

Analysis of The Implementation of Manager Application Financial to Shipping Companies

(Case Study in PT. Nusantara Ika Nararya Semarang)

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Abstract- This study aims to analyze the work process of the Manager application which is applied to PT. Nusantara Ika Nararya. Analyzing the Manager application can present financial information quickly, precisely, and accurately. Analyze whether the implementation of the Manager application is appropriate to optimize financial management at PT. Nusantara Ika Nararya. This type of research is qualitative research with a case study approach and literature review using the descriptive analysis method. This study uses data collection through interviews, observation, and documentation. The results of this study indicate that the implementation of the Manager application can meet the financial needs of PT. Nusantara Ika Nararya. The implementation of the Manager application is also able to present financial information data quickly, precisely, and accurately. The implementation of Manager financial application is the right step to optimize financial management at PT. Nusantara Ika Nararya. Based on the research conducted, the researcher advises PT. Nusantara Ika Nararya to upgrade services on the cloud edition that provides more complete features that can be used to achieve the best effectiveness and efficiency. Providing more intensive direction training, and learning to users, finance staff to improve the quality of human resources.

Keywords: Financial Management, Financial Reporting, Information Quality, Manager

I. INTRODUCTION

The main purpose of establishing a business is to make a profit. To be able to achieve company goals and generate optimal profits, a good financial management or commonly called financial management is needed. Financial management is any company activity related to how to obtain funds, use funds, and manage assets according to the overall company's goals.[1] Financial management is carried out neatly with the aim of optimal and balanced profits in the company. One way to be able to optimize financial management is to utilize digital

technology which is very helpful for human resources in carrying out their roles in the field of finance. The development of digital technology that has occurred in recent decades is referred to as the Industrial Revolution 4.0.

Starting with information technology that makes the flow of information so fast and access to information becomes very easy to obtain around the world. Likewise, in Indonesia, which is shown by Indonesia's 2020 ICT Development Index (IP-ICT), each other 5.59, an increase compared to IP-ICT 2019 was 5.32.[2] The Information and Communication Technology Development Index is a standard measure that can describe the level of development of information and communication technology in a region, the digital divide, and the potential for ICT development. This shows that people are aware that the use of technology can facilitate all interests according to their respective roles. From an economic perspective, the development of the digital world emerged the term digital economy (digital economy) as a concept of economic activity based on digital technology. The digital economy was first initiated which is about how technology and business strategies transform not only in business processes, but also the transformation of the way products and services are produced and marketed, the structure and goals of companies, and the dynamics of business competition. Manager is a product of the digital economy that has been widely used by various business lines in the world to optimize company financial management.

Manager is a free accounting software with complete features to facilitate every transaction and accounting needs in the business. This application can be used freely and for a period of time forever in the sense that we can use this program for as long as we like, can use all the features and enter as much data as necessary as well as there are no restrictions on use and no

ads. This application can be run offline so that it greatly facilitates all work on the desktop or laptop without having to connect to an internet connection. The company will create a new financial master data when necessary then arrange in such a way that the presentation of the data in the application can be used by all interested parties in the company to be used according to their respective needs accurately and precisely. Application Finance Manager is a flexible and compatible application to use by all types of companies.

In optimizing the financial management of its business, PT Nusantara Ika Nararya, which is engaged in shipping, utilizes the Manager application. Apart from the advantages mentioned above, companies can set up the Manager application according to their business needs. In the financial management of PT Nusantara Ika Nararya, an integrated relationship is needed in terms of finance, marketing, operations to human resources. Where these needs can be solved by utilizing the Manager application.

II. THE ORETICAL STUDIES

a. Financial Management

According to Sartono, the term Financial management can be interpreted as fund management both related to the allocation of funds in various forms of investment effectively and efforts to collect funds for investment financing or spending efficiently.[3] The main task of financial management is to take decisions that include the company in obtaining funds and also how to allocate such funds.

