



Automatic Financial Report Application

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Abstract:

Financial reports are important for business activity. From these financial reports, we can see transactions that are carried out at any time. Besides, it can be easier to calculate finances. Business actors' current condition is still carrying out their financial records manually, causing delays in financial recording and not to mention if the transaction evidence records are lost or damaged. The purpose of designing this application is to create a new application that can be used to record financial reports related to trading activities. We used a descriptive research method because we need to do some surveys to conclude the mistake. This research is an automatic financial reporting application design that we will create based on the results of the survey we have conducted. When compiling the design, we will make some forms for the transaction that will appear at the beginning of the application. After filling in the transaction forms, they will inputs automatically into the balance sheet and income statement.

Keywords: Automatic Financial Report, Financial Report Application, Application

INTRODUCTION

Accounting contains a conceptual framework, methods, procedures, and financial reporting techniques commonly referred to as financial statements (Mukoffi & Sulistiyowati, 2019). The financial statements are reports that show the company's current financial condition or a future period. The purpose and objective of financial statements show the financial condition of the company. Financial Statements Record is very important for

business activity. It is because, from these financial reports, we can see the transactions made regardless of time. However, many of them do a manual recording. This manual recording is very troublesome, not to mention that transaction evidence records are lost or damaged. Therefore, we tried to help business people in making digital technology-based financial reports. In addition to facilitating transaction records, this application also provides a balance report feature and an automatic profit and loss report. The purpose of financial reports is to provide information that manages the finances, performance, and changes in a company's financial position that is useful for a large number of users in making economic decisions (Ikatan Akuntan Indonesia, 2009). We find that financial reporting skills are one of the important factors determining regional withdrawals (Park et al., 2020). The reported earnings of most companies no longer reflect the company's performance. We monitor slumps using financial information to (1) respond by accounting standard setters from a traditional (basic) income statement model that supports a balance sheet model (asset estimation), and (2) standard-setters fail to adjust asset recognition rules to the in-source basis power that creates firm value from tangible assets to intangible assets (Lev, 2018). Usually, activists of Micro, Small, and Medium Enterprises have difficulty making financial reports. To encourage small business actors to conduct and use accounting information, it is necessary to start from small entrepreneurs' knowledge about accounting information (Linawati & Restuti, 2015). Small entrepreneurs' knowledge of accounting information is also determined by their experience in accounting information (Linawati & Restuti, 2015).

Before we designed this automatic financial report application, we had conducted several surveys to determine the opinions of Micro, Small & Medium Enterprises regarding this application. This study aims to produce financial reports for Micro, Small, and Medium Enterprises (MSMEs) based on financial accounting standards for Micro, Small, and Medium Enterprises (SAK EMKM) (Ardila et al., 2019). Financial reports based on SAK EMKM are prepared to consist of financial position statements, income statements, and notes to financial statements (Ardila et al., 2019). MSME actors compile simple financial reports. This automatic financial report application presents simple financial reports digitally via a gadget. Current technological developments can be used to develop it. The benefit, SMEs can easily access financial reports through gadgets regardless of damaged data or data loss (Aryawibawa & Syaroni, 2020). This research used a quantitative descriptive method. The distribution of data was using questionnaires (Senjani, 2020). The use of technology during the Covid-19 pandemic was very helpful in making this case study; regardless of how extraordinary technology is in educational institutions, E-learning's readiness plays a major role in driving the education process COVID-19 pandemic (Alqahtani & Rajkhan, 2020). This is based on evaluating the feasibility test, the results of expert validation, and the assessment by MSME Enterprises (Rahmatullah et al., 2020).

This research aims to create an application that can help micro, small, and medium enterprises (MSMEs) in the Dipatiukur area. It is because Dipatiukur is an area that has a lot of transaction activity. We are researching that area to help create financial reports automatically with this automatic financial reporting application.

