



SWOT Analysis for SD Facilities and Infrastructure Policy

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Abstrak

Technology is a form that is always related to Education. The form of technology affects every step of education. Schools that have educational steps side by side with technology by completing facilities and infrastructure. So that the purpose of the study is to analyze the grain of facilities and infrastructure in elementary schools and through SWOT (strengths, weaknesses, threats, and opportunities) in the management of facilities and infrastructure. This type of research is Qualitative description. This research consists of a SWOT analysis that examines the importance of facilities and infrastructure, and the management of facilities and infrastructure. Infrastructure facilities are always associated with supporting the educational success of a student. therefore we must know the facilities and infrastructure that support the success of education. Through education, infrastructure can be formed and support the success of education. Good infrastructure also makes students enthusiastic in the learning process, as well as comfortable in demanding knowledge. The conclusion of this study is in the form of facilities and infrastructure policies, SWOT analysis in elementary school infrastructure, planning, management of facilities and infrastructure

Keywords: *Facilities, Infrastructure, Schools, Elementary Schools, SWOT*

Introduction

Education and technology always go hand in hand, so human resources are required to be able to follow the progress of education and technology. Improve human resources by participating in education and learning processes in schools. The learning process in schools is supported by facilities and infrastructure at school. Facilities and infrastructure also include eight national standards of education to support the smooth learning process. Facilities and infrastructure are design for academics that run smoothly with owned facilities (Firdausi, 2020). With the facilities and

infrastructure, the school can improve accreditation and school progress because the school is able to have a complete infrastructure. School progress is often seen school accreditation which is a benchmark for school education is very good. Then from the facilities and infrastructure is sufficient. Schools with A accreditation then the facilities are more advanced, more available, and become favorite schools. However, schools that have B, C Accreditation are also good and quality schools and are still in the stage of completing facilities and infrastructure.

Educational facilities are equipment that is directly used for the educational

process, such as tables, chairs, and teaching media, while educational infrastructure is facilities that indirectly support the course of the educational process such as yards, gardens, and parks (Fatmawati,2019). Infrastructure facilities become support for educational success so that students can feel the infrastructure in the learning process in elementary schools. Educational facilities are a supporting means for the learning process both moving and immobile so that the achievement of educational goals runs smoothly, regularly, effectively, and efficiently. Based on the above opinion, we can know all the facilities, and learning tools used or needed to be smoothness, orderly, and effective in the learning process. The cause of increased learning outcomes is due to complete infrastructure if learning equipment such as chairs, and damaged blackboards can interfere with the learning process and make the learning atmosphere unpleasant. All of that is seen in the facilities and infrastructure of the school.

Education will not be able to run well without adequate facilities and infrastructure (Nasrudin & Maryadi, 2019). Based on the above opinion, the importance of facilities and infrastructure in the world of education is so important. Infrastructure helps in the learning process. Making learning media requires supporting facilities such as computers, printers, in focus, and television. Supporting facilities over time can become mandatory facilities that every school must have. Education is also a conscious effort to develop it through school. These efforts should be supported by facilities and infrastructure that can encourage education in the future. The more complete the infrastructure in a school, the greater the school's efforts for the benefit of education. Nowadays schools try to be facilitators of education. It turns out that the provision of technological tools such as computers, in focus, and printers is also an important effort to improve education. Technology is an important effort in the development of school

education and is one of the facilities and infrastructure in schools.

According to (Puspaningtyas, 2018) Indicator XI is School Facilities, namely: utilization of quality tables and chairs, blackboards, availability of whiteboards, availability of library collections, provision of books supporting learning in the library, availability of materials and practical tools. Therefore, infrastructure facilities require SWOT analysis to determine the aspects that affect facilities and infrastructure in schools through availability, provision, utilization, and shortages. In addition, the means of infrastructure are not known to identify the type of means that are urgently needed. According to (Sairi & Safrizal, 2018) Educational facilities function directly (their presence is very decisive) to the teaching and learning process (PBM), so based on the statement above, infrastructure facilities become a supporting function of the learning process. The function and purpose of educational infrastructure facilities are to provide all the needs of teaching and learning facilities. Maintain the implementation and duties of students assigned by the teacher. Infrastructure also requires management in managing, organizing, directing, and supervising every educational activity in elementary schools.