The objectives of financial management concern planning, analysis and control activities which is done by the financial manager. To maintain the sustainability of the company's operations, many financial decisions need to be taken by financial managers.

b. Financial Performance

The financial performance of the company is an element that is directly related to the measurement of the company's performance presented on the income statement, net income is often used as a measure of performance or part of the basis for other measures. According to Fidayatin "a healthy company will later be able to provide profits for the owners of company a healthy company can also pay debts on time".[4]

c. Effectiveness and Efficiency

The word effective comes from the English word effective which means to succeed or something that is done well. Hidayat explains that "Effectiveness is a measure that states how far the target (quantity, quality and time) has been achieved. Where the greater the percentage of targets achieved, the higher the effectiveness".[5]

Efficiency is a process carried out to measure and compare outputs and inputs. Or measure the ratio between the resulting output to the input used.[6] The definition of optimization is the results achieved according to the wishes, so optimization is the achievement of results as expected effectively and efficiently.

d. Information System

Information systems are a regulated way to collect, enter and process and store data, and a regulated way to report, control, manage and even store information so that the organization can achieve its goals.[7] According to Tata Sutabri the level of information quality depends on three things, namely: accurate, timely and relevant.[8]

According to Romney and Steinbart, accounting information system activities consist of: users, procedures, data, software,

technology infrastructure information (technology), internal control.[9]

e. Application Manager

Application Manager is an application used to record and report finances effectively, efficiently and on time. Manager is the name of an accounting software created by NGSoftware Pty Ltd originating from Sydney, Australia. In contrast to Accounting software that was first known, Manager can be used for free. In addition, The Manager can also be easily downloaded on all platforms located such as Windows, Mac OS and Linux.

f. Shipping Company

Shipping companies are state-owned or private enterprises, in the form of state-owned enterprises, Limited Liability Companies (PT), Comanditer Companies (CV), and others that carry out service business in the field of providing ship space for the purpose of transporting cargo of passengers and goods from a port of origin to the destination port, both domestically and abroad [10]

III. RESEARCH METHODS

a. Object of Study

The object of this study is the Financial Manager application used by PT. Nusantara Ika Nararya which is located at Jl. Letkol Soepono Kav A. No 10 Taman Beringin 3 Ngaliyan Semarang.

b. Types of Research

This type of research is qualitative through a case study approach and literature review using descriptive analysis methods. This research uses data collection techniques by means of field studies, interviews, observations, and documentation. In this study, researchers became the main researcher's tool in observation activities, interviews, collecting data, analyzing data, compiling reports, and drawing conclusions from the research.

c. Data Types and Sources

The type of data used in this study is: subject data, is a type of research data in the form of opinions, attitudes, experiences or characteristics of a person or group of people who are the subject of the study (respondents). Documentary data, is a type of research data which includes: books, journals, financial statements, receipts, notes etc.).

The data sources used in this study are: primary data, are data obtained by the researcher directly. The primary data in this study are data from the results of interviews with informants. Secondary data, is a source of research data obtained by researchers indirectly or published. Secondary data in this study is data obtained from references, for example from books, journals, websites, and other sources that can support this research.

d. Informant

The informant used in the research was the Commissioner of PT. Nusantara Ika Nararya are Mr. Budi Purwanto, Operations Manager Mr. Moch Maulana Patih, Finance Manager Mrs. Inka Tiara, Finance Mrs. Saidah Bailal and internship student Dina Nur Madania. The determination of the informant is because it meets the criteria, namely knowing and understanding financial management with the Manager application in the company and to support research so that the results are not subjective.

e. Data Collection Techniques

In this study, several appropriate methods were used to collect data, namely:

- Observation, aims to obtain data on the description of the mechanism for using the Manager application in financial management in the company, the mechanism for presenting financial information quickly, precisely and accurately and analyzing the use of the application Managers in optimizing the company's financial management are observed and practiced directly by researchers.
- Interview, the interview aims to obtain data regarding certain forms of information from all respondents. The interviews in this study are semi-structured interviews. Researchers use this method to be able to dig deeper into questions to informants and answers from informants.
- Documentation, this technique is used to collect data relating to financial transactions and other written evidence that can be used as documentation to support research data. Looking for data on things or variables in the form of records, transactions, books, notes, receipts, current accounts, proof of transactions, employment contracts, etc.

f. Data Analysis Techniques

The data analysis technique in this study was carried out interactively and took place completely, namely:

