

Empowerment of Young Children Coral Communities, in the Field of Information Technology

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Abstract

The research focus is useful for limiting the object of research raised. Another benefit is that researchers do not get trapped in the amount of data obtained in the field. argues that descriptive research emphasizes data in the form of words, pictures, and not numbers caused by the application of qualitative methods. This research is a descriptive study with a qualitative approach. The Information Technology field itself offers quite a large opportunity in terms of work considering that the use of IT-related products has become a fundamental need in today's society. Empowerment of Young Children Coral Communities, In the Field of Information Technology.

Keywords: Information Technology, Empowerment, Coral Communities

Introduction

Technology does have many benefits, with the very rapid development of this technology, both in the form of smartphones, computers, and other modern technologies. With the development of modern technology today, Indonesia is the right target to market this technology. Moreover, in this technology, there are very modern facilities as well. Small examples such as Gadgets or SmartPhone, almost all day long the Indonesian people cannot be separated from these objects because they help make work easier, find information, and so on.

Today's children are the technology generation. Generations born from birth can immediately become proficient at playing gadgets without the need to open manual books. The generation that is more curious and has the "rebellious spirit" to change things their way. So just trust this world to become better in their hands while we watch and guide of course.

The IT field itself offers quite a large opportunity in terms of work considering that the use of IT-related products has become a fundamental need in today's society. Empowerment Of Young Coral Communities, in Information Technolgy

Development of Information Technology in Indonesia

Nowadays the role of IT in human life has become increasingly important. Because along with the development of IT, humans do a lot of work at the computer or by using cell phones for communication. (Woreta, 2013) However, this must also be balanced with awareness to use IT for positive interests. Because there are not a few IT experts who use it for crimes.

So that the development of IT in Indonesia has developed enough, but not in various ways. And the need for supervision from the authorities so that the negative impact of IT can be reduced. It is hoped that the following examples of stories will open the eyes of all readers. "There will be quite rapid changes in trends and developments in information technology (information technology) in 2013, especially in the field of multimedia and games. For the

predictions of each field, it is described as in the list below. The positive and negative impacts of technological development are seen in various fields.

Information And Communication Sector

In this field, there has been very rapid progress. From progress, we can feel the positive impacts, including (a) quickly getting accurate and up-to-date information on any part of the earth via the internet, (b) being able to communicate with friends and family who are very far away only by using cellphones and (c) getting very easy bank services.

Besides the benefits we get, it turns out that these technological advances are also used for negative things, (a) Utilization of communication services by terrorist networks, (b) Use of certain information and certain sites on the internet that can be misused by certain parties For certain purposes, (c) Confidentiality of test kits is increasingly threatened via the internet, we can get information about psychological tests, and can even get psychological testing services directly from the internet, and (d) Technology anxiety, besides that there is small-scale anxiety due to computer technology. Computer damage due to viruses, loss of various important files on the computer, here are some examples of stress that occurs due to technology. The modem broke because of thunder (Kotrlik & Williams, 2003; Najjar, 1996; Bell, 2013).

Economy and Industry

Technological advances will increase the productivity capabilities of the industrialized world both in terms of industrial technology and aspects of types of production. Investments and reinvestments that are taking place on a large scale which will further increase the productivity of the world economy. In the future, the impact of technological developments in the industrial world will be increasingly important. Signs have shown that business technology will soon emerge that will allow individual consumers to make direct contact with factories so that services can be carried out in person and individual tastes can be met, and more importantly consumers do not have to go to the store (Mokyr, 2010).

Social and Cultural Affairs

as a result of technological advances, we can see (a) The differences in the personalities of men and women. Many experts argue that now there is an increasing proportion of women holding positions as leaders, both in the world of government and business. (B) The increased self-confidence of economic progress in Asian countries gives birth to an interesting phenomenon. Economic development and progress have increased self-confidence and self-defense as a nation will be stronger. Western nations can no longer harass Asian nations, and (c) Pressure, sharp competition in various aspects of life as a consequence of globalization will give birth to a generation that is disciplined, diligent, and hardworking, even though technological progress will negatively affect cultural aspects (Luborsky, 1993; Pearson & Somekh, 2006).

Moral deterioration among community members, especially among adolescents and students. The progress of economic life which places too much emphasis on the fulfillment of various material desires has caused some members of the community to become "rich in material but poor in spirit".

Field of Education

Technology has a very important role in the field of education, among others, (a) The emergence of mass media, especially electronic media as a source of knowledge and education center. The impact of this is that teachers are not the only source of knowledge, (b) The emergence of new learning methods, which facilitate students and teachers in the

learning process. With advances in technology, new methods have been created that enable students to understand abstract materials, because these materials with the help of technology can be abstracted. (McClea & Yen, 2005).

With advances in technology, the learning process does not have to bring students together with teachers, but can also use internet postal services and others. Besides that, there were also negative impacts in the educational process, (a) The confidentiality of the test kits was increasingly threatened by intelligence testing programs such as the Raven test, the Differential Aptitudes Test which could be accessed via a compact disk. This problem implies that existing psychological tests will easily leak and the development of psychological tests must keep pace with the speed of internet leaks and (b) the misuse of knowledge for certain people to commit criminal acts. We know that advances in education also produce a generation that is highly knowledgeable but has low morals. For example, with high computer science, people will try to break through banking systems and others.

Methods

This research is a descriptive study with a qualitative approach. Qualitative research as a research procedure that produces descriptive data in the form of written or spoken words from people and observed behavior from the phenomena that occur. Furthermore, descriptive research emphasizes data in the form of words, pictures, and not numbers caused by the application of qualitative methods. Moreover, everything that is gathered is likely to be the key to what has been researched. The results of this study describe more deeply about how to empower rural youth with the use of natural tourism by combining technology, namely photographers and blogs as a medium to introduce them to the outside world.

