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INNOVATION IN EDUCATION INVESTMENT COST MANAGEMENT

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Abstract

Innovation in education cost management is essential to improve the efficiency and effectiveness of the education system. This study aims to evaluate the impact of investments in education technology and administrative automation on reducing operational costs and increasing accessibility of education. The implementation of education technology, such as online learning platforms and mobile applications, can optimize the use of resources and extend the reach of education to more students. On the other hand, administrative automation, including enrollment, scheduling and assessment processes, reduces administrative workload and allows educators to focus more on teaching. The study found that through appropriate investments in technology and automation, educational institutions can achieve more effective and efficient cost management. The results show that innovations in cost management, supported by educational technology and administrative automation, not only improve operational efficiency but also expand the accessibility of education, especially for underserved groups. This study uses qualitative methods to analyze data from various educational institutions that have implemented technology and automation in their operations. The results show that with the right investment in technology and automation, educational institutions can manage costs more effectively and efficiently. This study uses qualitative methods to analyze the data of various educational institutions that have implemented technology and automation in their operations. The results show that with the right investment in technology and automation, educational institutions can manage costs more effectively and efficiently.

Keywords: Cost management innovation, education investment, education technology, administrative automation, and education accessibility

INTRODUCTION

Education is a means or place of learning prepared by the government and the community for students and students to increase knowledge and change behavior towards Spiritual Question (SQ), Intelligent Question (IQ), Emotional Question (EQ) intelligence so that they are able to understand, use and apply it in everyday life. In the education unit there are various problems it faces such as in curriculum management, management of facilities and infrastructure, financing management and student management. One of the problems that often arise and are substantial is in the financial management and financing of educational investment.

The cost of education is very important for school operational needs, teacher salaries and salaries of education personnel or employees. The collection of education costs is obtained through development money, tuition fees, BOS money and others. The

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obstacles faced by educational units in procuring finance and managing it intensively and efficiently.

Advanced education in the institution is how the role of a principal and school treasurer is able to cooperate or cooperate with each other to improve the quality and quality of education.

Quality education is related to the role of school principal management in the form of basic management principles conveyed by Ghazali Adillah in his citation conveying for a new breakthrough depending on the role of the principal linked to his policies and decisions such as planning, organizing, actuating, and controlling) (Adillah, 2017). With the four principles of management above, of course, good and quality education links are found in education management such as planning, organizing, actuating, and controlling so that it can be implemented as well as possible that is effective and efficient.

Education is a change in the way of thinking and behavior towards knowledge, attitudes and practice in doing quality and quality. Every education is established to have educational goals to achieve the direction of education that will be developed. From reflecting on educational goals, of course, education will be directed to improve student learning outcomes.

Teaching and learning is an activity developed by the teacher and followed by students in the process of teaching and learning activities in accordance with the instructions of the national education curriculum and extracurricular curriculum so that it becomes the color and style of learning according to the results of a student's learning achievement. Because learning is a change in the knowledge and behavior of students in accordance with the direction and guidance of a teacher so that the quality and quality of learning becomes good and correct in accordance with the demands of the curriculum approved by the government and society.

The purpose of education in the national education unit must be based on the National Education system in 2003 which reads the objectives of Indonesian national education in accordance with law No. 20 of 2003, namely, Education is pursued by starting from humans as they are (actualisation) by considering the various possibilities that exist (potentiality), and directed towards the realization of humans who should or aspired humans (ideality). The purpose of education is none other than a human being who believes and is devoted to God, has noble character, is healthy, intelligent, feeling, willing, and able to work; able to fulfill various needs reasonably, able to control his desires; personality, society and culture. The implication is that education must function to realize (develop) the various potentials that exist in humans in the context of the dimensions of diversity, morality, morality, individuality/personality, sociality and cultural diversity as a whole and integrated. In other words, education functions to humanize human beings.

According to the regulations outlined by SISDIKNAS in 2003, Indonesian national education aims to incline towards fostering the spiritual, social, and character development of the nation's children in accordance with the profile that strengthens the practice of Pancasila among students. Consequently, schools, as asserted by I Wayan

Cong Sujana, are integral parts of society that need to be developed as centers for the cultivation and empowerment of learners throughout their lives. They should exemplify moral leadership, foster willingness, and cultivate creativity among learners within the framework of democratic learning processes (Sujana, 2019).