- Data Reduction, that is to summarize, choose the main things, focus on the important things, look for themes and patterns. After all the data that has been collected through interviews, observations, and documentation, it needs to be focused in accordance with the formulation of the problem in this study, namely financial management with the Manager application at PT. Nusantara Ika Nararya.
- Analysis, conducting TELOS feasibility analysis and quality factor analysis using the Mc. Call model to obtain data on the feasibility and quality of the Manager application applied to PT. Nusantara Ika Nararya.
- Data Presentation, in qualitative research, the presentation of data can be done in the form of short, chart, and with narrative text. Make a narrative description, so that the next work plan can be known based on what has been understood from the data.
- Conclusion, is an activity of drawing conclusions from the research process carried out starting from collecting data, to processing data which is then carried out conclusion making

g. Data Validity Test

The quality of research data is determined by the quality of the instruments used to collect the data. There are two concepts to measure data quality, namely reliability and validity as follows:

- Validity, valid research data however must be reliable, because accuracy requires consistency. This study used three validities, namely:
 - Construct Validity, is the concept of measuring validity by testing whether an instrument measures the construct as expected. [11] Increasing the validity of the construct is carried out by triangulation of data sources, namely: the results of interviews with informants in the form of written records, observations recorded in written documents and financial statements of PT. Nusantara Ika Nararya

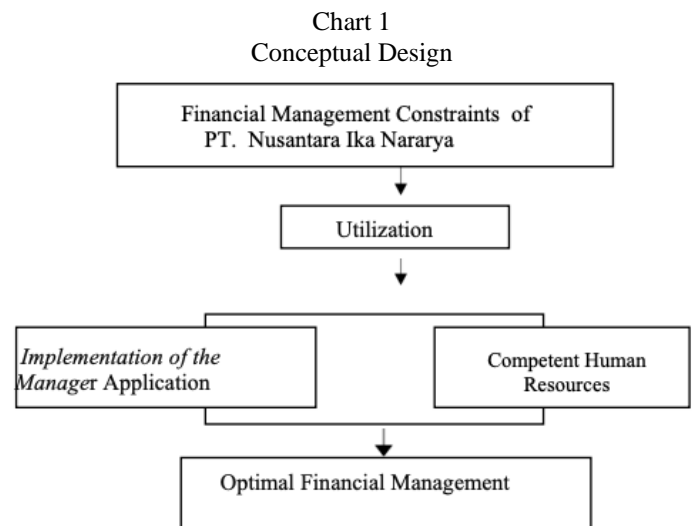
- Internal Validity, related to aspects of the value of truth. [12] This means that internal validity tests the internal state of the research subject, whether it can answer all questions on the research instrument correctly and accurately.

- External Validity, with regard to the degree of accuracy of whether the research results can be applied.

- Reliability, the concept of reliability can be understood through the basic idea of the concept, namely consistency (Indriantoro and Supomo, 2014: 180).
- The way to do reliability testing is to make a repetition of the questions on the interview list that are research instruments, to prove the consistency of the informant's answers. Draft interviews that have been tested for validity and reliability can already be used to collect data.

h. Design Fill

Financial management is carried out neatly with the aim of profit optimal and balanced in the company. One way to get optimizing the management of financial management is to utilize digital technology that really helps human resources in running role in finance. Below is an overview for facilitate researchers in determining the direction of the purpose of this research.



Source: developed by researchers (2021)

IV. RESULTS

A. Overview of PT. Nusantara Ika Nararya

- Form : Perseroan Terbatas
- Business Field : Sea Freight
- Address : Jl Letkol Soeparno Kav A. No 10, Kel. Tambakaji, Kec. Ngaliyan, Semarang City, Prov. Central Java
- NIB : 1226000302066
- NPWP : 41.930.071.0503.000
- Phone Number : 0247619547
- Email : nusinar2021@gmail.com
- Website : www.nusinar.com
- Motto : Moving Made Simple

Naming PT. Nusantara Ika Nararya has a deep meaning namely a unit that has honor and is respected. The hope is that PT. Nusantara Ika Nararya can be a company consisting of one-

unit that can work together by upholding honor and can be respected by competitors and customers. With the motto "Moving Made Simple", PT. Nusantara Ika Nararya, is committed to providing sea transportation services that make the transfer process easy. (www.nusinar.com.) So that it can become a corporate identity and distinguish it from competitors in the field of sea transportation.

So that PT. Nusantara Ika Nararya seeks to provide the best quality service to its customers and ensure that customers are satisfied with the service given. Besides that, PT. Nusantara Ika Nararya continues to build good relationship with customers to create trust and loyalty both in the minds of the principal and the customer.

