MANAGING INDUSTRIAL ATTACHMENT RECORDS: STUDENTS' PERCEPTIONS IN OPTIMISING ONLINE REPOSITORY AUTOMATED SYSTEM

ABSTRACT

The study aims to discuss the students' perceptions towards the implementation of automated system in helping the organization to manage records and documents, in which relate to practical or industrial training. Students who are registering for practical/industrial training have increased every semester, therefore the amount of data to be recorded has also increased. In the search of systematic and cost-effective ways of managing the information, there is a need to overcome the problem of keying data into the system and managing the filing manually. In consequence, this study would examine whether the development of automation system has significantly made the data management more efficient and effective (data collection, data storage and data retrieval). From the evaluation, 200 students' perceptions from the implementation were analyzed where the surveys were distributed to the students of random programmes in Universiti Teknologi MARA Sarawak. The findings indicated that the implementation of such application could contribute to the improvement of the information resources of the practical/industrial attachment students. This further ensures that the connection between the faculty and the students is uninterrupted. Apart from that, a good industrial relationship between the management and organization can also be established. The study's outcome indicates positive perceptions and responses from the student users which could impact the development of the application. Thus, the implementation of the proposed system should be used continuously as an automated information delivery tool.

INTRODUCTION

Online Repository Automated Information System (IS)

tool for recording, storing, processing and dissemination of information, and it includes a variety of computational and software technologies.

This system is a valuable platform :
to improve the process of managing loads of information.

Industrial Attachment (Practical Training)

training is compulsory for students of various curriculum programmes in the university.

the students will be exposed :
to the reality of the industrial environment where it will elevate the students' knowledge and skills in a specific profession of their respective fields and, produce graduates who are credible, creative, and proficient.

the academic staff :
will need to conduct a lot of data management and record especially when it comes to the big number of students to be managed every semester.

Due to this:

The process of collecting, keeping, and retrieving data could be tedious and time consuming when they are done manually. If record-management systems are effectively managed, it can assist an organisation to run smoothly in managing large volumes of data and ensuring the reliability of their records within a framework (Kemoni and Wamukoya, 2000).

To add, Zaragose (2022) has affirmed that the developed system must apply the good criteria in term of its functionality, usability, performance and be up to date to maximize its potential.

MAIN OBJECTIVES :

01 To oversee an Online Repository Information System for the management of practical training /industrial attachment information.

02 To identify students' evaluations (users) towards the Information System in managing their information and retrieving pertinent data.

RESULT

Google Sites · Cloud Storage

Table 1.0: Respondents' Demographic Profiles

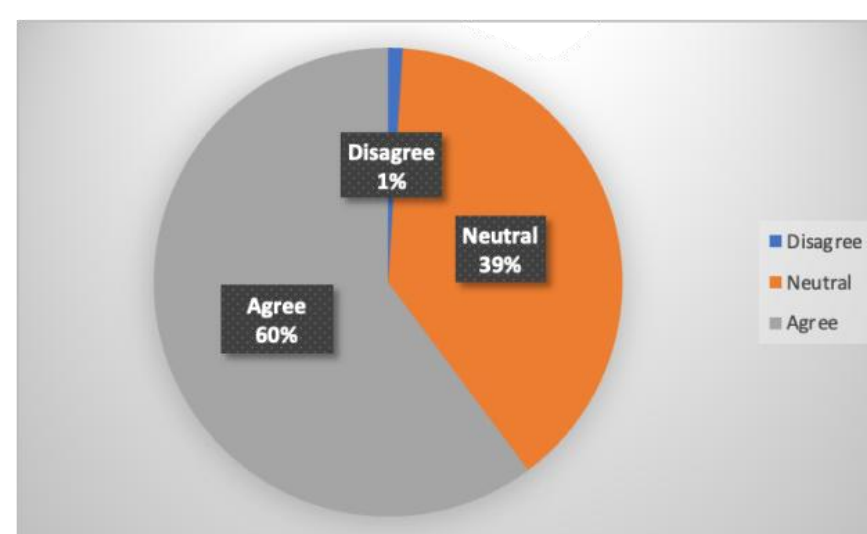| Items	Details	Percentage (%)
Gender	Male	60.0
	Female	40.0
Level of Education	Degree	48.0
	Diploma	52.0
Computer experience	1-3 years	27.5
	4-6 years	25.0
	7-10 years	25.0
	More than 10 years	22.5

Table 2.0 Features Elements Analysed For Students' Evaluation and Feedback

Items	Strongly Disagree (%)	Disagree (%)	Neutral (%)	Agree (%)	Strongly Agree (%)
Design	0	3.9	24.3	60.2	11.6
User friendly interface	0	1.9	26.2	58.3	13.6
Cloud Accessibility	0	2.9	20.4	54.4	22.3
Ease of use	0	4.8	20.4	54.4	20.4
Attractiveness	0	1.0	22.3	49.5	27.2
Relevant information	0	1.9	21.4	49.5	27.2
Cost Saving	0	1.0	22.3	49.5	27.2
Quicker Response	0	0	17.5	59.2	23.3
Usefulness	0	1.0	29.1	46.6	23.3
Save time	0	1.0	30.0	44.7	24.3
Accuracy	0	0	10.7	39.8	49.5
Timely information	0	1.0	15.5	49.5	34
Flexibility	0	1.0	38.8	54.4	5.8

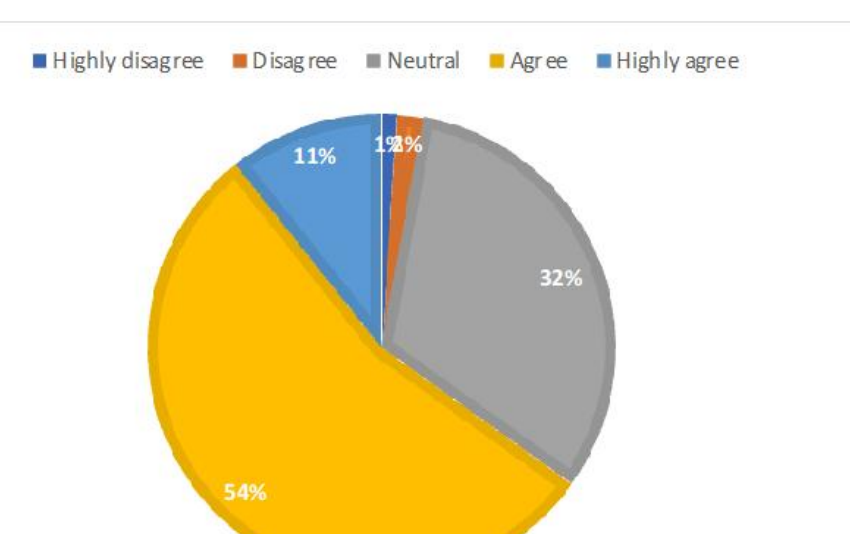Figure 1.0 Feedback On The Students' Satisfaction In Using The Platform

Figure 2.0 Feedback on The Recommendation of the System's Usage

CONCLUSION

Effective automation system is the key to provide access to numerous resources and deliver this content dynamically through a well-constructed back end of the database implementation.

This Study can contribute to knowledge:

Recovery on the development of the online repository that has digitalized the management process of Practical/Industrial attachment.

Future Planning:

Involves the development of a very comprehensive application which will make the practical training coordinator tasks such as updating the information become easier and save time, providing end user with more user-friendly interface and informative system that helps practical training coordinator and students in managing the records.

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