

VIETNAM NATIONAL UNIVERSITY, HO CHI MINH CITY
HO CHI MINH UNIVERSITY OF TECHNOLOGY
COMPUTER SCIENCE & ENGINEERING DEPARTMENT



ASSIGNMENT REPORT

Subject: Software Engineering

TASK 4: IMPLEMENT - SPRINT 1

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Chapter 1. VERSION CONTROL SYSTEM

1.1 Remote repository

Github repository: [TN01-05-Smart-Printing-Service-HCMUT_SSPS](#)

1.2 Documents

- Requirement: TN01-05-Task-1
- System modelling: TN01-05-Task-2
- Architecture: TN01-05-Task-3

Chapter 2. USABILITY TEST

2.1 Definition

The test is a survey that is founded for 42 HCMUT students to collect their opinions about the interface of the application. We used Google Form for information collecting and statistic and Figma view for users to test.

2.2 Result

2.2.1 Overview about the interface

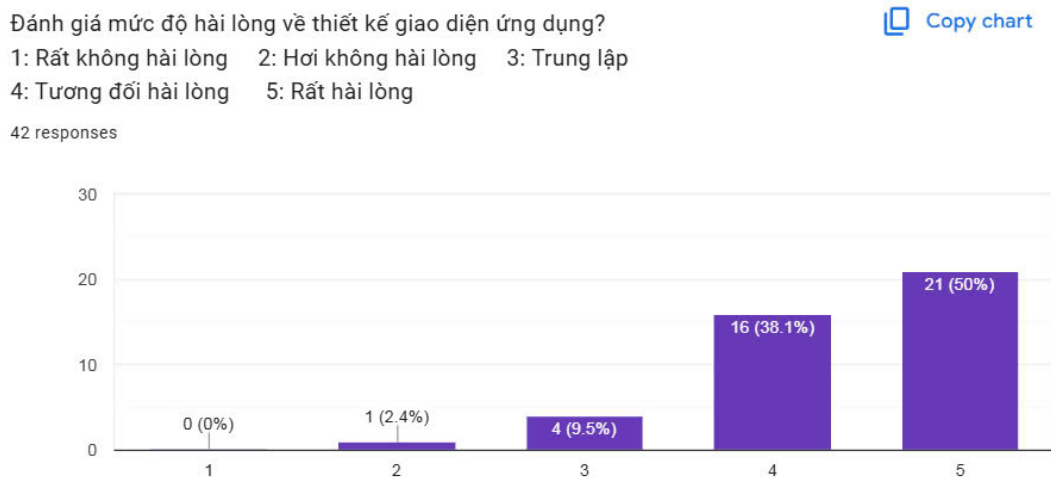


Figure 2.1: Overview result

The results highlight a strong positive reception, with 50% of respondents (21 individuals) rating their satisfaction as "Very Satisfied" (5), and 38.1% (16 individuals) selecting

"Relatively Satisfied" (4). Combined, these two categories account for an overwhelming majority of 88.1%, indicating a general approval of the interface design.

In contrast, negative feedback was minimal, with only 2.4% (1 respondent) rating the design as "Slightly Dissatisfied" (2), and no participants selecting "Very Dissatisfied" (1). Additionally, 9.5% (4 respondents) expressed neutrality by selecting the "Neutral" (3) option.