In education has the scope of the scope of education as a form of mapping the realm of curriculum patterns that will be given to learners to improve education in educational units. As has been conveyed by Muhammad Yusuf et al convey the scope of education is everything related to Islamic education is the main elements that are very important so as to make the national education process run smoothly and effectively to achieve the educational goals themselves (Muhammad Yusuf, Muzdalifah, Mujadidah Alwi, 2022). The scope of education examines the basis of the objectives of national education, students, educators, the process of educating and learning, materials and curriculum, moral and character education, methods in education, evaluation in education. All the scope of education is discussed in the national education unit.

To obtain accurate information in research on innovation in the management of education investment costs through qualitative research theory towards improving quality education, the discussion in the research study discusses the principles of financial management, the theory of innovation in education, efficiency and productivity in school management through qualitative research implementation techniques.

The definition of qualitative research is descriptive and analytical research. Qualitative research provides research characteristics described as follows:

1. Natural Setting is research that is carried out using data collection carried out at the location where participants directly interact with participants to obtain data information from direct participants.
2. The researcher is the key-instrument. Research through observation, documentation, or direct interviews, does not use instruments.
3. Data collection techniques. Data collection is done through observation, interview, document analysis.
4. Inductive data analysis. Qualitative researchers build categories, patterns and themes from the bottom up (inductive) or from separate data into a complete conclusion.
5. The meaning of the participants (participant's meaning. Researchers must focus on studying the meaning obtained from participants about research issues or problems.
6. Design that develops (emergent design). Qualitative researchers are always developing and dynamic, the stages of research can change.
7. Theoretical perspective (theoretical lens). Researchers use certain perspectives in conducting research such as ethnography, cultural concepts, gender differences, race and others.
8. Interpretive. Researchers make interpretations of what they see, hear and understand. There are usually differences in interpretation between researchers and readers and participants.

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9. holistic account. Researchers try to create a complex picture of a problem, describing the perspectives and factors related to the problem as a whole.

With qualitative research theory, it can be continued to evaluate the improvement that will be made to the conclusion of research theory in innovation in the management of educational investment costs.

Education is very much a need that will be held for the learning needs of students. Procurement of educational advice with the funds obtained ranging from stationery to the maintenance of school buildings. To manage the finances of the principal and treasurer of education finance. The principal together with his staff and the teachers' assembly make a plan that includes:

a. Preparing the RKAS and RAB BOS
b. Implementation, which included: distribution of BOS funds, collection of BOS funds, use of BOS funds, expenditure with BOS funds, bookkeeping of BOS funds and taxation related to the management of BOS funds,
c. Supervision and evaluation which includes: the implementation of supervision by internal and external parties and evaluation by the school principal, school committee and foundation,
d. Reporting, which includes: reporting on the use of BOS funds and publication of the use of BOS funds.

For this reason, the principles of financial management as conveyed by Cipto Handoko are as follows: The education financial management system can be seen by the application of financial management functions in financial management in schools starting from planning, implementation, supervision and accountability of school finances that run well in accordance with the principles of education financial management (Handoko & Tukiran, 2022). By recognising the principles of financial management, prioritization will be prioritized for the benefit of school needs.

To create a better education, of course, every school community must make planning, implementation, supervision and accountability for each educational actor. The development of educational progress certainly begins at the beginning of the educational school year. Furthermore, every school year the principal, the assembly of teachers and education personnel and employees must have made educational innovations and developed the quality of education implemented.

Every desire directed at developing the quality of education, principals, teacher assemblies, education personnel and employees make:

1.Agenda or journal of daily activities
2.Determining the time and place schedule for all activities to be carried out.
3.Budgeting the needs of the school and its activities in the next year.
4.Determining the priority scale of the budget that will be prioritized in the future.
5.Organise activities according to a curriculum that is aligned with the 8 education standards
6.Reporting on the activities of each activity that has been carried out.

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With the planning that will be developed in the development of education in the education unit will be considered technological advances and educational to its update in accordance with the demands of the times. Educational development that will be developed in accordance with the times with learning and financial management that will be required to the curriculum and educational institutions must have computer-mediated teaching media and educational media tablets.

