

Islamic Financial Management Student Skill Development Training in Developing a Profit and Loss Information System

Mashudi

UIN Sayyid Ali Rahmatullah Tulungagung, Indonesia

e-Mail: mashudi_stain@yahoo.co.id

Nadia Roosmalita Sari

UIN Sayyid Ali Rahmatullah Tulungagung, Indonesia

e-Mail: nadiaroosmalitasari@gmail.com

DOI: 10.15548/turast.v11i1.5713

Accepted: March 10th 2023. Approved: March 21st 2023. Published: March 23rd 2023

(Diterima: 10 Maret 2023. Disetujui: 21 Maret 2023. Diterbitkan: 23 Maret 2023)

Abstrack

Students of the Sharia Financial Management Study Program still use the manual calculation method in financial management, such as bookkeeping. This model is less effective when used in financial management because students have to think about entering several formulas to produce output in each calculation operation. This will be done repeatedly by students. This method will make students bored and even reduce the level of concentration in the learning process. The use of the internet as a means of supporting learning on campus is still not optimal because once again learning in this course uses conventional methods. The purpose of the service is to provide education about the importance of financial management by utilizing internet-connected technology and providing additional skills to students through training in developing a website-based financial management information system. The service implementation method used is by briefing on the importance of information systems for financial management as well as practices in developing simple information systems. The result of this activity is students are able to develop a simple information system such as for profit and loss calculation system.

Keywords: *Training, Financial, Management, Information System, Skill*

INTRODUCTION

The development of science is currently increasing so rapidly. The increasing need for information encourages people to develop new technologies so that data and information processing can be done easily and quickly. To facilitate human activities at work, modern technology will have a huge impact, especially in the digitalization era, for example by utilizing existing technology as a tool for financial management,

as has been done by students of the Islamic Financial Management Study Program, UIN Sayyid Ali Rahmatullah Tulungagung.

In practice, students of the Islamic Financial Management Study Program still use the manual (conventional) calculation method in financial management, namely they still use the bookkeeping method. After making several further observations to the lecturers of the Financial Management course, progress has been made in the application of computer technology, namely using Ms. Excel in financial management. However, the use of Ms. Excel in financial management is still not effective because students have to think about entering several formulas or formulas to produce output in each calculation operation. This will be done repeatedly by students. This method will make students bored and even reduce the level of concentration in the learning process. In addition, the use of the internet as a means of supporting learning on campus is still not optimal because once again learning in this course uses conventional methods.

To realize the vision of UIN Sayyid Ali Rahmatullah Tulungagung through the development of a smart campus where one of the visions of this institution is that all activities carried out by students must utilize technology connected to the internet. So that in this service activity, it can provide knowledge about the importance of financial management by utilizing internet-connected technology and providing additional skills to students through training in developing a website-based financial management information system.

Based on the background above, a web-based information system development training in financial management will be carried out. With this training, it is hoped that students will not only be able to utilize existing technology as a financial management tool, but also have the skills to develop simple information systems. For this reason, community service is carried out to provide training to Islamic Financial Management students at UIN Sayyid Ali Rahmatullah Tulungagung.

From the above problems, the Service Objectives can be formulated, namely: (1) Providing education to participants about the importance of utilizing existing technology for financial management; and (2) Implement skills training for participants to be able to develop simple systems in financial management.

This service activity has uses including (1) Providing knowledge to participants about the importance of technology in financial management; and (2) Provide skills and abilities to participants to be able to develop simple systems in financial management.

GENERAL DISCRPTION

Website

The website has several pages that contain digital data information. These data are images, text, video, animation, audio, which appear via an internet connection (Josi, 2017). Websites are web pages contained in the domain that contain information (Mulyanti & Pd, 2017). The definition of a website is a collection of pages or consists of several pages that provide information. The relationship between a web page and another web page is called a hyperlink, and the text used as a connection medium is called hypertext.

According to Wanda (2017), some of the benefits of websites are (1) websites can increase effectiveness and efficiency; (2) Ready to make online transactions; (3) Information access and information dissemination; and (4) integrating data (Wanda, 2017).

Information Systems Success

The success of information systems as a model to measure the success of information systems consists of system quality, information quality, and service quality (Utomo et al., 2017).

a. System quality

System quality can be described as a combination of hardware and software quality. The focus is on system performance. This shows how hardware, software, policies, procedures, and features of information systems can meet the needs of user information.

The indicators used are: (1) use; (2) availability; (3) reliability; (4) adaptation; and (5) long response.

b. Information quality

To find out the quality of information, the indicators used according to the success of the information system are: (1) personalization; (2) complete; (3) relevant; (4) easy to understand; and (5) safe.

c. Service quality

The indicators used to determine the quality of information according to the success of the information system are: (1) tangible; (2) reliability; (3) Electiveness; (4) Guarantee; (5) Safe.