Education Management is an integral component and cannot be separated from the overall educational process, without management it is impossible for educational goals to be realized optimally, effectively, and efficiently. The concept applies to all educational institutions or institutions that require effective and efficient management (Herawati, 2020). Management of facilities and infrastructure is very important to be done to manage existing resources. Through the management of this infrastructure, it can be seen the ability and success of the school in managing facilities and infrastructure. Management is a strategy of utilizing the energy and minds of others to carry out an activity directed at achieving predetermined goals (Sutisna &

Effane,2022). Management of infrastructure facilities requires the energy and thoughts of others and an activity. Schools need a handler in charge of inspecting and securing infrastructure facilities in schools. Inspection and security of infrastructure facilities are needed every day, so the school gives a workload to school guards in terms of facilities and infrastructure at school.

Based on this background, the facilities and infrastructure in elementary schools must be studied and analyzed. SWOT analysis includes efforts to recognize strengths, weaknesses, opportunities, and threats that determine company performance (Nisak,2013). Therefore, researchers try to apply Swot analysis in identifying suggestions and infrastructure. Analyze these four aspects. Facilities and infrastructure can be analyzed by sorting based on aspects that affect them. SWOT analysis is something that is identified through strategies to direct in solving problems.

Method

This research was applied using qualitative description research type. The object of this research is one of the elementary schools in Salo District with school B accreditation. The types of data needed are primary data and under. Primary data is data obtained by observation and direct observation by researchers. Skunder data is data obtained through existing sources such as interviews, documentation, and school profile data. Data is obtained through observation techniques and analyzing documents. The observation technique is to see directly the condition and availability of facilities and infrastructure in schools. Researchers directly collect data through observations made.

Data analysis through existing documents in the school such as land area, number of rumble, number of students and teachers. The data obtained by the

researcher was then compared with the minimum standards of facilities and infrastructure in Regulation number 24 of 2007 concerning standards of facilities and infrastructure to be tested for feasibility according to the observed conditions.

Results and Discussion

Facilities and infrastructure support the learning process activities in elementary schools. Through observation, the facilities and infrastructure at SDN Salo have completeness in the word perfect. Facilities that support learning process activities are provided by the government. Based on the available capacity at SDN Salo, good implementation is supported by adequate facilities, namely 6 classrooms, 3 student toilets, 3 teacher toilets, 1 school guard house, 1 warehouse, and 1 library. Then it has inadequate facilities such as the principal's room which is still combined with the teacher's room, administration room, BK room, science laboratory, language laboratory, computer laboratory, prayer room, official house, student council room , and UKS room still does not exist.

The equipment used in learning does not run and runto achieve good learning called facilities and equipment that support learning such as land, and school land (Firdausi,2020). We can know that land and roads are supporting facilities in easy access to schools and comfort around schools. Land and roads should still exist, whether learning or not involves the occurrence of the learning process. It turns out that at SDN Salo land and roads are available and have become their comfort for the students and the teachers' assembly. But it can be known that education is also equipped with technology such as computers, in focus, and printers which must also be facilities and infrastructure in schools. The need for in focus in a class can support learning using ppt media, and videos.

Based on the results of the data found, the achievement of facilities and infrastructure standards at SDN Salo still

has not reached sufficient standards. Through data and observations in the field, there are still many buildings that are not available based on the standards of facilities and infrastructure listed in Permendiknas No. 24 of 2007. The achievement of facilities and infrastructure at SDN Salo is also seen in the available classes to support the learning process. Such as the availability of whiteboards, chairs, tables, markers, and erasers are necessary in daily learning. Good learning is the process of conveying knowledge with the help of facilities and infrastructure in schools. SDN Salo has provided these facilities for the continuity of classroom learning so that the standard of facilities and infrastructure at SDN Salo is sufficient.