A research location is a place where researchers conduct research, especially in capturing phenomena or events that occur from the object under study to obtain accurate research data. In determining the research location, determining the best way to be pursued by considering substantive theories and exploring the field and looking for conformity with the existing realities in the field.

The research focus is useful for limiting the object of research raised. Another benefit is that researchers do not get trapped in the amount of data obtained in the field. Determining the focus of research is more directed at the level of the newness of information to be obtained from the economic and social situation, this is intended to limit qualitative studies as well as limit research to choose which data is relevant and which data is not relevant.

The limitation in qualitative research is based more on farmers teaching young village people how to use cameras with good results and teaching how to make blogs to be famous in the national and international world.

Data sources are the subjects from which data can be obtained and to make it easier for researchers to identify data sources, researchers have used the 3P formula, namely, (a) Person (person), which is a place where researchers ask about the variables being studied, (b) Paper (paper), is a place where researchers read and study everything related to research, such as archives, numbers, pictures, documents, symbols, etc. and (c) Place, which is a place where research-related activities take place.

Data collection techniques are the most important step in research because the main purpose of the research is to get data. When viewed in terms of data collection methods or techniques, data collection techniques can be done by observation, interviews, questionnaires, and documentation. However, in this study, the data collection technique carried out by researchers.

Research Process

The data collection process to be carried out in this research includes the following stages:

The process of entering the research location

Before entering the research location to obtain data, at this stage, the researcher first introduced himself and asked permission from the young people of the surrounding village and other informants involved in this research, namely the Village Head. After that, the researcher expressed the aims and objectives of the research to create trust in each party, then determined the time to conduct community empowerment research.

When at the research location (getting along)

In this case, the researcher tries to make a personal and intimate relationship with the research subject, looks for complete information and various data sources, and tries to capture the meaning of the various information received and the observed phenomena. Therefore, researchers try to be as discreet as possible so that they do not offend informants formally or informally.

Empowerment of Young Children in Village

The Village is very indulgent and suitable for holidays with family and friends. It is not surprising that the regional government has tried itself as a tourist destination and when it was recorded by the state as a national calendar event. This potential is also supported by several natural tourism potentials that are scattered in other highland areas. The existence of a waterfall with a spilling pool depth of up to 8 meters complements the existence of the Takapala 'waterfall, the Ketemu Jodoh waterfall, Tanralili Lake, and other tours in Tinggimoncong.

Our informant is Abdul Azis Daud, as the Village Head of Mavillage, said that according to history, the Bantimurungna Gallang waterfall area was a massacre during the Dutch colonial era. Bantimurungna Gallang waterfall is now starting to be visited by lovers of natural scenery because the waterfall has an exotic panorama, moreover, the access to the location is very easy and the road already exists even though it is only in the form of hardening. However, the management of the Gallang waterfall has not been carried out by the local government.

Village youth mostly work as farmers helping their parents, because they drop out of school with different factors, some quit school because of economic factors, because of juvenile delinquency factors, there are also factors in them that do not ever change. instil in them since childhood that it is important to go to school, and many other factors influence it.

Therefore, with the potential for nature tourism in Village, we empower village youth by teaching them good photo techniques and teaching them to create blogs to update information about the Bantimurungna Gallang waterfall so that it is famous in the national and international world.

Information Technology in Indonesian can be called IT (Information Technology) is a general term that describes or helps humans in creating, changing, storing, communicating, or disseminating information.

IT is bringing together high-speed computing and communication for data, voice, and video. Not only computers, you know friends, but also cameras, telephones, cell phones, TV, radio, household electronic equipment and recently the internet. That's why we also use the internet in this empowerment.

Conclusion

Malino with the natural beauty he has, we can empower the community, especially young people, by using technology so many benefits are obtained, besides adding to knowledge, it can also help the economy of rural communities. Village youth mostly work as farmers helping their parents, because they drop out of school with different factors, some quit school because of economic factors, because of juvenile delinquency factors, there are also factors in them that do not ever change. instil in them since childhood that it is important to go to school, and many other factors influence it. Therefore, with the potential for nature tourism in Village, we empower village youth by teaching them good photo techniques and teaching them to create blogs to update information about the Bantimurrunna Gallang waterfall so that it is famous in the national and international world.

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References

- Bell, S. (2013). *Learning with information systems: Learning cycles in information systems development*. Routledge.
- Kotrlik, J. W. K. J. W., & Williams, H. A. W. H. A. (2003). The incorporation of effect size in information technology, learning, information technology, learning, and performance research and performance research. *Information Technology, Learning, and Performance Journal*, 21(1), 1.
- Luborsky, M. R. (1993). Sociocultural factors shaping technology usage: Fulfilling the promise. *Technology and Disability*, 2(1), 71.
- McClea, M., & Yen, D. C. (2005). A framework for the utilization of information technology in higher education admission department. *International Journal of Educational Management*.
- Mokyr, J. (2010). Entrepreneurship and the industrial revolution in Britain. *The invention of enterprise: Entrepreneurship from ancient Mesopotamia to modern times*, 183-210.
- Najjar, L. J. (1996). Multimedia information and learning. In *Journal of educational multimedia and hypermedia*.
- Pearson, M., & Somekh, B. (2006). Learning transformation with technology: a question of sociocultural contexts?. *International Journal of Qualitative Studies in Education*, 19(4), 519-539.
- Woreta, S. A., Kebede, Y., & Zegeye, D. T. (2013). Knowledge and utilization of information communication technology (ICT) among health science students at the University of Gondar, North Western Ethiopia. *BMC medical informatics and decision making*, 13(1), 31.