Financial Management

Financial management is the management of the financial function. The financial function includes financing (financing) and the use of these funds (financing). Treasury managers are interested in determining the appropriate amount of assets by investing in different assets and selecting funding sources to fund those assets. To fund these funding needs, financial managers can fulfill them from external sources as well as from internal sources. External funding sources come from the capital market, namely meetings between parties who need and can provide funds. Funds from this capital market can be in the form of obligations (bonds) or shares (shares). Sources within the company come from retained earnings, reserves, and company depreciation. After receiving the funds, it is necessary to use them to run the company. Funds are embedded in various tangible assets of the company. Financial management plays a role in the life of a company which is determined by the economic development of capitalism. At the beginning of the birth of capitalism as an economic system, financial management discussed profit and loss issues (Susilo, 2018).

Condition of Assisted Subjects

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The Expected Conditions

To realize the vision of UIN Sayyid Ali Rahmatullah Tulungagung through the development of a smart campus where one of the visions of this institution is that all activities carried out by students must utilize technology connected to the internet. So that in this service activity, it can provide knowledge about the importance of financial management by utilizing internet-connected technology and providing additional skills to students through training in developing a website-based financial management information system.

With this training, it is hoped that students will not only be able to utilize existing technology as a financial management tool, but also have the skills to develop simple information systems. For this reason, community service is carried out to provide

training to Islamic Financial Management students at UIN Sayyid Ali Rahmatullah Tulungagung.

METHODS

Student problems that will be solved in this community service activity are efforts to increase knowledge and skills in developing a web-based financial management information system. The problem-solving framework for overcoming these problems is described in the chart below.

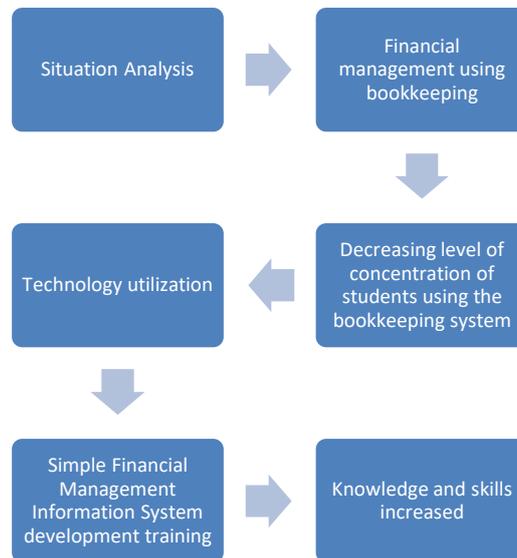


Figure 1. Problem Solving Framework

Time and Place of Community Service

The target of this community service activity is Islamic Financial Management students of UIN Sayyid Ali Rahmatullah Tulungagung as many as 27 students who have taken Financial Management courses. This community service activity was held on June 20-22 2022 at UIN Sayyid Ali Rahmatullah Tulungagung.

Method and Design of Community Service

In order to achieve the goal of community service, the following steps are taken (Khairiyah et al., 2022):

- a. Make further observations to formulate the problem in detail. In this case, the problems studied previously are studied further. The goal is to find truly objective problems that occur in the field so that solutions to problems can be created or arranged.
- b. Analyze what needs are needed for training for lecturers and some students.
- c. Contact the Islamic Financial Management HMJ organization to coordinate regarding the implementation of community service activities.

- d. Prepare the necessary facilities and infrastructure, such as classes, computer equipment, networks, practicum modules, and participant invitations.
- e. Organizing activities that will be followed by Islamic Financial Management study program students, through the model:
 - 1) Lectures and questions and answers are used to convey material and educate participants about the importance of utilizing existing technology for financial management.
 - 2) Providing assistance to students through practice to improve skills in developing a simple profit and loss system in financial management.
- f. Monitoring and evaluating the activities that have been carried out as well as reviewing that these activities need follow-up.

This instrument of success in community service activities refers to Permenristekdikti Number 44 of 2015, namely the minimum criteria for evaluating the results of community service include:

- a. Measuring the level of community satisfaction;
- b. The occurrence of changes in attitudes, knowledge and skills in the community in accordance with program objectives;
- c. Science and technology can be utilized in a sustainable manner;
- d. The creation of learning resources as a result of science and technology; or
- e. Resolved social problems and policy recommendations can be utilized by stakeholders.

Data analysis used in this community service program uses field data from monitoring and evaluation results. The results of the data analysis can be used to measure the success of this community service program.

