



Analysis of the Application of Android Based Financial Applications in the Preparation of Financial Statements of Batik MSMEs in Talang, Tegal District

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Abstract. The purpose of this research was to analyze the Application of Android Based Financial Applications in the Preparation of Financial Statements of Batik MSMEs in Talang Tegal District. The used data collection Interviews, observations, literature studies, and documentation were used to obtain data. Qualitative data analysis with descriptive approaches was employed as the data analysis technique. The findings of the study demonstrate that Application of Android Based Financial Applications tools to record business transactions and produce financial reports makes it easier for MSMEs to do so. Users will easily input purchase and sales transactions, accounts payable and receivables, payment of operating expenses and others. In addition, business capital will also be more closely monitored. The digital application is also easy to use at any time because it can be accessed via a smartphone so that it can provide real-time information so that it can help operations move more effectively and efficiently and can find out financial position anytime and anywhere.

Keywords: Application of android based financial applications · Financial reports · MSMEs

1 Introduction

Micro Small and Medium Enterprises (MSMEs) are one of the alternatives that can be chosen in increasing people's income. MSMEs, especially MSMEs have a very important role in the creation of job opportunities and sources of income in Indonesia and proved better able to withstand the impact of the economic crisis that had hit Indonesia in 1998. At that time the economic crisis reached its worst point with enormous negative impacts on almost all sectors [1].

Micro, small, and medium-sized enterprises (MSMEs) have also been able to contribute to the expansion of the national economy. In 2016, MSMEs contributed 59.84% of GDP, which increased to 60% in 2017.

This contribution is in keeping with the continued rise of the number of MSMEs. From 61.7 million in 2016 to 62.9 million in 2017, the number of MSMEs increased

by 2.06%, or 1.2 million.. This sector has a very large market share of 99.99% of all business people in the district. MSMEs also have a role in absorbing a workforce of up to 116.6 million people or 97.02% in 2017 [2].

Business development in the present period is fast-paced and dynamic, requiring business actors, particularly Micro, Small, and Medium Enterprises (MSMEs), to move quickly to keep up with technology advancements developments and have digital financial literacy in accordance with the times [3]. The goal is that these MSMEs actors can maintain markets and consumers and expand business networks. With the advancement of technology, it can help the development of MSMEs businesses and can even worsen the MSMEs situation.

Financial statements of good and high quality are those that can show information about a company's financial status so that it may be utilized as a guideline in making decisions, both by internal and external parties. Presenting financial statements becomes a problem for MSMEs actors, Especially for those who may still not have the ability to do bookkeeping either manually or system. This needs to be taken seriously, considering the fact that financial statements become a measure of the health and sustainability of the business carried out [4].

The Indonesian government is currently working on Industry 4.0, which includes batik, to boost the industry's competitiveness and independence [5]. The development of MSMEs in Batik Talang, Tegal Regency, requires financial reports and analyzing the application of digital application assistance so that they can be controlled and compete well with other MSMEs. Based on the phenomenon that occurred the MSMEs Batik Bengle Talang Village Tegal confusion that hit the MSMEs resulting in the report and writing scattered whether my mother, negligence in financial bookkeeping in a business can be fatal which causes MSMEs to suffer losses and will falter their finances until out of business.

Currently, MSMEs do not recognize or appreciate the advantages of income statements, statements of financial position/balance sheet, capital change statements. This is because MSMEs actors themselves are still blind to financial statements the reason MSMEs do not use accounting, among others, accounting is considered something difficult and not important. Some MSMEs actors say that without accounting the company continues to run smoothly and always earn profits [6].

Sophisticated internet services make it easier for MSMEs owners to have an application of android based financial applications that helps with financial bookkeeping of their business. Because all types of businesses both small and large need clear bookkeeping. So, using an application of android based financial applications MSMEs because it will provide details of the influx of business money.

