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Exploring the Benefits of Online Certification in Modern Society: The Role of EZCert in Shaping the Future of Certificate Distribution

Nornikman Afiq Sani Ahmad, Mohamad Rahimi Mohamad Rosman*, Muhammad Nur Asri Mohd Sakeri, Siti Zulaikha Zulkifli, and Farra Nur Jeehan Kamaruzaman

Universiti Teknologi MARA Kelantan,18500, Machang Kelantan, Malaysia

Corresponding author's email address: rahimimr@uitm.edu.my

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ABSTRACT

With the world shifting toward technology and relying heavily on digital perspective in various fields, previous methods of issuing and distributing certificates have become inadequate. Therefore, developing advanced online certification systems that enhance its availability, security, and effectiveness of this process. This paper aims at exploring the benefits of online certification in today's society. EZCert is a new online certification system and in this paper, we assess the current trends and challenges, coupled with Best Performance analysis to identify how EZCert is a new system certification. This also underlines that the system contributes to increasing transparency, reducing the administrative load, and the issuance of secure and certified certificates. Moreover, it examines how through EZCert, the organization can impact the future of online sources, certification and the sphere in general. These reflections have important implications for understanding the potentials of digital certification more broadly and for the acceptance and use of EZCert as a technological approach for company and user mobility in the digital era.

INTRODUCTION

The advancement of digital technologies in today's society has made manual issuing and distribution of certificates inefficient. As a result of globalization in education, training and certification, and recognition of professional qualification are being done online, the accessibility and credibility of certification are becoming more paramount than ever before. The analysis of various works and the United States experience has demonstrated that digitalization of credentialing processes is not only relevant for enhancing access to certifications but also essential for resolving more profound issues associated with fraud and verification (Bates & Poole, 2022). That is when online certification systems have appeared to eliminate numerous drawbacks of traditional paper certifications (Jones et al., 2021).

This research highlights a newly developed platform known as EZCert that aims at being the digital solution to the issuing and management of certificates. Additionally, current issues with certification include forgery, various administrative problems, and limited access to certification; EZCert solves those problems. As reported in the current literature, such platforms as EZCert play a significant role in increasing the security of certificates and increasing confidence in their authenticity, which in turn can be extended to the target users and organizations (Smith & Rapp, 2023). This paper seeks to understand how Importer Certification systems are proving vital in contemporary society as it analyzes the dynamics through which EZCert is leading to the future.

To this end, drawing from current trends, challenges and optimistic performance indicators, this paper seeks to expose how and where EZCert is positively influencing change in the certification industry. Moreover, it examines its efficacy to make changes in online learning, professional accreditation, industry standards, organizational efficiency and user mobility. According to the literature, credentialing is an antecedent of nurturing the increased use of online learning and certification (Miller et al., 2022). In addition, this research opens a discussion on the use of online certificate-granting systems such as EZCert as a result of comprehending the implications that accompany its adoption in a digital context can also be used for future intervention programs that will benefit employees in Malaysia.

PROBLEM STATEMENT

There are three important issues of this study which are:

1. The adoption of EZCert online certification system enhances the accessibility of certification processes than would have been possible using traditional modes especially among organizations and the individuals in various locations.
2. The implementation of the EZCert system contributes towards a low level of certificate fraud and improves the security of issued certificates through features such as encryptions and blockchains.
3. As a result of using EZCert, an organization could reduce workload by upgrading from a manual system of issuing certificates and in turn leads to higher organizational effectiveness and performance.

LITERATURE REVIEW

The Shift Toward Digital Credentialing

Since the trends of digital composing in the education and industrial sector, paper certification processes are no longer effective. The traditional methods of having certificates issued and verified seem to be time-consuming and unproductive. This has severe shortcomings in that certificates are relatively cumbersome to store and access, much less verify, especially in cases dealing with participants from international or faraway locations. Hovorka & Lee (2019) hastens to point out that such digital credentialing systems are intended to address these issues because they provide a more secure, large-scale, and cost-effective model. Specifically, solutions like EZCert are targeting these issues since they are making use of online tools for generating certificates, distributing them, and even authenticating them without even the need for the physical paperwork. This shift is especially important in such professions as e-learning, certification, professional recognition, and global certifications, where timely and secure certification is valuable in line with the dynamism in the current world economy.