RESEARCH METHOD

The method used was a qualitative descriptive method in which we surveyed an area in Bandung, West Java, Dipatiukur area. We took the area because the area is close to the campus where there are many buying and selling activities. To get the data, we first made direct observations to see the existing activities; after that, we conducted interviews with several MSME actors in the area.

After conducting interviews with these MSME actors, we concluded that they needed an application to record their income and expenses because they were still recording manually,

and these records were often lost or damaged.

RESEARCH RESULTS AND DISCUSSION

We decided to make an automatic financial reporting application that can help these MSME actors with the discussion results.

3.1. Analysis

In this analysis, we conclude that MSME actors often experience difficulties in making financial records. They often have a hard time keeping track of their income and expenses, sometimes to not know how much they are getting profit or might get a loss. Therefore, they need an application to automatically record their transactions with simple results to understand them easily.

3.2. Design

In this section, we tried to make a simple application design that is easy for MSMEs to understand. The design of this application's structure will be easier for MSME actors to be easily understood. The design of this application is described in Figure 1. It shows the structure of the application for recording automatic financial statements.

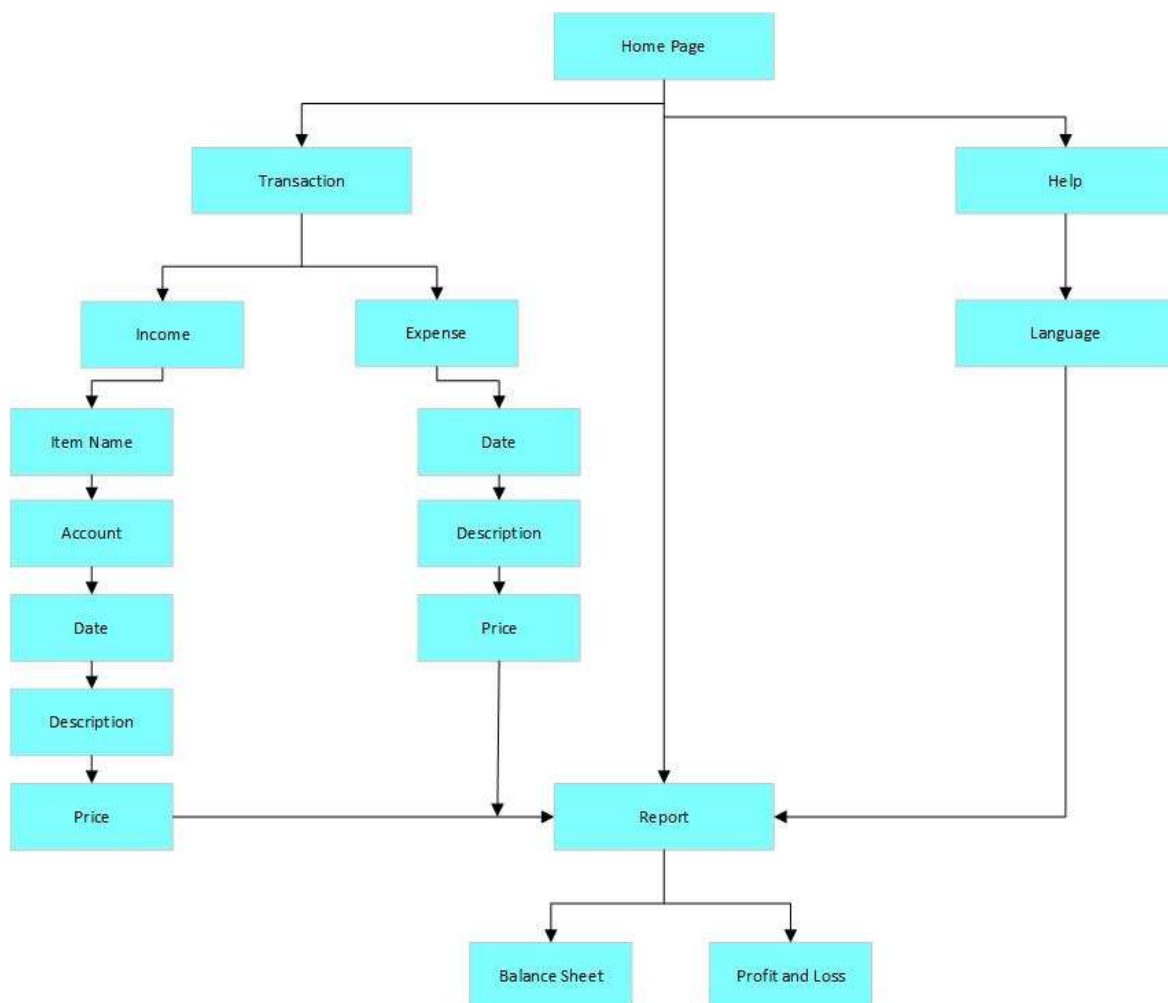