2.2.2 The printing interface

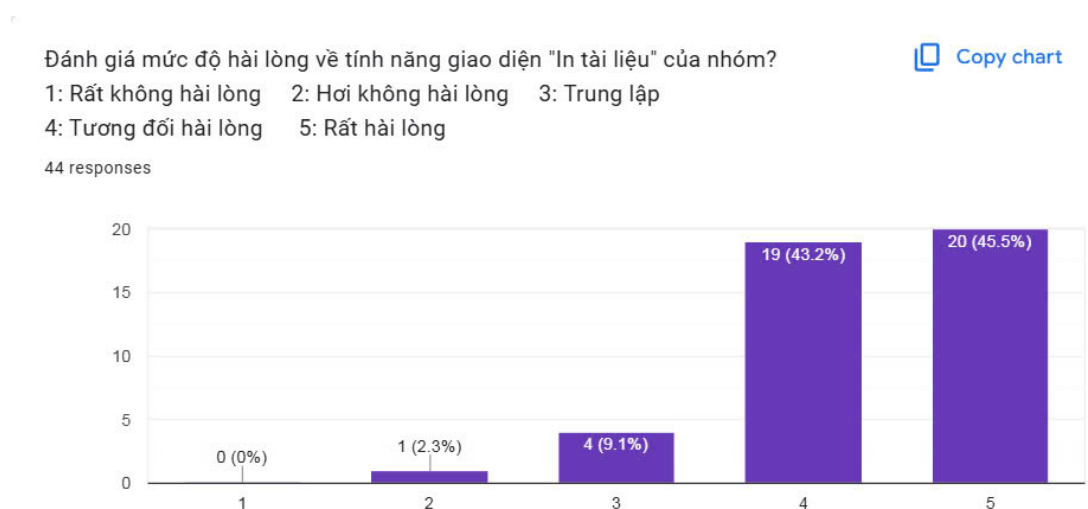


Figure 2.2: Printing page's result

The results reveal a predominantly positive response, with 45.5% of participants (20 individuals) indicating they are "Very Satisfied" (5), and 43.2% (19 individuals) selecting "Relatively Satisfied" (4). Together, these positive ratings account for 88.7% of the total responses, demonstrating strong satisfaction with the feature.

Neutral opinions were expressed by 9.1% (4 respondents) who chose the "Neutral" (3) option. Negative feedback was extremely limited, with only 2.3% (1 respondent) indicating they were "Slightly Dissatisfied" (2), and no respondents selecting "Very Dissatisfied" (1).

2.2.3 The buying page

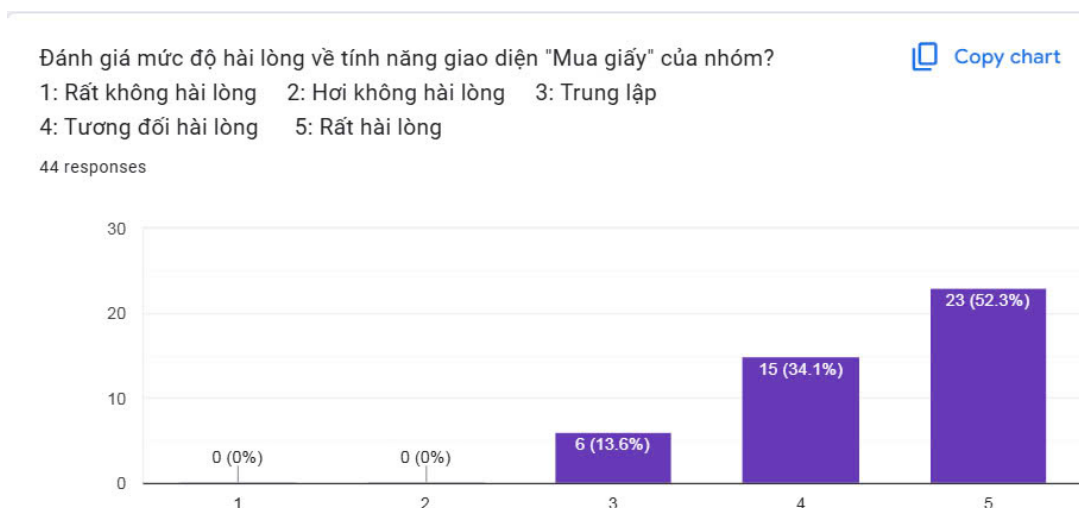


Figure 2.3: Buying page's result

The data reveals that most users hold a positive opinion of the feature, with 52.3% (23 individuals) rating their satisfaction as "Very Satisfied" (5) and 34.1% (15 individuals) selecting "Relatively Satisfied" (4). These two positive categories constitute an overwhelming majority of 86.4% of the responses.

Neutral opinions were recorded by 13.6% (6 respondents), who selected "Neutral" (3). Importantly, no respondents expressed dissatisfaction, as the categories for "Slightly Dissatisfied" (2) and "Very Dissatisfied" (1) received 0% of the responses.