PT. Nusantara Ika Nararya has a vision of "Providing the best service for all principals and customers to ensure their interests are properly considered". Mission of PT. Nusantara Ika Nararya are:

- Assist our principals and customers for business strategy and overall business development and offer a complete service package with special emphasis on operating and marketing aspects.
- We achieve our mission and vision by carrying out the company's values and following a series of behaviors and principles set out in the code of ethics.

B. Informant List

Table 1
 Informant List

Name	Position
Budi Purwanto	Commissioner
Inka Tiara	Finance Manager
Moch Maulana Patih.H	Operations Manager
Dina Nur Madania	Internships Student
Saidah Bailal	Finance

C. Mechanism of Use of Application Manager

1) Ongoing Financial Constraints

Based on the results of interviews that have been conducted with the Finance Manager of PT. Nusantara Ika Nararya Mrs. Inka Tiara. The obstacles that are being faced by companies in financial management are adjustments to the company's invoice procedures with tax procedures. As mentioned by Mrs. Inka Tiara: "Our obstacle is to adjust the invoice procedure to the tax procedure and the implementation of the application The second obstacle is that the assembled use of a new financial application that has not been mastered by the financial department can be overcome by doing internal training to the employee."

As stated by the Finance Manager of PT. Nusantara Ika Nararya Mrs. Inka Tiara when answering the question of what the company is doing to deal with financial constraints, namely: "We have conducted training internally specifically for finance employees who provide lessons on the work process of using the application in accordance with existing guidelines."

Another obstacle is financial reporting that should be up to date, real time and fast. As stated by Budi Purwanto in an interview stating: "The name is that financial statements should be up to date, real time, continue to submit reports quickly. The problem is that without using the application, you cannot submit a quick report. Sometimes financial reporting is not quickly presented. So the most important thing is that the

financial statements are seen as requested today and can be given immediately, the term is like that."

2) Implementation of Application Manager

The implementation of the Manager financial application should be done by knowing in advance the procedures and steps for its use. Financial constraints can be resolved by the use of the Manager application, as conveyed by the Commissioner Mr. Budi Purwanto in an interview on how to overcome these obstacles, namely: "Yes, using financial applications, if we use Manager now"

The second obstacle is that the use of new financial applications that have not been mastered by the finance department can be overcome by conducting internal training for these employees. As stated by the Financial Manager, Mrs. Inka Tiara when answering the question of what the company is doing to face financial constraints, namely: "We have conducted training internally specifically for finance employees who provide lessons on the work process of using the application in accordance with existing guidelines."

In addition, the target of using the Manager application is an easy and fast financial management process. As well as the presentation of financial information that is up to date. According to Edward [13] "an implementation will be effective if the measures and objectives of the policy are understood by the individuals responsible for the achievement of policy objectives, the consistency or uniformity of measures and objectives needs to be communicated so that the implementor know the exact size and purpose of the policy".

D. Presentation of Financial Information Quickly, Precisely and Accurately

1) Advantages of The Finance Manager Application

Based on the results of an interview that has been conducted with the Finance Manager, Mrs. Inka Tiara, it can be concluded that the reason for choosing the Manager application is practical, because after installing on a desktop basis, the application can be opened and accessed anytime anywhere without an internet network. The next reason is that it is easy, this application can be easily learned by anyone who has the sincerity to learn to understand accounting and its application. The next reason is applicative, where financial management with the Manager application can be adjusted to the needs of the company. As stated by the Finance Manager of PT. Nusantara Ika Nararya Mrs. Inka Tiara when answering the question why choose to use the Manager application, namely: "The problem is that the first Manager is free, then the second is easy to learn and can present accurate information".