Figure 1. Automatic Financial Report Application Structure

This structure describes the menu in the application.

Section within the Application

Figure 2 shows the part of the home page in which there is a menu strip with three sub-menus to choose.



Figure 2. Home Page Automatic Financial Report Application

In figure 3, it is shown if we choose the transaction menu on the home page, we will be connected to the transaction form with two main menus, namely Income and Expense.

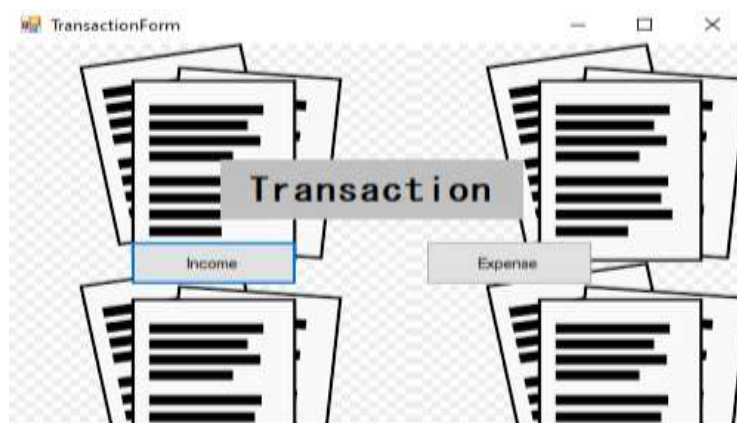


Figure 3. Transaction Form Automatic Financial Report Application

Figure 4 shows the form that we have to fill when we are going to make a sale. We select the income menu on the transaction form because we will get an income, which will then be inputted into the application. In this income form, we must first fill in some data, such as Item name, Account, Date, Description, and Price. Then, the user can select the Input button when it is finished. After that, you can select the back button, which will return to the home page.

Figure 4. Income Form Automatic Financial Report Application

Figure 5 shows a purchase form. We should fill the form when we pay for necessities such as shopping for raw materials, paying employees, or other business needs. We can choose the Expense menu to record the costs incurred. Some data must be filled in the expense form, namely Date, Description, and Price. When we have filled in the data, then the user can select the input button. After it is finished, we can select the back button, which will return to the home page.