2.2.4 The history page

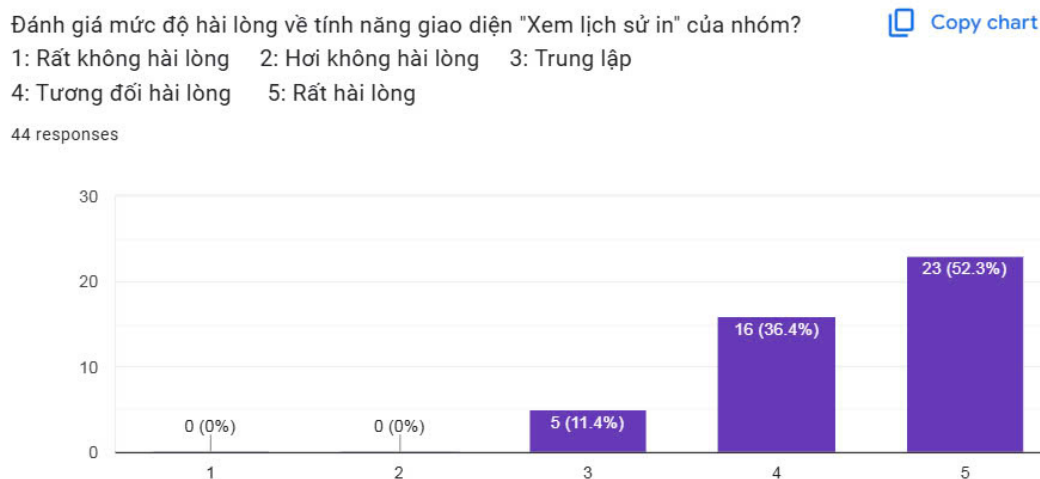


Figure 2.4: History page's result

The majority of the respondents expressed satisfaction with the “View Print History” feature. A significant 36.4% of respondents reported being somewhat satisfied, indicating that the feature met their expectations and likely enhanced their user experience. More notably, 52.3% of respondents were very satisfied with the feature. This majority indicates that the feature not only met but exceeded the expectations of many users. High levels of satisfaction can be attributed to the feature’s ease of use, reliability, and the value it adds to the users’ experience. Such overwhelmingly positive feedback signifies that the feature is highly effective and appreciated by users, contributing positively to their overall perception of the interface.

The survey revealed that a small percentage of respondents (11.4%) were neutral about the feature. This neutral stance suggests that while these users found the feature acceptable, it did not significantly impact their overall experience. This segment of users might be indifferent or have minimal interaction with the feature, highlighting an area for potential engagement improvement.

2.2.5 The menu page

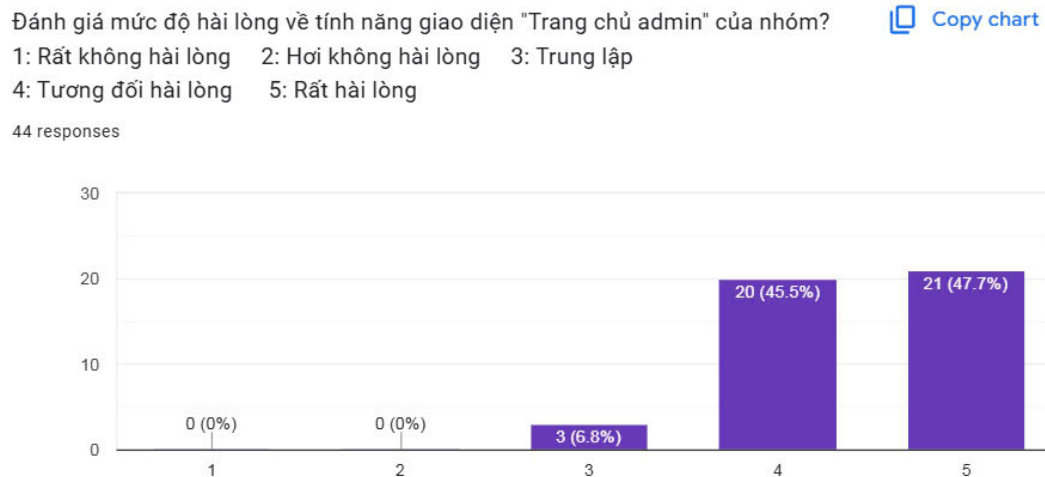


Figure 2.5: Menu page's result

A small fraction of respondents, 6.8%, chose a neutral stance, neither satisfied nor dissatisfied. This neutrality could stem from various factors, including lack of frequent interaction with the interface or indifference towards its features. While these neutral responses do not detract from the overall positive perception, they highlight areas where further enhancements could convert neutrality into satisfaction.

The bulk of the survey responses fell into the "Somewhat satisfied" and "Very satisfied" categories, with 45.5% and 47.7% respectively. This overwhelming positive feedback underscores the success of the "Admin Home Page" interface in delivering a satisfactory user experience. The high satisfaction rates reflect well on the interface's design, suggesting it is intuitive, accessible, and efficient in its functionality.