\<Group08\>

\<Clothing Website\>
Vision Document

Version \<1.0\>

Revision History

Date	Version	Description	Author
<12/03/2021>	<1.0>	<Complete Vision Document for PA01>	<Lê Hồng Quang>

Table of Contents

Vision (Small Project)

1.   Introduction

The purpose of this document is to collect,analyze and define the high-level requirements of the Online Shopping System(Clothing Website) in terms of the needs of the end users. It focuses on the capabilities needed by the stakeholders and the target users, and why these needs exist.The details of how the Online Shopping System fulfills these needs are detailed in the use-case and supplementary specifications.

The introduction of the Vision document provides an overview of the entire document. It includes the purpose and references of this Vision document.

1.1   References

Applicable references are:

1.   Lecture Slides of Introduction to Software Engineering subject, Teacher Nguyen Minh Huy and Ho Tuan Thanh, 2021, VNUHCM-University Of Science.

2.   Requirements of PA1,Teacher Nguyen Minh Huy and Ho Tuan Thanh, 2021, VNUHCM-University Of Science.

3.   Tutorial Video named PA1 Vision Document , Teacher Ho Tuan Thanh,2021, VNUHCM-University Of Science.

4.   Sample vision document from the link:https://sce.uhcl.edu/helm/RUP_course_example/courseregistrationproject/indexcourse.htm

2.   Positioning

2.1   Problem Statement

The problem of	Because of Covid-19 epidemic, everyone can not go shopping directly at stores and have to limit direct touching.
affects	Residents,salespeople, businessmen
the impact of which is	Limit the need of shopping of many people and cause economic damage to shopping stores as well as businessmans
a successful solution would be	Supply a convenient and safe way for many people to purchase and create profits for businessmen as well as reduce economic damage. Moreover, people now have a variety of shopping stores to choose and purchase.

2.2   Product Position Statement

For	Buyers, salesmen,fashion stores or fashion companies, enterprises
Who	Buy, sell, or review products
The (product name)	is a website
That	Enables to register an account for shopping online, open an online stores and access to product and salesman information
Unlike	The existing outdated shopping way
Our product	Provides up-to-date information on all products, salesman, ratings, and present shopping trends to all users from any PC connected internet.

3.   Stakeholder and User Descriptions

This section describe the User and Stakeholder of Clothing Selling System(Online Shopping System)

3.1   Stakeholder Summary

Name	Description	Responsibilities
Development Team	The team leader of the campaign responsible for all action and executing .	creating, developing and maintaining the system. Responsible for project funding approval. Monitor project progress.
Hồ Tuấn Thanh, Nguyễn Minh Huy, Mai Anh Tuấn	Supervisor of the project	Guiding the software making process. Pointing the mistake and helping team to improve the project
Customer representative	Customer	Ensures that the system will meet the needs of customer

3.2   User Summary

Name	Description	Responsibilities	Stakeholder
System administrator	System manager	Maintaining the server, manage the database of customer, adjust and fixing the error causing	self - represented
Clothing shop's owner	Clothing shop's owner	import, delete clothes, adjust the amount communicate with customer, answer the question	self - represented
Customer	Customer	Buying products, asking question	self - represented

3.3   User Environment

The number of User communities is no limit but the number of users online at one time is under 100 to avoid crashing the server.

The current environment support is only web version and maybe open for mobile platforms in the future.

The initial release of the Clothing selling system will be limited to students of the University of Science community in order to help inexperienced development teams to gather suggestions, comments and improve the quality to bring them more popular in the future.

3.4   Summary of Key Stakeholder or User Needs

Need	Priority	Concerns	Current Solution	Proposed Solutions

Buying clothing	High	Take a lot of time and effort	Customers have to go directly to the shop and pick what they want. Customers and shop have little interaction	Selling clothes online is an efficient way for customers. New products easily update and customers can know that anytime so they can pick what they want. Having much interaction between customer and seller through customer service online chat
Promotion/discount	Medium	Difficult to reach customers	hanging boards, cost for TV or social network advertising	Can post directly on the website and attract customers. Customer can know easily whenever they want

3.5   Alternatives and Competition

Although this is a very popular business model like tiki, shopee, yame,.... They have all the things: product variety, promotion, fast and efficient delivery service,... but we still choose this business model in order to gather experience, knowledge and improve our technique better.