These management activities include planning, procurement, supervision, inventory storage, elimination, use/utilization, and responsibility activities (Nurfasha,2021). The procurement of facilities and infrastructure is important in analyzing schools. Developing an analysis of facilities and infrastructure includes several things, namely:

- a. Planning facilities and infrastructure in classroom learning: Planning has an important meaning in various activities carried out to achieve goals (Ananda & Banurea, 2017). Good planning will provide good results as well as efforts to plan and evaluate the facilities and infrastructure needed for the continuity of learning. This activity certainly involves many parties, namely class teachers, principals, and students in the class. At SDN Salo the planning of classroom infrastructure is carried out by the class teacher and the principal of SDN Salo.
- b. Procurement: Activities to provide facilities and infrastructure to support the implementation of tasks.

At SDN Salo, the procurement of facilities and infrastructure is not always the same as other school organizations. In the procurement of infrastructure shutters, prior planning is needed such as a list of shutter procurement and infrastructure in schools.

- c. Inventory of infrastructure: The first use of ventilation of facilities and infrastructure is to provide a code for infrastructure. Most schools have not paid attention to the coding of goods, the name of the goods, the source of the goods and the date of acquisition of goods, and the mutation or change of goods. Then the second checking of goods that are still there or less has not been carried out as such. At SDN Salo there are still not all items given coding, there are some such as chairs and tables coded with the form of the year of release of facilities and infrastructure. However, facilities and infrastructure such as books, learning media, and library cabinets have not made code names of goods or the release of goods.
- d. Distribution: Distribution is the movement of infrastructure facilities such as goods to the place of delivery of goods. Distribution activities consist of the following parts: 1). Preparation of allocations, 2). Delivery of goods and 3). delivery of goods.
- e. Maintenance of infrastructure: Existing facilities and infrastructure must have maintenance and inspection of examples of facilities and infrastructure that require maintenance, namely: maintenance

of classes, toilets, buildings, land, and supporting tools for the learning process. Maintenance is carried out by all school residents ranging from the principal, teacher assembly, and students to parents can participate in the maintenance of school infrastructure. Most facilities and infrastructure are damaged due to a lack of checking and maintenance of facilities and infrastructure and the presence of ignorant hands from students. From the maintenance of facilities and infrastructure, SDN Salo is good, namely hiring school guards to maintain of infrastructure facilities in schools so that facilities and infrastructure can be secured and maintained because of the person in charge.

- f. Abolition of infrastructure: According to Nasrudin, the abolition of educational facilities and infrastructure is to ease the workload and prevent waste, so that we can know that the elimination of infrastructure facilities can ease the workload in maintaining infrastructure facilities and places for storage of infrastructure facilities. The elimination of infrastructure facilities at SDN Salo has been carried out such as chairs that are severely damaged and cannot be repaired anymore. So that school guards are not overwhelmed in maintaining damaged facilities and infrastructure. So it becomes an unexpected workload.
- g. and infrastructure, there are many schools that do not attach importance to aspects of school facilities and infrastructure such as

supervision. It is inattention and inability to equip education Supervision: A flexible rule that can be conditioned by place or school. Although there are many regulations in supervising facilities anal facilities.

A residential environment must be provided with infrastructure to provide easy access for each occupant. The infrastructure is roads, garbage disposal, and cleaning equipment. Based on the results of the study, community participation in the village is lacking in infrastructure facilities in their children's schools. While in urban areas, buildings and roads are paid more attention to by the community around the school. At Salo Elementary School, the school building is good. Like, the arrangement, decoration, between grades 1-6 has been done well. However, facilities such as the principal's office and the teacher's office are still incorporated, the principal's and teachers' rooms should be separated.