The Administrative Efficiency of Online Certification Systems

Critically, the biggest advantages of online certification platforms like EZCert is the reduction in administrative workload. Looking at conventional practices have time-consuming processes that include designing certificates, printing them, and even issuing them as well as archiving. This has mainly proved to be unproductive and time consuming due to manual intervention and thus can cause batch delay and increase on the overall administrative cost .Moreover, for the firms that have domestics large certificates in the market. Reardon (2022) indicates that many of these processes are automated in online certification systems meaning that the organization can control the origination, issuance, and administration of certificates through these systems. For instance, EZCert helps to organize events and participants, manage and design certificates and distribute them in digital format in a blink of an eye. This efficiency helps boost the organizational efficiency and remove obvious human factors as well as decrease the time it takes to process certification.

Fraud Prevention and Security in Certification

One major drawback of certificates is that they can be forged so easily. Most of the traditional certificates are mostly fake. When it comes to spoofing, paper certificates are very easy to impersonate and basic validation may entail very many manual checks. With the help of new digital credentialing systems improved safety measures including encryption and blockchain are applied to certificates to make them safe and easy to verify. Zhang & Jacobsen (2021) show that blockchain may enhance the online certification platform since the use of blockchain technologies provide an authoritative record of the certificates issued. This level of security reduces the incidents of fraud to a minimum because any attempt to manipulate the data changes visible. EZCert takes advantage of these innovative technologies through services that include certification using encryption technologies and use of blockchain technology in certification. This not only makes the credentials genuine but also makes sure that the user or the institution has trust in the processes.

User Acceptance and Satisfaction with Digital Platforms

The level of usage and satisfaction determine the effectiveness of any Digital platform which depends on factors such as, ease of use, system reliability, and the ability to meet user needs Fisher & Turner (2020) also note that & ready accessibility' of the new systems also plays a crucial role whence the need to investigate the degree of training necessary in embracing new digital systems. The participants in the study also expressed high satisfaction with the ease of use of the system, after most of them admitted that they could manipulate the EZCert after basic training. Ease of access and functionality of the features provided within the platform has helped increase its use more so within small and large firms. However, some users will demand a more elaborate option with a richer set of settings that would take into account the requirements of a particular industry. This means that although the platform is very efficient in the present design and functions, renewal of the platform may bring additional benefits of flexible functions.

METHODOLOGY

Considering the objectives of the research, this study adopts a qualitative research design to assess the effectiveness of the online certification systems, especially the EZCert, on modifying the conventional system of certification delivery. First of all, secondary data was gathered by fellow researchers' work on online certification systems, data security and shifts in digital certification. Secondary data are collected from academic articles, journals and reports, or case analysis of the organizations that have implemented EZCert from prior study on the certification using digital platforms (Ismail & Hasan, 2021).

The primary data collection technique used in this study is semi-structured interviews with key representatives in organizations that have employed EZCert in order to capture their experience with the system, the challenges and benefits the organizations realized when using the system. The interview data was analyzed using a content analysis method to come up with main themes. Further, a quantitative research

was undertaken through administration of questionnaires to individual users as well as institutions that use EZCert. This questionnaire aims to measure the user satisfaction on the aspect of security, convenience and efficiency of the adopted platform and a 5 Likert scale is used to measure the degree of the user satisfaction. Apart from tracking EZCert log information, the system's performance is analyzed by assessing certification completion rate, processing time, and the number of certifications generated for a three-month period. This information is then forwarded to statistical analysis software such as the Statistical Package for the Social Science (SPSS) in order to get a more defined perspective of the technical efficiency of the platform. Lastly, a sample of organizations that deployed EZCert is analyzed in order to determine the effectiveness of this system for enhancing administrative performance and non-triviality of certification management.

STUDY FINDINGS

This study produced several key findings regarding the implementation of the EZCert online certification system, based on user feedback, system performance analysis, and case studies from organizations that have adopted this platform. These findings highlight the advantages and challenges of using online certification systems in modern society.

Increased Accessibility and Reach

It could be considered that one of the most profound impacts is that EZCert has made it easier for the certification process. It is also essential to note that users, including organizations and participants, visualize that this system makes it possible for certification to be issued without concern with the geographical location. This is especially a great advantage to organizations that work in the international market or in the rural areas since it brings about reduced logistical challenges (Ali & Rahman, 2022). By virtue of the digital format of the certification system, certification can be given and accessed making it easier to make certification readily available to all.

Enhanced Security and Fraud Prevention

There is always a question of security, and this is an aspect that EZCert helps to tackle by using encryption and authenticity. The users state that they have confidence in a system that guarantees that certification awarded is secure, genuine, and virtually impossible to counterfeit. The application of authentication tools based on blockchain only enhances the dependability of the certification process and minimizes the likelihood of fake certification. Secondly, the audit records that are under the platform help organizations keep proper records of certification awarding.