In addition, the use of the Manager application by PT. Nusantara Ika Nararya because the application is the most flexible and compatible, as stated by the Commissioner Mr. Budi Purwanto in an interview about the reasons why choosing to use the application are: "Yes, it just so happens that I am the one who diligently searches for financial applications from Myob, Accurate, Zahir, Jurnal.id I have ever wanted to subscribe. And the most compatible and most flexible is that the Manager is the best"

This application can be run by anyone, this was stated by the Commissioner Mr. Budi Purwanto in an interview answering the question of whether it is necessary to have special skills to use the Manager application, namely: "No, so this application can be learned by anyone, it will indeed be better if you use people

who have basic accounting because the language used still uses the basics of accounting"

2) *Process of Presenting Financial Statements*

The implementation of the Manager application is the right action to be able to answer these challenges. This is evidenced by the statement of the Finance Manager of PT. Nusantara Ika Nararya Mrs. Inka Tiara when answering the question of whether the Manager application can present financial information quickly, precisely and accurately "Yes, it can be because so far there has also never been a delay or a fatal error in the presentation of the company's financial information. And the Manager application has complete features but is easy to operate so that the process that is run can take place quickly and accurately"

This is also evidenced by the statement of the Commissioner, Budi Purwanto, in an interview when answering the question whether the Manager's application can present financial information data quickly, precisely and accurately, namely: "Yes, yes because the Manager application is in my opinion, yes, the easiest as long as every transaction is directly inputted, the report is immediately presented because the application has been integrated so for example you receive your money input receipt there will immediately make receipts while reducing invoices as well as later be able to make reports per last transaction"

3) From the statement above, it can be justified that the Manager application is able to present financial information data quickly, precisely and accurately. This is also supported by the statement of the Commissioner, Budi Purwanto in the interview whether the use of the Manager's financial application can produce an accurate, relevant and up-to-date report format, namely: "Enough, for the purposes of PT Nusantara Ika Nararya it is enough once and the feature can even be changed according to what we want"

In line with the opinion of Silvia emphasized that one of the supporting factors in producing quality financial statements is the accounting information system, where financial statements are generated from a process that is based on good input, good process, and good output.[14]

In addition, this Manager application is able to present a complete report output and is easy to understand by the public. This is supported by the complete service features provided by the application and the process of creating reports is easy and does not take a long time. This is evidenced by the statement of the Commissioner Budi Purwanto in the interview whether the use of the Manager's financial application is able to produce a complete report output and is easy to understand by the public, namely: "I think yes, because I'm not an accounting person but it's easy to learn"

The financial statements published by this application for general purposes or for external purposes of the company are also in accordance with SAK ETAP (Standar Akuntansi Keuangan untuk Entitas Tanpa Akuntabilitas Publik), ranging from income statements, statements of changes in capital, balance sheet statements to reports cash flow. This is measured by the qualitative characteristics of the information in the financial statements [15] which as a whole the Manager application is able to meet it.

E. Optimization of Application Manager Deployment

1) *Purpose of Use of Application Manager*

The use of the Manager's financial application by PT. Nusantara Ika Nararya in its financial management is not just a coincidence or without a purpose. This is proven by the statement of the Finance Manager, Mrs. Inka Tiara, when answering the question of what goals or targets to be achieved in using the Manager application in an interview that said: "The target is yes so that financial management in the company is optimal and continue to reduce errors that occur, especially in recording and reporting such finances "

According to Mr. Moch Maulana Patih in an interview to answer what the objectives to be achieved in using this application are: "The goal is to make employees easy, the company easy in the process of financial management such as the process of recording, inputting transactions, financial reporting, storing to the presentation of financial information quickly and accurately"

In addition, the target of using the Manager application is an easy and fast financial management process. As well as the presentation of financial information that is up to date. As stated by the Commissioner Budi Purwanto in an interview when answering the question what are the goals or targets to be achieved in the use of the Manager application, namely: "Easy fast and up to date"

2) *System Analysis Application Manager*

a) TELOS (Technological, Economic, Legality, Organizational, and Scheduling) Feasibility Analysis

Table 2
TELOS Analysis

Types	Analysis of TELOS	Results
Technology	Technology in Application Manager providing convenience for its users in recording transactions and other data inputs that are able to generate financial reports automatically since recording transactions.	Proper
Economy	To get this app it does not require funds to buy because it can be used for free in the desktop version, it only requires an internet network to download it on a computer device.	Proper
Legality	Application Manager exercising rights licensed property and all rights reserved.	Proper
Operational	Operational feasibility analysis is assessed based on quality factors software.	Proper
Schedule	In the process of inputting transactions on The Manager application does not take a long time because it is easy to run the process.	Proper

Source: researcher analysis results (2021)