The development of MSMEs Batik Talang Tegal District demands that there be financial statements and analyze the help of an application of android based financial applications in order to be controlled and compete well with other MSMEs. The researcher is interested in conducting research named "Analysis of the Application of Android Based Financial Applications in the Preparation of Financial Statements of Batik MSMEs in Talang Tegal District".

MSMEs (Micro, Small, and Medium-Sized Enterprises) According to the Indonesian Institute of Accountants, are entities that have met the definitions and criteria for micro,

small, and medium enterprises as set forth in Indonesian laws and regulations for at least two years, as outlined in the Financial Accounting Standards for Micro, Small, and Medium Entities (SAK EMKM).

The American Institute of Certified Public Accountants (AICPA) published a report in 2007 that stated [7] defines “accounting is the art of recording, classifying, and summarizing transactions and events of a financial nature in an efficient manner and in the form of units of money, and interpreting the result of the process”.

1.1 Financial Statements

Financial statements are recordings of a company’s information during a given accounting period that describe its performance. Bankers, creditors, owners, and other interested parties can utilize financial statements to analyze and assess the company’s financial performance and condition [8].

1.2 Accounting Practices in Financial Statements

Accounting practices in a financial report are defined by the availability of financial statements that have been generated in a systematic manner and are backed up by sufficient evidence. It is dependent on the availability of accounting information systems in order to compile financial reports. In today’s world, information technology is a critical component of a company’s operations. Information systems have a significant impact on practically every element of corporate management, including the administration of SMEs [3]. However, the majority of Micro, Small, and Medium Enterprises (MSMEs) are still operated in a traditional manner, which means that the use of information technology is still limited [9].

There are two types of information systems, namely single user and multi user. A single user information system is an information system designed to meet the personal information needs of a single user. Meanwhile, multi-user information systems are designed to meet the information needs of work groups (departments, offices, divisions, sections) or the entire organization. To build an information system, both single user and multi user, it is necessary to effectively combine the following information system components [10]: Human Resources, Procedures, Data, Software, Smartphone Financial Applications, and Information Technology Infrastructure.

In the accounting information system and presentation of financial statements a company consists of 3 main components, the three components of the system function/subsystem are input, process, so as to produce output in the form of financial reports as information needed in managerial decision making.

This function also shows that the system as a process cannot stand alone, there must be input, process, and output. There are several examples of financial accounting applications on Android-based smartphones that have developed in Indonesia, including: UKM Accounting Application and Buku Warung application.

2 Research Methods

This research was carried out in Bengle Village, Talang Tegal District which will be carried out from October to January 2022.

Qualitative and quantitative data are the two categories of data employed. Interview data from SMEs in Bengle Village regarding their company and financial reporting provided the qualitative data for this study. Payment notes, income and expenditure records were employed as quantitative data in this study.

This inquiry included both primary and secondary data sources. Direct interviews with the people concerned produce primary data in the form of information, conditions and allocation of the use of financial reports and applications used from MSMEs Batik Talang Tegal District.

Interviews, observations, literature studies, and documentation were used to obtain data. Data analysis techniques are qualitative data analysis with descriptive methods. The steps used in qualitative data analysis of descriptive methods are as follows: Data reduction, Data Presentation, Conclusion withdrawal and Verification.

3 Results and Discussions

3.1 Result

Based on the results of field observations, researchers got an initial description of the general transactions that occur in batik MSMEs in Talang. These transactions are inputted manually or do not even do the bookkeeping at all. Manual recording only follows the stages in the accounting cycle. We will go through many stages in accounting activities, spanning from financial transactions to bookkeeping and financial statement production. The accounting cycle refers to a set of activities that are repeated over and over again. The accounting cycle can be characterized in general as follows:

Figure 1 According on the findings of researchers’ observations and interviews, there are still many batik SMEs in Talang that have not done digital bookkeeping. However, there are some batik MSMEs in Talang that already use Application of Android Based Financial Applications in their business books. The MSMEs is UD Putra Amalia Batik which uses Akuntansi UKM application.

