



# 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

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**Group 05**

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**WinShop  
Vision Document**

**Version 1.1**

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## Revision History

Date	Version	Description	Author
02/11/2022	1.0	Demonstrate view of Ecommerce website.	Group 05
10/11/2022	1.1	Add some necessary features	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.

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## 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.

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Limitations	Products are taxed and can affect if a goal is reached.
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### 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
- Delete orders
- View and statistics of the shop's revenue
- Delete users
- Search users
- Log in / change password

##### User:

- View and select product categories on the user interface
- Sign up
- Log in / change password
- Edit information
- Search products
- Review and Rating products
- Order products
- Checkout products.
- Update cart
- Delete product in the cart

#### 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

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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 revenue	Calculate, update price of orders and inform to users	Medium
7.	Delete orders	Administrators can delete any orders from database, if cannot contact the customer	Medium



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8.	Delete users	Administrators can delete any users from database, if the customer no longer uses that account	Medium
9.	Search users	Administrators can search users that they create an account on the admin page	Low
10.	View product categories	Users can view product categories on the user interface.	High
11.	Search Products	User can search products that they want	Medium
12.	Filter products by type, price	User can filter products to find products easily	Medium
13.	Order products	User can order products after buy	High
14	Checkout products through bank	User can pay products through bank Make sure to buy and sell products conveniently	High
15.	Login	User can login after register	High
16.	Review and rating products	User can read review and rating products to evaluate product quality	Medium
17.	Edit information	User can manage personal information and can edit information before signing in to Winshop website	Medium
18.	Update cart	User can manage his/her cart and can edit information's cart	Low
19.	Delete product in the cart	User can delete his/her a product on the cart	Medium

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## 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