Based on the results of the TELOS analysis above, it can be stated that the Manager application system is suitable for use to meet the financial needs of PT. Nusantara Ika Nararya. The transaction recording process can be carried out easily and efficiently as well as financial statements that have been arranged automatically.

b) Software Quality Factor Analysis

In conducting an analysis to obtain software quality factor data on the Manager application, researchers used the MC. Call Model

Table 3
 MC. Call Model

Factors	Results	Description
Portability	Backup feature to back up and storing databases on internal and external memory to keep financial transactions from being deleted.	Adequate
Reusability	Can transfer data to applications another by producing a pdf format. As well as being able to print files directly with the available menus.	Adequate
Interoperability	The resulting output is financial statements in PDF form.	Adequate
Correctness	Can be proven to be true Mathematical.	Adequate
Reliability	Can be used without a network using the internet (offline) on the desktop edition.	Adequate
Efficiency	Using computer devices desktops and laptops o that easy to use and composed automatically. As well as only need an electrical power source to charge the computer device.	Adequate
Integrity	Not yet equipped the security system by using a password to access.	Not Yet Adequate
Usability	This application comes with subs section so it's easy to use.	Adequate
Maintainability	There are no weaknesses of the indicator yet identified.	Adequate
Flexibility	Data that has been stored in the database can be deleted , supplemented, corrected and updated.	Adequate

Source: results of analysis by researchers(2021)

The Manager application can also meet the needs of companies, namely the features provided in this application are

quite easy to allow for new users to use. The Manager application is also appropriately used by companies in optimizing their financial management. This is evidenced by a statement by the Finance Manager of PT. Nusantara Ika Nararya Mrs. Inka Tiara during an interview "It's very appropriate because yes, that was the Manager, it was easy to be accurate quickly and it was easy to change the transaction, the features are also a lot complete, it can be to meet the financial needs of the report company, there are also many supporting files that can also be a lot like that"

Then it was also supported by his statement Mr. Budi Purwanto, namely: "Yes, that's right because yes, that was once the input can be integrated with various kinds of reports, there is no need to input data anymore, just create a report"

The same thing was also stated by Mr. Patih as Operations Manager in the interview in answering the question of whether the application of the Manager's financial application is appropriate to be used to optimize financial management at PT Nusantara Ika Nararya, namely: "In my opinion, it is very appropriate to use the Manager application , the company's financial management process can run easily, quickly and accurately , if for the company PT Nusantara Ika Nararya is very appropriate."

This shows that the implementation of the Manager financial application is the right step to optimize financial management at PT. Nusantara Ika Nararya. Transaction input process that does not take a long time, accurate data transaction recording, automated financial reporting and various other advantages that make it easier for users to manage company finances.

V. CONCLUSIONS AND SUGGESTIONS

A. Conclusion

- 1) The mechanism for using the Manager's financial application in order to optimize financial management, can run as expected and is able to meet the needs of financial management at PT. Nusantara Ika Nararya.
- 2) The application of the Financial Manager application has proven to be able to present fast, precise and accurate financial information data at PT. Nusantara Ika Nararya. Financial statements can be processed automatically, and are able to produce complete report output, easy to understand by the public and in accordance with Financial Accounting Standards.
- 3) The use of the Finance Manager application is the right step to optimize financial management at PT. Nusantara Ika Nararya. With various advantages and service features available in the Manager application that can be tailored to the company's financial needs.

B. Suggestion

- 1) For PT. Nusantara Ika Nararya
 - a) The mechanism for using the Financial Manager application works as expected, but to be able to further maximize the use of the application, companies should upgrade / improve services to cloud editions or cloud editions that provide even more complete features that can be used to achieve the best effectiveness and efficiency.
 - b) The application of the Financial Manager application is able to present financial information data that is fast, precise

and accurate, it also depends on the application user or HR. Companies should provide training and even more intensive learning to application users in this case the finance staff to improve the quality of human resources.

c) The use of the Finance Manager application is the right step to optimize financial management at PT. Nusantara Ika Nararya. We recommend that companies continue to use the Manager application in order to maintain the optimization of company financial management.

2) For subsequent researchers

It is recommended that the next researcher be able to take more informants, this is to make the data obtained more accurate and valid. It is also expected to be able to develop research with other approaches that are more relevant and up-to-date. In terms of taking the object of research, it is also recommended to choose a different type of company from this research in order to obtain a more objective assessment.

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