4.   Product Overview

This section provides a high level view of the product capabilities, interfaces to other applications, and system configurations. This section usually consists of two subsections, as follows:
•   Product perspective
•   Assumptions and dependencies

4.1   Product Perspective

The system will interface with the Database System and Server as shown in the context diagram below.
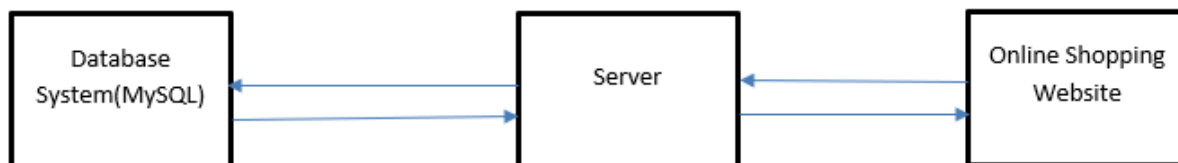
4.2   Assumptions and Dependencies

The following assumptions and dependencies relate to the capabilities of the Online Shopping System as outlined in this Vision Document:

o   The System can work fluently 24/24

o   The System can be flexible with various user interfaces(on PC, on mobile phone,on tablet,...) .

o The number of inventories are always available and enough to server customer

o The website will be hosted on a server and will be accessible and updatable via Internet.

o Admin is responsible for performing operation with the website to update the inventory, retrieve data, etc. will have high speed internet connection

5.   Product Features

5.1   Logon
The system allows type user is customer or manager login in system with corresponding account with per user type.

5.2   Registration
The system allows the user to register an account customer to make purchases. After completing the registration procedure, the user will have an account to make purchases.

5.3   Forgot password
If user forgot password, they have use email of them or phone number was registered for that account and then system will send a confirmation code to make change password.

5.4   Post for Sale / Delete / Edit
The system allows the user type to manage posts for sale, delete, edit product.

5.5   Product selling well
The system allows customer view list of product was most purchased.

5.6   Search product
The system allows customer search a product by name.

5.7   Promotion
The systems allows customer view the products are on sale in the section product promotion.

5.8   New product
The systems allows customer view new products in the new product section.

5.9   Product reviews
The systems allows customer evaluate each product according to the number of stars from one stars to five star and write feedback when they was purchased complete a product.

5.10   Customer support
The system supports services such as customer care Hotline, frequently asked questions, send support requests, order instructions, shipping methods, return policy, installment instructions.

5.11   About the application
Application introduction, recruitment, payment security policy, privacy policy, complaint settlement policy, terms of use…

5.12   Shopping Cart
The system allows customers to View a list of added products and a shopping cart and their respective prices.
Non-Functional Requirements

5.13   Voucher wallet
The system allows customers to view the list of discount codes from the application.

5.14   Payment
When the customer presses to pay for a product, the customer will have to fill in personal information, choose the form of payment and the discount code if any …

5.15   Free shipping
The system will display the List of products with free shipping in the section of free shipping products.

5.16   Top search
The system will display the List of most searched products in the most searched product category.

5.17 Personal Profile

The system allows customers to view and update personal information corresponding to their account.

5.18 Chat

Chat support system between customers and sellers.

5.19 Social network links

The system allows linking accounts of customers facebook, google, zalo instead of having to register another account.

5.20 Connect with us

The system allows linking to facebook, youtube, zalo pages of the application.

5.21 View purchase history

The system allows customers to view purchased orders in the purchase history section.

5.22 Import

The system allows to manage more items on the store.

6. Non-functional requirements

6.1 Security

When a user forgets his password, the link to create a new password must be sent to only the first registered email address

6.2 Performance

All data input and output screens need to be ready to be displayed to users quickly and accurately

6.3 Usability

Easy to use, effective, for example, to buy an item we only need to perform 3 simple steps: select the item, purchase and finally pay.

6.4 Integrity

Information for each product is accurate and reliable enough

6.5 Availability

The system must ensure 24/7 operation

6.6 Audit

• The audit data will be stored separately in a separate database, different from the main database of the system.

• The audit data must be in Read Only mode and not edited from the user interface.

6.7 Accessibility

Support chat and exchange with users