Social Capital in Islamic Religious-Based Educational Institutions in the 4.0 Industrial Revolution Era

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Abstract. The era of the fourth industrial revolution marked by the increasing use of digital devices provides both advantages and challenges. The purpose of this paper is to see how social capital is practiced in the life of Islamic boarding schools as an effort to prevent the negative impacts of the industrial revolution 4.0 era. The writing of this article uses a library research approach, by seeking data from various sources such as journals, relevant research, and books. The result is that Islamic boarding schools become an alternative in dealing with and preventing the negative impacts of the current industrial revolution era, social capital is an important part of education in Islamic boarding schools in preparing students to face the negative impacts of the fourth industrial revolution. Social capital is very appropriate to be applied in learning and life in Islamic boarding schools because learning in Islamic boarding schools combines Islamic-based learning combined with the current national curriculum.

Keywords: social capital · industrial revolution 4.0 · Islamic boarding school

1 First Section

Today's very fast development has brought the world to a change in the order of life which eventually led to the process of the fourth industrial revolution. The current fourth industrial revolution has changed several aspects of life, including communication patterns and also the digitalization of various aspects of life that like it or not have changed the perspective and patterns of human behavior in the world. Digital-based communication and interaction patterns no longer look at direct verbal and two-way communication, but currently interaction and communication can be carried out from various directions involving many people and without being limited by space and time. The fourth industrial revolution is a stage in technological development in a world where physical, distance, time, digital and biological barriers are becoming increasingly blurred [1]. Things like that will have an impact on the development of life, especially what happens to young citizens as the next generation of a nation in the future, digitizing various aspects of life will bring them to a condition where the life order they live is different from the life order of the people, who highly respect ethics, norms, and rules in interacting and relating in society.

One of the impacts of the era of the fourth industrial revolution is experienced by the world of education, education in the fourth industrial revolution is an entry way to socialize the changes or digitization of various aspects of life that may change society to improve the situation. The fourth industrial revolution occurs because of false awareness and changes in work and production patterns that focus on digitalization based on communication technology and physical intelligence which results in the merging of humans and machines, will reduce the barriers between sociology and the humanities and increase the rapid development of science and innovation [2].

The era of the fourth industrial revolution that is currently happening has led to globalization as a result of massive changes. The era of globalization that has occurred has led to changes in people's behavior in interacting and relating to other communities, an increasingly open world, especially supported by increasingly sophisticated information and communication technology. As time goes by, society is facing globalization which has an impact on various changes in the structure of society, culture, and education have also experienced enormous changes, especially in terms of learning technology innovation. Globalization which is a transformation cannot be avoided, but every human being and institution must be prepared to deal with it wisely and effectively, because globalization also has benefits for human life. Pesantren as an educational institution-based religion in Indonesia which has a crucial role in shaping the people and civilization in Indonesia has certainly become a model in carrying out these tasks.

Islamic boarding schools have an important role in improving people's lives in social and economic aspects, not just carrying out education and learning in the cottage environment which only aims to grow the quality of students alone, besides that Islamic boarding schools also have a role to maintain the strength of the Unitary State of the Republic of Indonesia in the midst of high currents. Changes in the 4.0 Industrial revolution era [3]. This emphasizes the very important role that Islamic boarding schools have for the life of the Indonesian nation as stated in the tridharma of Islamic boarding schools, namely (a) Faith and devotion to Allah SWT; (b) Scientific development that is beneficial, and (c) Service to religion, society and the state [4]. In a wider life, the world is currently undergoing a transformation with the emergence of a shift in lifestyle from traditional to a more digital life. The rapid development of the times has led us to enter a new era in human life, especially in the fields of industry and technology, namely the era of the fourth industrial revolution. By incorporating the aspects contained in social capital, Islamic boarding schools will become one of the educational institutions that will be able to face challenges in the industrial revolution era by preparing students to become individuals who have cognitive, affective, and psychomotor maturity in the industrial revolution era. Fourth.

2   Research Problem

The impact that emerged from the era of the industrial revolution 4.0 was one of the negative impacts, life turned digital-based, giving rise to various activities, especially from the younger generation that lead to acts of violence through means that are sourced from sophisticated digital technology. Aspects that exist in social capital, are considered capable of preventing the negative impacts that arise due to the industrial revolution

era 4.0, especially when applied to Islamic religious-based education such as Islamic boarding schools. Therefore, in addition to the impacts that arise due to changes in the order of social life, including in the social order in interacting and communicating with the occurrence of the fourth industrial revolution, social capital is seen as something that becomes a unifying vehicle for society, without which society in general will collapse. This paper will discuss how Islamic-based education implemented in Islamic boarding schools becomes a vehicle for academic success in education for the application of social capital in the implementation of learning and the lives of students in Islamic boarding schools. Understanding how social capital plays an important role in the academic success of students who are beneficial to parents, and society as they develop the knowledge gained in educational institutions for better educational success.

3   Research Focus

In this study, the focus of this research is the application of social capital in past-based educational institutions (Islamic boarding schools) in the era of the industrial revolution 4.0.

4   Research Methodology

This paper will explain how the role of Islamic boarding schools as an educational institution based on Islam in the era of the fourth industrial revolution which has many challenges and opportunities to be able to deal with them by implementing and practicing social capital in the educational process in it. This research was conducted using a literature review or literature study on the concept of the fourth industrial revolution, social capital, and how pesantren play a role in building the younger generation in the era of the fourth industrial revolution.

