HANOI UNIVERSITY OF SCIENCE AND TECHNOLOGY

School of Information and Communications Technology

Software Requirement Specification

Version 1.1

AIMS

Subject: AIMS FEATURE ORDER

Group 21

*Hanoi,* *1, 2024*

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# Introduction

## Objective

This document presents the detailed description for feature approve order of admin.

This document is for stakeholders and related software developers.

## Scope

This document presents the detailed description for User management subsystem, user group and their usable function at run time. This document also describes the objectives and features of the system, interfaces and constraints of the system in response to external action.

This document is for stakeholders and related software developers

## Glossary

## References

# Overall requirements

## Actors

* Admin
* User
* Paypal/VNpay

## General use case diagram

A diagram of a network

Description automatically generated

## Lower-level use case diagrams

## Business processes

A white rectangular object with black lines

Description automatically generated

# Detail requirements

Details of the use cases given in following sections are specified below.

## Specification of Use case UC005 - “Phê duyệt đơn hàng”

1. **Use case code**

UC005

1. **Brief Description**
2. **Mô tả quy trình của usecae “Phê duyệt đơn hàng”**
3. **Actors**

Product manager

1. **Preconditions**

Product manager vào trang phê duyệt đơn hàng

1. **Basic Flow of Events**
2. Product manager chọn phê duyệt đơn hàng
3. Hệ thống hiển thị trang phê duyệt đơn hàng
4. Product manager chọn danh sách đơn hàng
5. Hệ thống hiển thị danh sách đơn hàng
6. Product manager chọn 1 đơn hàng
7. Hệ thống hightlight đơn hàng
8. Product manager bấm vào phê duyệt đơn hàng
9. Hệ thống kiểm tra số lượng hàng
10. Đơn hàng được phê duyệt thành công, hệ thống lưu lại trạng thái của đơn hàng
11. **Alternative flows**

Table N-Alternative flows of events for UC Place order

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Location** | **Condition** | **Action** | **Resume location** |
|  | At Step 7 | Product manager bấm vào từ chối đơn hàng | * Đơn hàng bị từ chối, hệ thống lưu lại trạng thái của đơn hàng | Use case ends |
|  | At Step 9 | Không đủ hàng | * Đơn hàng bị từ chối, hệ thống lưu lại trạng thái của đơn hàng | Use case ends |

1. **Input data**

Table A-Input data of …

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Data fields** | **Description** | **Mandatory** | **Valid condition** | **Example** |
|  |  |  |  |  |  |

1. **Output data**

Table B-Output data of …

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Data fields** | **Description** | **Display format** | **Example** |
|  |  |  |  |  |

1. **Postconditions**

# Supplementary specification

*<Presenting other requirements if necessary, including non-functional requirements such as performance, reliability, usability, and supportability; or other technical requirements such as database system, used technology…>*

## Functionality

<List of the functional requirements that are general to many use cases. E.g. Among the flow of events of use case, in all the steps that interacts with the database system, if there are errors in the connection or operation processes, there need to be a corresponding error notifications so that the actor knows that the error is related to the database system rather than the user>

## Usability

<Requirements that relate to, or affect, the usability of the software. Examples include ease-of-use requirements or training requirements that specify how readily the software can be used by its actors>

## Reliability

<Any requirements concerning the reliability of the software. Quantitative measures such as mean time between failure or defects per thousand lines of code should be stated>

## Performance

<The performance characteristics of the software. Include specific response times. Reference related use cases by name>

## Maintainability

<Any requirements that will enhance the supportability or maintainability of the software being built>

## Design Constraints

<Any design constraints on the software being built>