The cause of facilities and infrastructure in rural elementary schools is experiencing gaps due to the economic condition of parents or guardians of students is not good, and less attention to facilities for their children. Unlike in the city, the parents' economy is better and fulfilled, and they contribute more in terms of costs and improving school facilities. So, efforts in improving infrastructure in elementary schools through the community or parents are very beneficial to the school. Because without the cooperation of the community, parents, schools, and committees, efforts to improve infrastructure facilities are hampered.

School activities such as learning at school, and extracurricular activities are activities that parents have the right to know. So with communication from the school and school parents, it will appear harmonious and harmonious. Good communication from the school also

provides good benefits for both parties. The school can guide each school activity both in terms of budget and other needs that the school may feel are not adequate. Then for master can find out the education of his child at school. While at school, it turned out that a student deliberately damaged the chair but the parents could not come to attend the call from school. So communication between the school and parents is needed when the infrastructure is damaged intentionally by students. Unlike the case, if the infrastructure is damaged due to use, it has become the responsibility of the school in managing infrastructure facilities at school.

The supporting factors for the management of educational facilities and infrastructure at SDN Salo, namely this school has classrooms and yards that are neatly arranged and there is support by parents. The state of facilities and infrastructure has a good management process such as storage of goods carried out by school staff, maintenance, cleaning, and checking of goods carried out periodically to prevent damage to facilities and infrastructure owned by the school. So that facilities and infrastructure can be used in a ready-to-use state or can be reported to the principal. The school becomes the first agent in the responsibility of facilities and infrastructure.

Often obstacles are found in the management of facilities and infrastructure based on observations and interviews found obstacles in the management of facilities and infrastructure at SDN Salo do not have a field that is not large and divided by other complex schools. These obstacles become an inhibiting factor in the management of facilities and infrastructure. Supporting facilities and infrastructure such as in the health sector and for extracurricular activities are still not found at SDN Salo. Extracurricular activities are mandatory things carried out by school students. So, there is a need for facilities and infrastructure in scouting organization activities in elementary schools. the

management of scout facilities and infrastructure is complete from stocks, pegs, tents, flags, and camp tools that can be assessed as complete. Based on data analysis and research results, it can be known that the factors in the management of facilities and infrastructure at SDN Salo are good, but have not been optimized. In addition, planning and maintenance of facilities and infrastructure is very important because it supports learning activities in schools and student achievement results. Interest is a sense of preference and a sense of interest in something or activity, without anyone telling (Kartika,2019). Student interest in learning is increasing because it is supported by adequate infrastructure. The influence of the facilities and infrastructure at SDN Salo has a good effect on all school residents. students feel comfortable while at school and enjoy being at school. Learning activities make students more enthusiastic with adequate facilities and infrastructure such as theme books, story books, and sports equipment.

Conclusion

The conclusion of this study is the policy of facilities and infrastructure through swot analysis. Planning, and management of facilities and infrastructure implemented by each school to meet existing policies and see the success of supporting education in the school. Infrastructure is a policy that must exist and have management by the school.

Based on the results and discussions that use Swot analysis as a tool for problem formulation in analyzing facilities and infrastructure in elementary schools, namely One of SDN Salo shows an analysis that is supported by the completeness, planning, role of parents and the community, and supporting factors of infrastructure facilities at SDN Salo. Completeness of infrastructure facilities in elementary schools has become a must for every school. the school's obligation in

completing school facilities SDN Salo has been implemented well. The planning of facilities and infrastructure shows more carefully planned. The participation of teacher assemblies in planning.

Suggestions for this study can be further developed based on the level of secondary schooling. The development of this research can be developed in junior high school, and high school in order to form advances based on this analysis and research. Through planning and managing infrastructure facilities in schools they can find out the new policies that are born.

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