RESULTS AND DISCUSSION

To realize the vision of UIN Sayyid Ali Rahmatullah Tulungagung through the development of a smart campus where one of the visions of this institution is that all activities carried out by students must utilize technology connected to the internet. So that in this service activity, it can provide knowledge about the importance of financial management by utilizing internet-connected technology and providing additional skills to students through training in developing a website-based financial management information system.

The implementation of this simple profit and loss system development training program was carried out for 3 days. One day delivery of theory about the importance of financial management with the help of technology. The next two days are mentoring the development of a simple financial management system.

Community service for Islamic Financial Management study program students at UIN Sayyid Ali Rahmatullah Tulungagung was carried out for two days in June 2022, namely on 20 and 21 June 2022. This service activity was carried out at the Syaifudin Zuhri building,

UIN Sayyid Ali Rahmatullah Tulungagung using a network of institutions. The stages carried out in this service activity are explained as follows.

1. Participants who attended the service were 27 of the 27 people invited. The percentage of participants who attended is described in detail in Table 1.

Table 1. List of Community Service Participants

No	Gender	Amount	Percentage
1	Male	5	19
2	Female	22	81
Total		27	100

2. The material presented on the first day is: (a) The importance of utilizing technology for Fintech financial management; and the following day is filled with (b) Training on the development of a web-based profit and loss financial information system to improve the competence of Islamic Financial Management students.
3. The training method used is a simulation method with the principle of increasing knowledge. In addition, the simulation is carried out with assistance in the development of a simple web-based profit and loss calculation system in managing finances.
4. Monitoring and evaluation is carried out on the last day of community service activities. Monitoring is carried out by checking the output produced by the participants during the mentoring process. In addition, observations were made in the field and gave questionnaires about participant satisfaction with community service activities that had been running. Not only containing the level of satisfaction submitted by participants through a questionnaire, but also suggestions and recommendations for improving community service activities that have been taking place. This will be an evaluation material for further community service activities.
5. From the results of monitoring and evaluation, out of 27 participants who had not been able to complete system development, there were two people. If you look at these figures, 92.6% of the participants managed to develop a simple financial management system to completion. While the remaining 7.4% still cannot complete their training properly due to several limitations.

Based on the presence and results of observations in the field through participant discussions, service participants feel happy and very enthusiastic about the service activities that have been held. This can be seen when the participants are very enthusiastic about the mentoring program and many questions arise during the mentoring program.

The level of community service satisfaction in this program is interpreted as the result of community opinion and evaluation of what has been received from the community service program that has been implemented. In addition to the satisfaction level score obtained from the survey, through the survey participants can provide suggestions and recommendations as feedback or evaluation material in the community service activities that have been carried out. There are 15 indicators of the level of community

service satisfaction which are included in the results of community opinions and assessments as shown in Table 2.

Table 2. Results of the survey on the level of satisfaction with community service activities.

No	Indicator	Average Score
1	Appropriateness of service activity material	4,7
2	Appropriateness of delivery of service activity material	4,44
3	The accuracy of the community service method	4,58
4	The level of resource persons in mastering the material and problems	4,31
5	Level of facilities and infrastructure supporting community service activities	4,19
6	The level of community participation in community service activities	4,5
7	The level of cohesiveness of the implementing team in the service program	4,55
8	The level of relevance, competence of the implementing team in the service program	4,68
9	The benefits of the service program	4,23
10	The service program is able to increase the quality, quantity, and added value of product or resource diversification services	4,61
11	The service program is able to increase the level of independence	4,23
12	The level of satisfaction with the service program	4,5
13	Conformity of service activities with community expectations	4,45
14	Appropriateness of the service program period	4,48
15	Public interest in community service activities	4,6
Final score		4,47
Category		Very interested

From the results of the survey that was conducted to determine the level of satisfaction with the implementation of community service activities shown in Table 2, it can be seen that each assessment indicator has a different final score, but if you look at the final score for each indicator, it is still above number 4. That is, if you look at Table 3 regarding the category of level of satisfaction in the implementation of community service, number 4 still indicates the category of Very Satisfied (Very Interested). On the other hand, based on Table 2 it can be seen that the overall level of community

satisfaction with community service has an average score of 4.47 and is included in the Very Satisfied (Very Interested) category. Community satisfaction related to community service programs can be an indicator of the success of community service programs. This is certainly in accordance with the success criteria for community service referring to the Minister of Research, Technology and Higher Education Regulation Number 44 of 2015 which has been explained in the previous sub-chapter.

Table 3. Category of satisfaction level of community service activities.