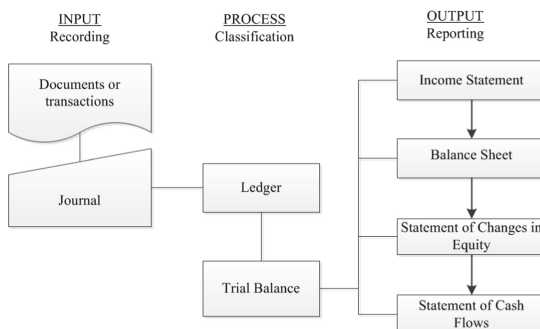


Fig. 1. Accounting.

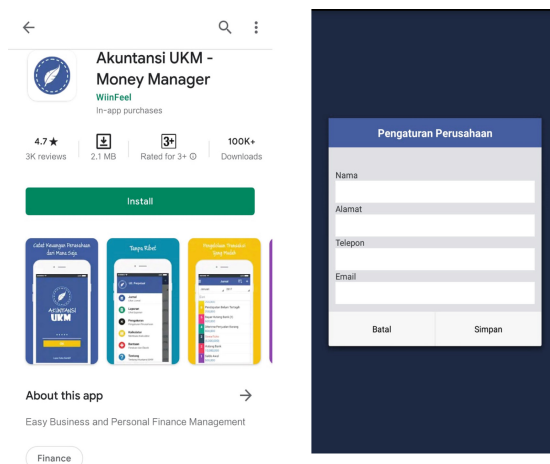


Fig. 2. Initial registration process.

3.1.1 Analysis of the Application of Android Based Financial Applications in the Preparation of Financial Statements of UD Putra Amalia Batik

In financial recording using Application of Android Based Financial Applications, the first thing to do is to install the application program. Then then do the registration process by entering the company name, address, telephone and email as a step to create a company database. Furthermore, the user can enter the initial capital. If the database has been created, the company can process financial transactions starting from input sales, input purchases to input expenses that occur during a certain period using the journal feature, so this application can automatically generate various reports and whenever needed and can be downloaded and hardcopy printed. Among the reports provided are general journals, ledgers, trial balances, income statements, balance sheets, and accounts payable and receivable reports.

The following is an explanation of the features provided by SME Accounting (See Figs. 2, 3, 4, 5, 6, 7, 8, 9 and 10):

3.1.1.1 Journal

Journals are used to enter the company's daily transactions. These transactions include purchases, sales, accounts payable and receivable, payment of expenses, etc.

Users can view the history of recorded transactions using the report feature by selecting a journal.

3.1.1.2 Journal Correction

Correction Journal will be marked in red if the journal or transaction entered is not balanced. Journal correction only applies if the user uses manual journal input.

3.1.1.3 Ledger

The ledger contains a summary of the daily journal reports that have been inputted. All transactions entered will be grouped by account name.

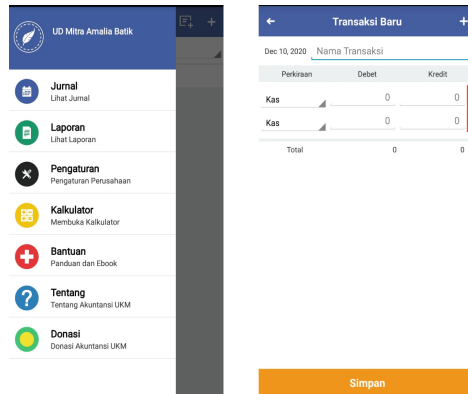


Fig. 3. Business transaction input process.

