

## TECHNOLOGY TO IMPROVE THE QUALITY OF LIFE FOR STUDENTS AT THE DOMYADHU PEJATEN

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### **Abstract**

The use of technology in education has become an important topic in improving the quality of life of students in various educational institutions, including orphanages. This research aims to explore how the application of technology can improve the quality of life of students at the Domyadhu Pejaten Jakarta. The method used in this research is a qualitative approach, through direct observation, in-depth interviews with orphanage administrators, teachers and students, as well as documents for analysis to collect data about existing conditions and the application of technology that has been carried out. The research results show that the use of technology, such as computers and internet access, online learning platforms, and educational applications, has a positive impact on the student learning process. Students' ability to access information and learning materials becomes wider, interaction between students and teachers through increased use of communication technology, and students' learning motivation appears to have increased. Apart from that, technology also helps in managing orphanage administration more efficiently. In conclusion, the application of technology at the Domyadhu Pejaten has good and significant potential to improve the quality of life of students.

**Keywords:** educational technology, online learning, access to information.

### **Introduction**

In this era of globalization and industrial revolution 4.0, technology has become an integral part of almost all aspects of life, including the education sector. Technological advances provide great opportunities to improve the quality of education and, more broadly, the quality of life of students. Orphanages as institutions that provide protection, education and care to children who have lost their parents or been separated from their families, have unique challenges in providing access to quality education. Given the importance of education in providing the foundation for a better future for these children, it is important to explore how technology can be integrated into the learning process.

Researchers obtained several comparative literature such as: [1] This activity was carried out so that children in orphanages were technologically literate and ready to face increasingly sophisticated technological developments. [2] Learning skills by utilizing this technology are expected to provide new forms of insight. [3] This activity will certainly help the orphanage to be able to carry out creative teaching for the

orphanage children so that they are enthusiastic about deepening the knowledge they already have. [4] This activity was carried out well and smoothly, thus providing enlightenment, information and additional knowledge for the orphanage children. [5] provides encouragement and motivation for participants to become more familiar with technology and its application in everyday life.

This research aims to identify the application of technology at the Domyadhu Pejaten and how this application can improve the quality of life of students. Through a qualitative approach, this research will explore various aspects of technology application, including access to online learning resources, use of educational applications, and integration of technology in daily learning activities. It is hoped that this research will provide useful insights and recommendations for orphanages in their efforts to improve the quality of education and quality of life of the children they care for. Furthermore, this research also aims to make a contribution regarding the use of technology in education in institutions

### **Research Methods**

This research uses a qualitative approach to understand the impact of the use of technology on improving the quality of life of students at the Domyadhu Pejaten. A qualitative approach was chosen because it allows researchers to dig deeper into the perceptions, experiences and social interactions of students and nursing home administrators in the context of technology use. The subjects of this research include students, orphanage administrators who are involved in the learning process at the Domyadhu Pejaten. Subject selection was carried out using a purposive sampling technique, namely selecting subjects based on certain criteria that were deemed capable of providing in-depth information related to the research. Data Collection is collected through several methods:

**Interviews:** Conducted individually with orphanage administrators and selected students. The in-depth interviews aim to gain a broader understanding of experiences, perceptions and the impact of technology use on teaching and learning activities and daily life in the orphanage.

**Observation:** Researchers made direct observations on learning activities and daily interactions involving the use of technology in the orphanage. This observation aims to obtain data about how technology is integrated in learning activities and its impact on social interactions.

**Documentation:** Includes collecting documents related to the use of technology in orphanages, such as lesson plans, activity reports, and records of technology use.

## Results and Discussion

From data collection through surveys, in-depth interviews and observations at the Domyadhu Pejaten, the research results show that the use of technology significantly improves the quality of life for students in the orphanage. Data from the survey shows that the majority of students feel more motivated and engaged in learning thanks to access to online learning resources and educational technology tools. In-depth interviews revealed that technology gives students access to a wide range of information and knowledge, which was previously limited or unavailable to them. From this activity the team also provided CCTV for monitoring there.

This research underlines the importance of integrating technology in education to improve the quality of life of students in orphanages. With technology, students have greater opportunities to learn independently, access a variety of learning resources, and develop relevant skills.



Figure 1 Creative teaching



Figure 2 Technology explanation

## Conclusion

This research explores the impact of technology use on the quality of life of students at Domyadhu Pejaten, with a focus on aspects of education, access to information and social interaction. The research results show that the integration of technology in the learning process and students' daily lives has a significant positive influence. Access to digital learning resources and online educational platforms has increased students' ability to learn independently and develop new skills. Furthermore, the use of digital communication tools strengthens students' social networks, allowing them to interact more widely and receive emotional support.

Activities can make changes to students at Domyadhu, including students knowing current technological developments, students knowing the picture of future technology. Students understand the literacy and use of technology properly to improve the quality of life of students at Domyadhu Pejaten.

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