Category	Rate
Very Disinterested	1,00 - 1,80
Not interested	1,81 - 2,60
Less Interested	2,61 - 3,40
Interested	3,41 - 4,20
Very interest	4,21 - 5,00

So it can be said that the community is very accepting and willing to participate or get involved again if there are community service activities that will be carried out again. This is in accordance with the survey results in the form of suggestions and recommendations from participants, namely a request that this community service activity be continued to system development training to an advanced stage, which can be used as evidence that the participants are satisfied with the community service activities that have been held. Through continuous dedication, it will provide better knowledge and increase student competence, especially student skills, so that Islamic financial management students not only can improve cognitive aspects, but also have additional skills in developing financial management information systems.

CONCLUSION

Community service activities for Islamic Financial Management Study Program students at UIN Sayyid Ali Rahmatullah Tulungagung aim to provide additional skills to students in developing a simple financial management system to calculate profit and loss. This activity was carried out for 3 days with 27 participants at UIN Sayyid Ali Rahmatullah Tulungagung. This service activity includes: (1) delivering material on the importance of technology in financial management (Fintech); and (2) assisting participants in the development of a simple profit and loss financial management system.

Based on the survey results, the level of satisfaction with community service implementation, it can be seen that the overall level of student satisfaction with community service has an average score of 4.47 and is included in the Very Satisfied (Very Interested) category. Student satisfaction related to community service programs can be an indicator of the success of community service programs.

So it can be said that the community is very accepting and willing to participate or get involved again if there are community service activities that will be carried out again. This is in accordance with the survey results in the form of suggestions and

recommendations from participants, namely a request that this community service activity be continued to system development training to an advanced stage, which can be used as evidence that participants are satisfied with the community service activities that have been held.

REFERENCES

- Dewi Purwanti. (2021). DETERMINASI KINERJA KEUANGAN PERUSAHAAN : ANALISIS LIKUIDITAS, LEVERAGE DAN UKURAN PERUSAHAAN (LITERATURE REVIEW MANAJEMEN KEUANGAN). *Jurnal Ilmu Manajemen Terapan*, 2(5).
- Josi, A. (2017). *PENERAPAN METODE PROTOTIPING DALAM PEMBANGUNAN WEBSITE DESA (STUDI KASUS DESA SUGIHAN KECAMATAN RAMBANG)*. 9, 8.
- Khairiyah, U., Faizah, S. N., Rifanah, F. D., & Aryanto, S. J. (2022). Pendampingan Peningkatan Konsentrasi Mahasiswa PGMI Universitas Islam Lamongan Melalui Pelatihan Brain Gym. *Wikrama Parahita : Jurnal Pengabdian Masyarakat*, 6(1), 29–36. <https://doi.org/10.30656/jpmwp.v6i1.3686>
- Mashadi, M., Nurachmad, E., & Mulyana, M. (2019). Analisis Deskriptif Penilaian Website Perguruan Tinggi. *JAS-PT (Jurnal Analisis Sistem Pendidikan Tinggi Indonesia)*, 3(2), 97. <https://doi.org/10.36339/jaspt.v3i2.278>
- Mulyanti, D. D., & Pd, M. (2017). Manajemen Keuangan Perusahaan. *AKURAT | Jurnal Ilmiah Akuntansi*, 8(2), 10.
- Nofyat, Adelina Ibrahim, & Arisandy Ambarita. (2018). SISTEM INFORMASI PENGADUAN PELANGGAN AIR BERBASIS WEBSITE PADA PDAM KOTA TERNATE. *Indonesian Journal on Information System*, 3(1).
- Susilo, M. (2018). RANCANG BANGUN WEBSITE TOKO ONLINE MENGGUNAKAN METODE WATERFALL. *InfoTekJar (Jurnal Nasional Informatika dan Teknologi Jaringan)*, 2(2), 98–105. <https://doi.org/10.30743/infotekjar.v2i2.171>
- Utomo, L. T., Ardianto, Y. T., & Sisharini, N. (2017). PENGARUH KUALITAS SISTEM, KUALITAS INFORMASI, KUALITAS LAYANAN, TERHADAP KEPUASAN PENGGUNA SISTEM INFORMASI AKADEMIK UNIVERSITAS MERDEKA MALANG. *Jurnal Teknologi dan Manajemen Informatika*, 3(2). <https://doi.org/10.26905/jtmi.v3i2.1425>
- Wanda, S. S. (2017). *EFEKTIVITAS PEMANFAATAN WEBSITE DALAM RANGKA PROMOSI PRODUK DAN PENINGKATAN PENJUALAN STUDI KASUS PT. AMONINDO UTAMA*. 4(2), 11.