Vision and Scope Document

for

Shop Online Watches System

**Version 1.0 approved**

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Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Date** | **Reason For Changes** | **Version** |
| Huynh Nhat Minh, Le Minh Nghia, Ton Tu Trinh, Nguyen Trung Hien | Saturday, October 22, 2020 | initial draft | 1.0 draft 1 |
|  |  |  |  |

# Business Requirements

## Background

Most college students, business people, teachers, parents, and children, each need their watch. But taking the time to go to the store to make a watch is very difficult in the 4.0 era, so customers need an online ordering system to be able to order a watch for themselves without having to. go directly to the store to choose from. Both save time and travel costs. Thanks to the store's online ordering system, customers can access many different models. The store's website has templates for kids, business people, couples, and singles so customers can freely choose the one they like.

## Business Opportunity

Many employees, students, ... have requested a system that allows users at home to still buy watches (which is understood as a system that includes all watch models) online, the system This will save customers time and it will help them know if the product they like is available in store.

## Business Objectives

* BO-1: Support customers to easily order, reduce time to find and buy products, reduce consulting costs to buy watches for customers.
* BO-2: Quickly support payments via payment methods such as Momo…
* BO-3: Increase sales for the store.

## Success Metrics

* SM-1: 80% of customers come to the website at least twice a week.
* SM-2: Ranking well in the customer satisfaction survey.

## Vision Statement

The Shop Online Watches System allows customers to use web ordering does not need to go directly to the store, which will save them time.

## Business Risks

* RI-1: Too few users can use the system, reducing the return on investment from the system development and changes to the website process.
* RI-2: Being attacked by an adversary causes the website to fail.
* RI-2: The website page cannot be TOP searched for Google.

## Business Assumptions and Dependencies

* AS-1: The user interface systems are easy to use and find the product easily.
* AS-2: Each product will have many colors or styles for easy selection.
* AS-3: When selecting a product, you will see a brief introduction about the product, its origin, and the product comments of other customers.

## Business Rule:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Rule Definition** | **Type of Rule** | **Static or Dynamic** | **Source** |
| 1 | All watches in the store have barcodes attached. | Facts | Dynamic | Manager |
| 2 | Shipping charges apply for each order. | Facts | Dynamic | Manager |
| 3 | Do not import tax evasion items. The lists of contraband goods are prohibited. | Constraints | Dynamic | Manager |
| 4 | Receiving orders, approving orders. | Action | Dynamic | Manager |
| 5 | Depending on the product, the shipping mode can be easy and complex to deliver. | Facts | Dynamic | Quality Policy |
| 6 | The warranty card must contain full information about the store and must have an invoice for the customer. | Constraints | Dynamic | Government |
| 7 | The client's login account password will be encrypted. | Constraints | Dynamic | Corporate security policy |
| 8 | At the end of the day, the employee calculates the gross income and the orders for the day to report. | Action | Dynamic | Staff |
| 9 | At the end of the month, employees write reports about products sold the most and the least. | Action | Dynamic | Staff |
| 10 | If the customer does not receive the goods, the goods will be returned to the store. | Inferences | Dynamic | Manager |
| 11 | When the product is out, the website will report out of stock and have to wait for the product to be imported. Time to import depends on the characteristics of the product (difficult to import or easy to import). | Inferences | Dynamic | Manager |
| 12 | When customers use their accounts to buy goods without promotions, they will earn points. Otherwise, accounts that have been inactive for more than one year will lock. | Inferences | Static | Manager |

# Scope and Limitations

## Major Features

* FE-1: Manager Product
* FE-2: Manager Catalogues
* FE-3: Manager Employee
* FE-4: Manager Image
* FE-5: Manager Supplier
* FE-6: View products
* FE-7: View details product
* FE-8: Save product, the customer has added a shopping cart
* FE-9: Reports TOP Customer best bought
* FE-10: Reports TOTAL PRODUCT In-system
* FE-11: Manager Customer.
* FE-12: Search Product.

## Scope of Initial Release

|  |  |  |  |
| --- | --- | --- | --- |
| Feature | Release 1 | Release 2 | Release 3 |
| FE-1: Manager Product | Fully implemented |  |  |
| FE-2: Manager Catalogues | Fully implemented |  |  |
| FE-3: Manager Employee | Fully implemented |  |  |
| FE-4: Manager Image | Fully implemented |  |  |
| FE-5: Manager Supplier | Fully implemented |  |  |
| FE-6: View products | Fully implemented |  |  |
| FE-7: View details product | Fully implemented |  |  |
| FE-8: Save product, the customer has added a shopping cart | Fully implemented |  |  |
| FE-9: Reports TOP Customer best bought | Not implemented | Template | Implemented |
| FE-10: Reports TOTAL PRODUCT In-system | Not implemented | Template | Implemented |
| FE-11: Search Product | Search by Name | Search by Catalogues | Search by price |
| FE-12: Manager Customer | Fully implemented |  |  |

## Scope of Subsequent Releases

* LI-1: The product is only delivered when ordering after 3 hours.
* LI-2: The product is for domestic distribution only.

# Business Context

## Stakeholder Profiles

* Directly: customers, employees, administrators.
* Indirectly: Hosting, visitors.

## Project Priorities

|  |  |  |  |
| --- | --- | --- | --- |
| Dimension | Constraint | Driver | Degree of Freedom |
| Features | All features scheduled for release 1.0 must be fully operational |  |  |
| Quality | 85% of user acceptance tests must pass; all security tests must pass |  |  |
| Schedule |  |  | release 1 planned to be available by end of Q1 of next year, release 2 by end of Q2; overrun of up to 2 weeks acceptable without sponsor review |
| Cost |  |  | budget overrun up to 15% acceptable without sponsor review |
| Staff |  | team size is half-time project manager, half-time BA, 3 developers, and 1 tester; additional developer and half-time tester available if necessary |  |

## Deployment Considerations

The site will need to be upgraded to the latest version and product updates when the store imports new products. Any corresponding infrastructure changes must be made at the time of the second release.