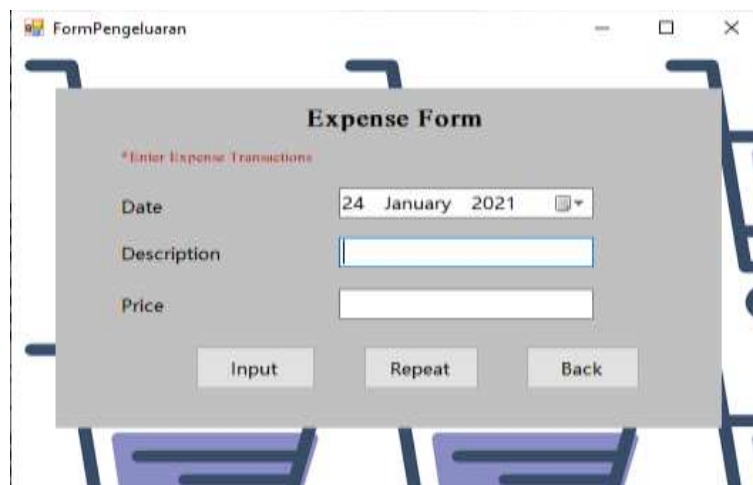


Figure 5. Expanse Automatic Financial Report Application

Figure 6 shows the form that we should fill when the user has finished the transaction. By selecting the back button where the income and expense form is. If we want to see the Balance sheet and Profit and Loss, the user can select the Report menu on the home page then select the Balance sheet or Profit and Loss sub-menu.

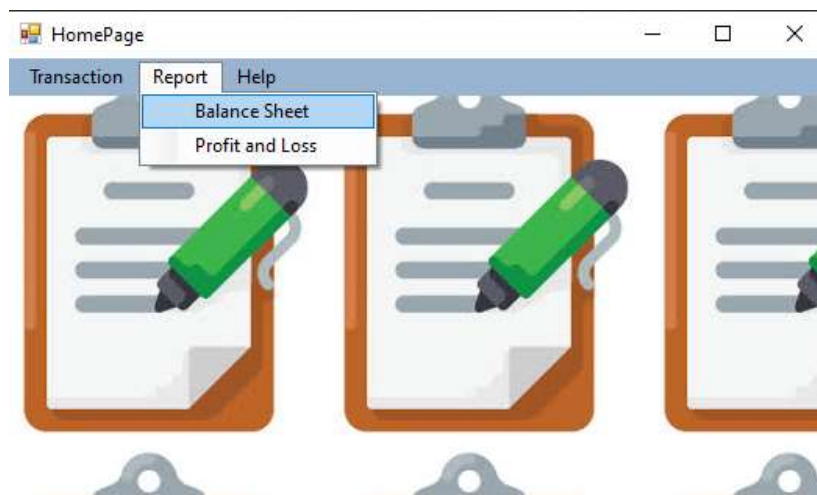


Figure 6. Report Menu home page Automatic Financial Report Application

Figure 7 shows an example where the user selects the Balance sheet sub-menu on the Report menu. In the balance sheet, users can find out information about their finances.

Akun	Saldo	
	Debit	Kredit
Kas	Rp. 53.000.000	
Peralatan	Rp. 10.000.000	
Modal disetor		Rp. 50.000.000
Utang Usaha		Rp. 5.000.000
Beban gaji	Rp. 2.000.000	
Pendapatan		Rp. 10.000.000
	Rp. 65.000.000	Rp. 65.000.000

Figure 7. example of a balance sheet

Figure 8 also shows an example where the user selects the Loss and Profit sub-menu on the Report menu. In the profit and loss report, users can determine how much profit or loss they will get in the current month.

Businnes name (Nama Usaha)					
Income Statement (Laporan Laba - Rugi)					
Month (Bulan)					
Sales (Penjualan)					xxx.xxx
Expenses :					
Salary Expenses (Beban Gaji)				xxx.xxx	
Tel, Water & Elect Expenses(Beban Air, Listrik dan Telfon)				xxx.xxx	
Bank Interest Expenses (Beban Bunga Bank				xxx.xxx	
Store Supplies Expenses (Beban Perlengkapan toko)				xxx.xxx	
Office Supplies Expenses (Beban Perlengkapan Kantor)				xxx.xxx	
Cost Of Goods Sold (Harga Pokok Penjualan)				xxx.xxx	
Miscellaneous Expenses (Beban Lain -lain)				xxx.xxx	
					+
Total Expenses					xxx.xxx
					-
Income for the Current Month (Laba Rugi Bulan Berjalan)					xxx.xxx

Figure 8. example of a Profit and Loss Report

CONCLUSION

In conclusion, it is hoped that with this design, the entrepreneurs of Micro and Small, and Medium Enterprises (MSMEs) in Dipatiukur can make financial reports by the standards. We hope that MSMEs, regardless of place, can use this application to make correct financial reports.

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