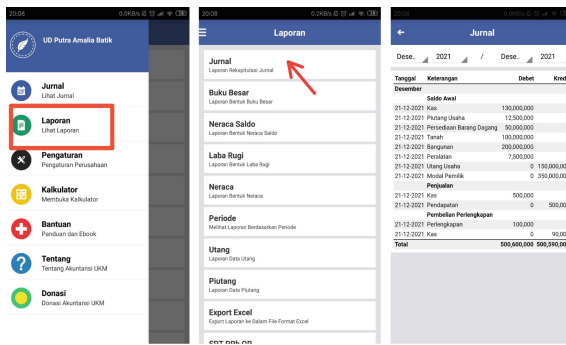


Fig. 4. Journal report.

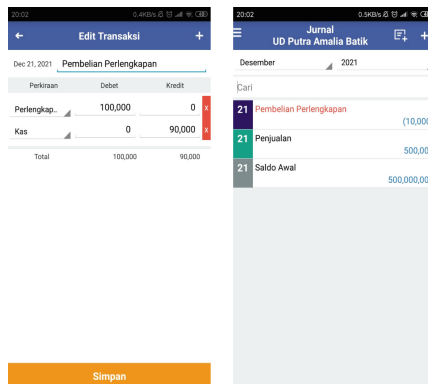


Fig. 5. Journal correction.

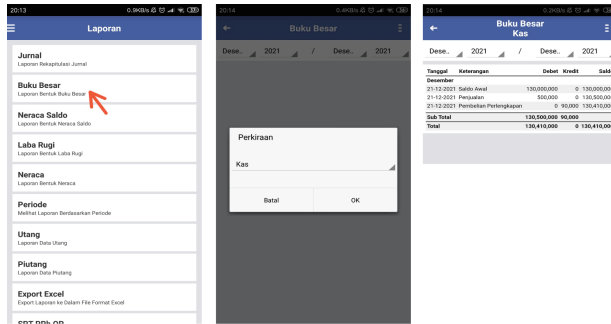


Fig. 6. Ledger report.

Perkiraan	Desember 2021	
	Debet	Kredit
Kas	130,410,000	0
Persediaan Barang Dagang	50,000,000	0
Perlengkapan	100,000	0
Piutang Usaha	12,500,000	0
Tanah	100,000,000	0
Bangunan	200,000,000	0
Peralatan	7,500,000	0
Utang Usaha	0	150,000,000
Modal Pemilik	0	350,000,000
Pendapatan	0	500,000
Total	500,510,000	500,510,000

Fig. 7. Trial balance.

3.1.1.4 Trial Balance

Trial balance is a daily journal value balance report that is input. The trial balance shows the company's financial position.

3.1.1.5 Income Statement

An income statement is a report that is used to view the company's profit or loss.

3.1.1.6 Balance Sheet

The Balance Sheet is a company's financial report as well as an automatic closing of the books.

3.1.1.7 Annual SPT Report

Annual SPT report is an annual tax return (SPT) containing a tax report that must be paid.

3.1.1.8 Export Excel

The features provided by the UKM Accounting Application are by saving reports in excel files so that they can be printed on a computer.

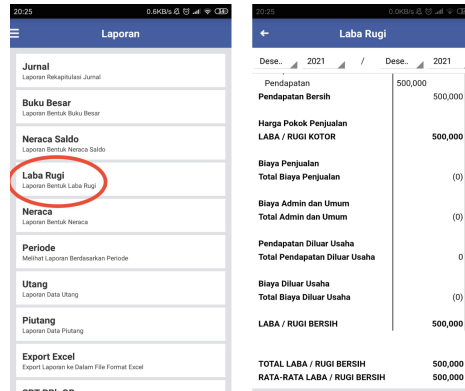


Fig. 8. Income statement.

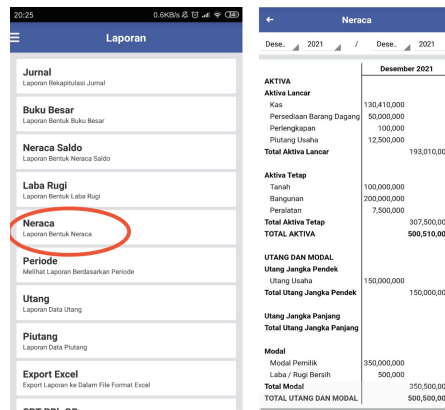


Fig. 9. Balance sheet.

