ chịu sự trừng phạt của pháp luật Việt Nam khi họ vi phạm bất cứ quy định nào về an toàn thực phẩm khi tham gia bán hàng trên hệ thống. Mọi cam kết sẽ được thông qua trước khi seller có tài khoản bán hàng trên hệ thống.

# Product Features

1. **Signing**: *for all of users*

To a selling food system, the most important thing is knowing user information exactly. This thing makes seller could exactly know where their customers are and give their products to them as fast as possible. That’s why signing up is the feature that is too much necessary of the system.

When users are signing up, they have to fill some following information at least:

* Email
* Password
* Phone number
* Address
* Full Name

1. **Logging**: *for all of users*

This feature is so necessary as the signing up feature. Users have to log in the system to find, search or order food because this work makes sellers can know who the people ordering is and deliver their products to the right customers.

Users must sign up and provide the following information to log in the system:

* Email
* Password

1. **Resetting password**: *for all of users*

There are some users who rarely use the system. So, they may forget their password, that’s why the system has to provide this feature for them. This feature makes sure that users would have ability of finding password whenever they want.

1. **Searching**: *for all of users*

After logging and signing, the system must provide users ability of finding anything they want. That’s why this feature is also necessary for the system.

If the system does not have the feature, then users cannot find out food they are interested in, they just could see posts that are showing on the homepage and product pages and it takes a lot of time to find out what they want. This work makes them feel like a fool.

Base on this feature, users just need to give some information about the food that they are interested in, then see what they have.

1. **Checking details of a post**: *for all of users*

In addition to searching feature, the system has to allow users to check the details of meals that they are interesting in. Because users would feel safer when they know all of the information about the seller and the meals that they are going to order as well.

1. **Order**: *for buyers*

It is not a selling food website if it just allows users looking for what they want and cannot do anything else with those meals. As a result, ordering feature is also a necessary feature the system must provide.

To order food, users can look for what they are interested in by searching feature or by finding on the collections that the system suggests to them every day.

The order would have 3 phases:

1. ***Phase 1:*** **Seller submitted** – When the order was sent to seller.
2. ***Phase 2****:* **Shipper picked** – When the shipper is in charge of the customer’s order.
3. ***Phase 3****:* **Delivered** – When the customer received their order
4. **Cancelling order**: *for buyers*

Sometimes, not every user is careful. That’s why they may make some mistakes with their bill. In this situation, cancelling feature is so necessary. This feature helps these users to cancel their bill and make it again. However, users just can cancel their bill when the order is in phase 1. The reason is that their order was done already on phase 2 and phase 3, so they have to be in charge of their bill.

1. **Uploading posts:** *for sellers*

Buyers just can discover the website when it has data. So, uploading post is the necessary feature of seller. This feature allows sellers to post their product on the website with some following information of product:

* Name
* Tag
* Number of
* Price

1. **Editing posts:** *for sellers*

Similar to buyers, sellers also might make some mistakes with their posts. That’s why they need this feature.

1. **Deleting posts:** *for sellers*

The reason that this feature is necessary for the system is that they need to delete their posts from the website when the meals of those posts are out of stock.

# Non-Functional Requirements

[1] The website has to provide the service for more than 500 users currently.

[2] The website has to effectively operate with the 1.7 Mbps speed of Internet.

[3] The information of user must be private for stranger.

[4] The password of users has to be encoded before storing on database.

[5] The website has to effectively run on any browser.

[6] The system has to storage more than 1000 meals (posts) and more than 500 order delivering currently.

[7] The system just provides a service for user who are living in HCMC.