WINSHOP

Abstract

This is a small project in our university course. The project is about a product that is an e-commerce website, a software product. The duration of this project is in the 1st semester of 2022

Nhap mon cong nghe phan mem 20_3

Team 05

Group 05

WinShop
Vision Document

Version 1.0

Revision History

Date	Version	Description	Author
02/11/2022	1.0	Demonstrate view of Ecommerce website.	Group 05

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Vision (Small Project)

1. Introduction

The purpose of this document is to collect, analyze, and define high-level needs and features of **the WinShop website**. It focuses on the capabilities needed by the stakeholders and the target users, and **why** these needs exist. The details of how **the WinShop website** fulfills these needs are detailed in the use-case and supplementary specifications.

2. Positioning

2.1 Problem Statement (**Phát biểu bài toán**)

The problem of (vấn đề về)	Shopping online everyday
Affects (ảnh hưởng đến)	The young and people who have the need to shop online, do not need to go to many places to search for products.
the impact of which is (ảnh hưởng là)	Customers waste time, effort and must buy the product at a price higher than the market rate. Besides, the product's quality is not guaranteed.
a successful solution would be (giải pháp thành công là)	that the products are safe, cheap, fast delivery and their quality is guaranteed.

2.2 Product Position Statement (Phát biểu giải pháp)

For (sản phẩm cho ai)	The young and individuals need to shop online.
Who (làm gì)	Choose and buy products.
The (product name) (tên sản phẩm)	WinShop website.
That (sẽ)	Allows people to choose and buy product items at reasonable prices.
Unlike (khác với)	Tiki, Shopee, Lazada
Our product (sản phẩm của chúng tôi)	Provide all kinds of clothing and book products suitable for most ages for customers with shopping needs and delivered on time so that their quality are ensured.

3 User Descriptions

3.1. User Profiles

This table implies that the users are of all age groups, genders, cultures, nationalities and do not limit their personalities and preferences. All users are expected to have some kind of experience using a general website.

Name	Admin	User
Description	Who manages customer information, order information, and products.	Who chooses, orders, and buys products.
Expectations	There are specific and accurate information management processes.	Choose products easily, there are many preferential services for customers, delivery fast.

Limitations		Products are taxed and can affect if a goal is reached.

3.2. User Task and Environment

a. User Task

Admin:

- Read, create products, and show products from database to user interface
- Update products
- Delete products
- Generate a discount fee for each type of product
- View and statistics of the shop's sales

User:

- View product categories on the user interface
- Sign up
- Log in / change password
- Review and Comment products
- Order products
- Pay products.

b. User Environment

The users can execute all tasks in the application on the website. Besides the application native UI, the users must interact with embedded Bank and Money Transfer services and platforms.

3.3. Alternatives and Competition

	WinShop	**Tiki**	**Shopee**	**Lazada**
Multi-language	English	No	Yes	Yes
Customize Theme	Yes	Yes	Yes	Yes
Multi-platform	website	Yes	Yes	Yes
Search Products	Yes	Yes	Yes	Yes
Review and comment products	Yes	Yes	Yes	Yes

Payment through bank	Yes	Yes	Yes	Yes
Dark mode	Yes	No	No	No

4.   Product Features

No.	Feature	Description	Priority
1.	Set-up Administrator Account	Administrators can manage other types of accounts and information of orders, products.	High
2.	Set up User Account	Users can view product categories, buy, order products, pay products and login signup features.	High
3.	Create products and show products from database to user interface	Administrators can read, create new products from the database.	High
4.	Update products	Administrators can update products from the database.	High
5.	Delete Products	Administrators can delete products from database	High
6.	View and statistics of the shop's sales	Calculate, update price of orders and inform to users	Medium
7.	Generate a discount fee for each type of product	Administrators can create a suitable discount fee for this type of product.	Low
8.	View product categories	Users can view product categories on the user interface.	High
9.	Search Products	User can search products that they want	Medium

10.	Filter products by type, price	User can filter products to find products easily	Medium
11.	Order products	User can order products after buy	High
12	Pay products through bank	User can pay products through bank Make sure to buy and sell products conveniently	High
13.	Login	User can login after register	High
14.	Review and Comment products	User can read review and comment products	Medium

5.   Non-Functional Requirements

- The system operates continuously 24/7.
- WinShop will work on most operating systems
- User interface is friendly, easy to use for users.
- Customer information is confidential.
- All sensitive user data such as phone number, emails, password or bank account are encrypted.
- Processing time does not exceed 5s.

- Supportability:

   + Platform: website

   + RAM: 1GB