3.1.1.9 Backup & Restore

Backup & Restore is Backing up data. This feature allows users to access the web version of the SME Accounting application.

3.1.1.10 Sync Google Drive

Google Drive Sync is backing up data to Google Drive.

3.1.1.11 Reminder

With this feature, application users can create reminder schedules.

3.1.1.12 Multi-User

The Multi User feature allows application users to enter multiple companies.

3.1.1.13 Calculator

Calculator is a feature to calculate as well as calculators in general.

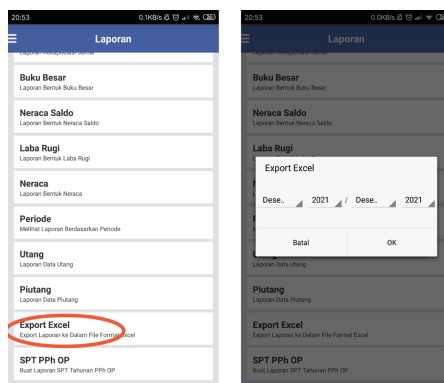


Fig. 10. Export financial report excel format

3.2 Discussions

From the above analysis, Micro Small and Medium Application provides convenience for MSMEs in carrying out business financial bookkeeping. Business transactions in the form of purchases and sales, payables and receivables, payment of operational expenses and others, will be easier and more practical if processed using application of android based financial applications such as micro small and medium application even though they are used by users, namely MSMEs such as UD Putra Amalia Batik who are unfamiliar with accounting knowledge. Users will easily monitor the company's finances because financial reports can be compiled automatically based on input transactions made, besides that, business capital will also be continuously monitored.

Some of the advantages of micro small and medium application include:

- The application is easy to use at any time because it can be accessed via a smartphone so that it can provide real-time information so that it is expected to help operations move more effectively and efficiently and can find out financial position anytime and anywhere.
- It is easy to enter business transactions micro small and medium application provides facilities in the form of a quick journal to enter journals or transactions quickly using a dual input model and journal correction which will give a red mark automatically if the transactions made are not balanced.
- Provide various reports that can be downloaded in excel format so that users do not need to create financial reports manually. The reports provided include: general ledger, trial balance, income statement, balance sheet, period report, accounts payable report, accounts receivable report, Annual SPT report.
- Micro small and medium application has good security quality because it provides features such as backup and restore, google drive sync, and security to lock the application so that users do not have to worry about losing data and leaking company financial information.
- Micro small and medium application has several complementary features that can facilitate the operation of the application, such as: reminders, multi users, calculators, guides and ebooks, and donations for SMEs.

- Fast data processing so that recipients of information can immediately make decisions or determine company policies.
- Human resource efficiency is enhanced by the fact that just one person is required to input data into the accounting information system, after which the next procedure is carried out automatically.

Although it has many advantages, application of android based financial applications, especially micro small and medium application, also have a weakness, namely serial errors because the process of each accounting stage occurs automatically, so if an error occurs in the input it will result in an error in the next stage.

4 Conclusions

Financial recording using digital applications on Batik MSMEs in Talang, Tegal district has been proven to make it easier for MSMEs to record business transactions and compile financial reports. Users will easily input purchase and sales transactions, accounts payable and receivables, payment of operating expenses and others. In addition, business capital will also be more closely monitored. The digital application is also easy to use at any time because it can be accessed via a smartphone so that it can provide real-time information so that it can help operations move more effectively and efficiently and can find out financial position anytime and anywhere and can automatically generate various reports and whenever needed and can be downloaded and hardcopy printed. Among the reports provided are general journals, ledgers, trial balances, income statements, balance sheets, and accounts payable and receivable reports.

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