As previously mentioned, the study of literature on the concept of the fourth industrial revolution, social capital, and how the role of Islamic boarding schools can be traced in two ways. First, a search through Vosviewer with the aim of finding out how much research there is on social capital and Islamic boarding schools. Second, a more conventional way is by using literature studies by observing articles related to the era of the fourth industrial revolution, social modes, and learning in Islamic boarding schools published by journals obtained from Google Scholar. The first search method has advantages that is, it can explain the interrelationships between the k-topic topics that will be discussed in this article, while the second method has the advantage that it is easier to do and also many academics use this method in conducting literature studies in article writing.

Data processing carried out in this research is by using descriptive analytical method. Analytical descriptive method is a data processing method that seeks to record, describe, analyze. and interpret it so that it is hoped that it will bring up a picture of the implementation of social capital in Islamic boarding schools as Islamic religious-based educational institutions in the era of the fourth industrial revolution.

5   Research Result

The presence of the 4.0 industrial revolution era in addition to bringing about global-ization where the world's life seems to be without limitations of space and time, it also creates an era of disruption in which changes occur so quickly which are likened to a volcanic explosion, where in this case changes can occur at any time and occur. so fast. This also has an impact on the implementation of education in Islamic boarding schools, the emergence of the 4.0 industrial revolution era has had a big impact on Islamic board-ing schools, Islamic boarding schools must be able to adapt to the current developments. Life outside Islamic boarding schools that are increasingly modern must be addressed wisely, one of which is by incorporating aspects of social capital consisting of the ability to open social networks, fostering trust among community members as a foundation for interacting, social norms that are always held as guidelines. in society.

Applying aspects of social capital in life in Islamic boarding schools and the imple-mentation of learning in them are important things in dealing with the rapid changes that occurred in the era of the industrial revolution 4.0, especially to prepare santri and sari-wati as the next generation who are able to spread Islamic teachings, become thinkers and builders of Islamic civilization in the midst of the progress of the times. Quality pesantren education in the era of the industrial revolution 4.0 is supported by the imple-mentation of aspects of strong social capital. Managers of Islamic boarding schools, ustadz as teachers in Islamic boarding schools, and also students must be able to take advantage of social capital to build social networks with parties outside the Islamic boarding school, foster trust, and make social norms as a reference in interacting within and outside the Islamic boarding school. Outside the hut [5].

6   Discussion

Islamic boarding school is one of the institutions or educational institutions based on Islam, which has its own characteristics that are different from other formal educational institutions in Indonesia. The education system in Islamic boarding schools combines a dormitory pattern and formal education in general, the students during their educa-tion stay in a dormitory or known as a boarding school, which is guided by a teacher called a kyai or ustadz. The curriculum in Islamic boarding schools combines Islamic religious-based learning content with nationally applicable curriculum content in Indone-sia, which consists of da'wah, Islamic studies, book studies, community development and other similar education. Students in Islamic boarding schools are called santri for male students, and female students for female students, the place where the santri and female students live, in the pesantren environment, is called the boarding school, which is then known as the Islamic boarding school [6].

Islamic boarding school is a pattern of education that is deeply rooted in Indonesian society, because its existence is derived from the culture and habits of the community. One of the characteristics of the Islamic boarding school is its existence in the midst of the community, so that the santri and female students mingle with the local com-munity, so that they are taught from the start to study the social systems that exist in the surrounding community. This is a natural thing, because since the beginning of its

existence, pesantren have become an educational institution that has strong roots in Indonesian society, pesantren is an education system that has strong historical, social and cultural roots in Indonesia [4].

The important thing that needs to be done is how to build social capital so that it becomes a solution for all parties in dealing with the impacts that arise due to the industrial revolution 4.0 era. To build social capital, there needs to be cooperation from various parties, one of which is the collaboration built by the students and managers of Islamic boarding schools. As an institution, Islamic boarding schools need to create and create opportunities both curricular activities carried out in the learning process and co-curricular activities carried out outside the learning process to students as students to develop social capital. Implementing social capital that has been carried out curricular and co-curricular by the Islamic boarding school as an institution. The idea of this collaboration becomes something important in the development of social capital, by acknowledging the existence of collective and individual capital from Islamic boarding schools as institutions and students as students.

7   Conclusion

The industrial revolution 4.0 that is currently taking place has caused various challenges and opportunities for the world to increasingly lead to progress in various fields of life, on the other hand, these advances have brought concerns to some parties about the negative impacts that arise due to the progress of the times. From these concerns, there are solutions for some people to equip the next generation with education that is able to face the swift currents of progress due to the industrial revolution 4.0. One of the educations that is seen as able to prevent the negative impact of the progress of the times in the era of the industrial revolution 4.0 is religious-based education, especially Islam which in the Indonesian context is better known as Islamic boarding school education,

In education at Islamic boarding schools, students are equipped with knowledge and skills derived from the values of Islamic teachings contained in the Qur'an, hadith, and the sunnah of the Prophet. In the pesantren, the students are also provided with how to live in an atmosphere of advancing times without forgetting social values by teaching and applying aspects of social capital.

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