
Group...Class 4C15

**Computer Shop Management System
Vision**

Version 1.0

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Vision

1. Introduction

Vision is to collect, analyze, and define high-level needs and features of the online computer shop management project. It focuses on the capabilities needed by the stakeholders and the target users, and why these needs exist. The details of how the online computer shop management project fulfills these needs are detailed in the use-case and supplementary specifications.

2. Positioning

2.1 Problem Statement

The problem of	Creating convenience when buying computers and managing computers in the store
affects	Customers and Storekeepers
the impact of which is	Inconvenient to buy computers
a successful solution would be	Online computer shopping

2.2 Product Position Statement

For	computer shop
Who	Need an online management system
The Computer Shop Management System	Is a Web-based Online System
That	Provides latest information for the Customers and the Storekeepers
Unlike	Existing manual in-person computer shop system
Our product	Computer Shop Management System

3. Stakeholder and User Descriptions

The Computer Shop Management System that is to be developed provides the customers of the and employees of the computer shop with computers' information, online shopping

of computers and many other facilities. The Computer Shop Management System is supposed to have the following features:

- The product provides the customers with online shopping of computers capabilities and the Computer Shop Management System is active around the clock.
- The system provides login function to the users.
- The system provides the members with the option to check their account and change their setting
- The system allows the members to rate the quality of computers and write reviews on computers
- The system lets the computer shop employees to check member's information and check the orders from customers
- The system allows the computer shop employees to update the information as well as the images of computers on the website
- The system allows the computer shop employees to check quantity of the computers in stock

3.1 Stakeholder Summary

Name	Description	Responsibilities
Computer shop employee	Computer shop employee manages computers	Uses the computer shop management system to manage computers in the store
Customer	The person who buys computers from the computer shop	Uses the bookstore management system to buy books and update his account

3.2 User Summary

Name	Description	Responsibilities	Stakeholder
Computer shop employee	Key user of the system	Uses the computer shop management system to manage computers in the store	The stakeholder is also a computer shop employee
Customer	Key user of the system	Uses the computer shop management system to buy computers and update his	The stakeholder is also a customer

		account	
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3.3 User Environment

The users of the system are employees and customers of computer shop. The system must be active 24/24 in order to meet the demand of the customers. The computer shop employees work with computers in the store to administer the online computer shop management system. The customers use computers, mobile phones or any other Internet-connected electronic devices to access this system at home or at any other locations. This system requires Internet Explorer or similar web browsers.

3.4 Summary of Key Stakeholder or User Needs

Need	Priority	Concerns	Current Solution	Proposed Solutions
Database failing should be 0%	High		Upgrade the Database. Database should never fail.	Increase the Server speed. Maintain the Database.

3.5 Alternatives and Competition

None.

4. Product Overview

Product overview provides a high-level view of the Computer Shop Management System capabilities, interfaces to other applications, and system configurations. This section consists of two subsections, as follows:

- Product perspective
- Assumptions and dependencies

4.1 Product Perspective

The Computer Shop Management System brings about great benefits to the customers and employees of computer shop. The system provides computers catalog and information to customers and helps them decide on the computers to buy from the computer shop. The computer shop employees can keep the computers catalog updated all the time so that the customers always get the up-to-date information.

4.2 Assumptions and Dependencies

- The users have sufficient knowledge of computers.
- The users know the Vietnamese language, as the user interface will be provided in Vietnamese
- The existing database can be integrated with the Computer Shop Management System.

5. Product Features

- The system website is capable of display correctly on different devices web browser of any screen size (i.e. responsive design).
- All system website functions are available through popular web browsers; for instance, Google Chrome, Mozilla Firefox, Opera, Safari, Microsoft Edge, Internet Explorer.

6. Other Product Requirements

6.1 Applicable Standards

User should have network facilities.

6.2 System Requirements

The major dimensioning characteristics of the software that impact the architecture and performance constraints:

- The system shall support up to 1000 concurrent users against the primary database at any given time, and up to 500 concurrent users against the local servers at any one time.
- The system must perform all functions with minimal time delays.
The system must also accurately save all information transactions.

6.3 Environmental Requirements

None.