All educational media that will be used should be held to facilitate teaching and work effectively and efficiently.With computer programs and Artificial Intelligence or AI can facilitate the improvement of learning and financial management of education to be fast and easy as for students who excel can be awarded with certificates can be made through Canva.For online PPDB can be made through google formular or can also be with tally.so.For the management of SPP payment receipts by online and can be escorted remotely by using google drive and google document or by using google sheet.

With educational innovations that will be developed in education units, it can be started by schools with smooth coordination and communication between parents. For the receipt of BOS assistance provided by the government to schools, the government has provided it in an accurate BOS application.

A good and developing education must always follow the circulation and update educational innovations in achieving educational needs to a more advanced education. As stated by Senduk 2003 cited by Titi Kadi et al. said that the education innovation model has been widely released in various forms, the aim is to solve the problems faced, among others: efforts to equalize education, improve quality, increase the efficiency and effectiveness of education, and the relevance of education. It is intended that the innovations made can be adopted and utilized for the improvement and solution of educational problems in Indonesia (Senduk, 2013; Kadi & Awwaliyah, 2017).

By making educational innovations can solve the problems of educational problems in Indonesia. Educational innovation efforts are efforts in order to improve and improve the quality and quality of education and improve maximum service, easy, effective and efficient.

RESEARCH METHOD

In this study on innovation in the management of education investment costs using qualitative research. Qualitative research according to Prof. Dr. I Wayan Koyan is a qualitative methodology is a research procedure that produces descriptive data in the form of written / oral words from people or observable behavior (Koyan, 2022). As conveyed by Marinu Waruwu this research can be used as a research method.

obtained through data collection techniques in the form of; observation, interview, observation, interview, documentation. The population in qualitative research is not used while the sample in qualitative research is based on sources, participants and informants. In the data analysis technique, the implementation of data analysis in qualitative research is carried out by systematically searching and compiling what is obtained by organizing, describing, synthesizing, compiling patterns, selecting what is important, and drawing conclusions about field data (Saleh, 2017). The purpose

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of data analysis in qualitative research is to interpret the data and the resulting themes, facilitate understanding, identify and describe the results (Sargeant, 2012; Waruwu, 2023).

By using qualitative methods the results obtained are more complete and accurate in accordance with the phenomena and experiences felt by participants or informants. Qualitative methods also emphasize the researcher as an instrument, meaning and interpretation, in-depth data collection on social phenomena or events that occur (Waruwu, 2023).

RESULTS AND DISCUSSION

The results obtained in this study can be described from the testimony of participants and informants such as principals, treasurers, teacher assemblies, education personnel, and parents of students convey that education is developing and needs to be considered by all stakeholders in educational institutions.

Furthermore, in improving the quality of education, the principal and his teachers must develop innovations to improve education.

The school as an educational institution must work together and collaborate with parents to advance education. In addition to the cost of education from BOS, schools must collaborate with parents, DUDI and the community so that the education process moves quickly and develops.

To build the process of educational development by reviewing all shortcomings and improving educational evaluation. In education financial management must be developed using computerized technology innovation. The purpose of using computerized technology programs to facilitate access widely and quickly reached effectively and efficiently. Various internet network service programs to access educational development must always be used and used in achieving excellent public service processes and student learning process services. This shows that the technology and computer-based era must be made as soon as possible and updated every process of learning and teaching activities in the school.

CONCLUSIONS AND SUGGESTIONS

Based on the information that has been submitted, innovation in the management of education investment costs is an educational change that must be implemented in education. changes in administration and management of financing in education must be pursued in overcoming problems in education such as creating computer based programs and Artificial Intelligence (AI) to facilitate the management of education financing in educational units.

Educational innovations can also be made with learning media in the form of computerized programs and Artificial Intelligence (AI) so that the improvement of learning tools can be used in teaching and learning activities in the classroom.

To improve the quality and quality of education in education investment cost management innovation is pursued with various improvements as follows:

1. School principals together with teachers and education personnel create quality learning innovations.
2. Schools must always collaborate with parents, DUDI and the community to improve the quality of education.
3. The school should hold several meetings in order to study comparative study research with schools that have advanced.
4. Principals should programme training and workshops with expert presenters to increase the knowledge and experience of principals, teachers and education personnel to progress the achievement of quality education programmes.

With this conclusion we can conclude that advanced education needs innovation and management of educational investment costs that continue to be developed with educational evaluation actions every time and year. Thus the results of education become developed and advanced towards quality education.

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