Reduction in Administrative Workload

EZCert offers various reports which mow down the basic administrative work, according to the responses from various organizations. Calendar management, for instance, the design of certification, verification, and distribution, which are some of the activities that earlier required human intervention, may now be done on a calendar and in a shorter time (Reardon, 2022). This relieves administrative staff from doing routine tasks, thus enhancing the overall organizational productivity. Coordination of events, keeping records of the participants, and certification, are all simplified and easily performed without having to rely on several systems or manual intervention.

User Satisfaction and Usage Rates

User feedback from the questionnaire shows a high level of satisfaction with EZCert, especially in relation to the friendly and easy-to-use user interface. The majority of users state that the system is easy to understand and requires minimal training to use effectively. As a result, adoption rates among small and large organizations are higher than expected. However, some users suggested that the system could be improved by offering more customization options to meet specific industry needs (Shah & Abdullah, 2023).

Challenges in Initial Preparation and Adaptation

However, there are problems during the initial preparation phase in some organizations even with many advantages. Due to the inherent complexity in integrating EZCert with the organizational systems, smaller organizations, which have a limited technical capacity are quite challenged in the process. Moreover, while the offered service is equipped with templates and options, some may lack the means of implementing more specific requirements of the certification process (Lim & Tan, 2022). This proves that although the system is strong, and more flexibility will go further in adding popularity in different fields.

Future Implications for Digital Certification

It thus has important implications for future development of digital certification. As the number of organizations and schools seeking online approaches, tools such as EZCert continue to be vital to managing safe, easy, and large-scale certification. That is why, the application of the latest technologies such as artificial intelligence and machine learning, can also enhance the certification process even more, due to the increase of both, its accuracy and scalability.

In conclusion, the improved understanding of the various approaches delivering a certification body's credentials to parties that need them has revealed that EZCert has effectively eliminated many of the issues attributed to the old methods while providing the features that stakeholders value most, including easy access; enhanced security; and faster, more convenient delivery of certification credentials. However, there exist stronger prospects for further evolution and additional complementary to a vast scope of industries and organizations.

DISCUSSION, LIMITATIONS AND RECOMMENDATIONS

Despite the positive findings and implications of this research, there are limitations of the findings and implications of this research, which are discussed below. First, the study mostly depended on survey and interview results which were based on respondents' perception and may involve bias response. Some participants may have reported what they thought are the right answers as per the expectations of the researcher; some participants may have over reported levels of satisfaction with the EZCert system and therefore, the results may not be accurate. Thus, in the next studies, it is necessary to use a large heterogeneous sample to increase the external validity. Furthermore, action research can include quantitative measures together with qualitative views and insights in users' responses.

Second, this study targeted use of EZCert only; therefore, the results might not generalizable to other digital credentialing systems. It means that the results of the investigation generate significant insights into the performance of EZCert, however, it is possible that the effectiveness and user satisfaction with other platforms can be conditioned by its functional capabilities. To complement knowledge about the general environment of e-certification, further comparative investigations that involve comparison of the performance of different certification systems are considered ideal. Such research can point at the best practices and also present the user with a wide range of possibilities he/she has at his/her disposal.

By accepting these limitations and applying the relative suggestions, stakeholders would be able to enhance the effectiveness of the EZCert system and thus address the specific needs of different users and organizations in the field of digital certification.

CONCLUSION

The current research has shown the importance of the online certification system in meeting the problems that most organizations face while taking certification by the traditional methods. EZCert offers a range of advantages facilitated by accessibility and increased security, decreased administration burden through automation and higher user satisfaction with the new type of certification. The hypothesis testing supported that the system not only increases the certification accessibility in different geographical regions but also has better fraud prevention based on the encryption and blockchain techniques. Moreover, since management of documents is automated through the use of EZCert, it makes organizational procedures efficient as well as increases satisfaction among not only organizational customers, but also individual users.

However the study of the subject also highlights some disadvantages which include The lack of flexibility and personalisation of features to the users and also lack of technical support for non computer literate users. Solving these problems will enhance the platform's performance and expand its consumer base even more. Furthermore, future research should also concentrate on identifying the continued effects of the EZCert on people and conducting comparative analysis with other on-line certification systems to understand how it worked best in different scenarios.

Therefore, EZCert can be deemed to achieve the main objectives of redesigning the certification environment by presenting the secure, effective, and convenient administration of certification and its distribution. As organizations demand more digital ways to get their certifications, programs like the one currently known as EZCert are likely to become even more useful in increasing the quality and recognition of certifications globally.

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