Strengthening Interaction from Direct to Virtual Basis: Insights from Ethical and Professional Empowerment

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Abstract

The shift paradigm of interaction way from live basis to virtual one has been widely emerged around the world in the last decade. However, the challenging issues like immoral behaviour such as cyberbullying cannot be escaped across borderless space. The need to expose the extent of empowerment ethics referring to personalised learning and internet plus should be taken into account in the way to solve in the wise basis. This paper attempts to examine the moral engagement in underlying the interaction basis in terms of human communities including the on commitment caring, friendship and trust. Literature review from reviewed journals and books was conducted in the view of keyword. The finding reveals strengthening interaction from the direct basis to digital one refers to possess engagement between professional and ethical engagement. This study is expected to contribute in providing innovative approach on moral based digital interaction with enhancing capacities and abilities to improve the learning capacity engaged in operating the technology tools appropriately and wisely.

Keywords: direct interaction, virtual-based digital interaction, professional and moral engagement

INTRODUCTION

The interaction extent, in the last decade, has been widely emerged among the society to support their daily life needs. These skills are required in running the process to enable them in enhancing the abilities to improve capacities in the way in operating and utilizing technology appropriately and wisely. With the facilities distinctly emerged to enable the way in utilizing technology in such kind of fields, the initial enhancement to introduce digital smart device like mobile smartphone can take the necessary satisfaction of societal daily life needs in terms businesses sectors [1] and education field [2]. At this point of view, such example may give insights to the stakeholder to enhance the productivity levels with raising performance to achieve the result satisfaction [3]. In further, the entire necessity which should be considered with a pivotal role is to take a point of consolidating the strategies instructed in the use of social networking site (SNS) platform for instance in delivering the information content related to demand, need and interest such as learning with formal and informal basis [4]. With this regard, the transformation extent referring to the step from the lively interaction basis to the virtual environment is entirely integrated with digital technology in facilitating information process. With the current development of digital technology, the way to enable in moving forward to looking at the world is inextricably connected in the way to get information. This was employed from basis of traditional way including live interaction with referring to face to face basis to the digital based interaction approach as the revolutionary based industry demand. Attempts to get information especially in digital age are required to fulfill the necessary capabilities in operating technology use through adopting the knowledge understanding. In terms of industrial revolution advancement, the integration basis to develop human communication in the digital age has to be reformed with getting information through knowledge breadth. As a result, increasing the latest change of technology development can be achieved among the society to entirely integrate evolutionary system in creating communication basis into digital human age [5].

In line with attempting to assist the societal level in convincing the significance of virtual interaction, engaging the way to use technology in appropriate way refers an entire understanding on the digital human age. As a result, empowering to improve the performance extent in expressing the human enhancement should be considered in particular approach with engineering human genetic exerted to the divergent information technology application. Attempts to foster the necessary strategy application in encountering the positive implications are widely addressed to provide professional and ethical based human interaction in digital age. With this regard, the need to propose the model of theoretical basis to convince the users in interacting with others in virtual basis should be concisely employed into the way of understanding the positive implications of digital media use. With addressing the reference model referring to professional and ethical based interaction in the digital era, this paper aims to examine the attempt to strengthen the focus on moral engagement in the interaction basis with managing the virtual digital age.
LITERATURE REVIEW

Interaction in the Live Basis

Between personal and social level, the extent of interaction in the live basis refers to the way of human communication in face to face mode. By which to express facial mode of interaction, the way to communicate with others should be integrated into the interaction basis [6]. The basis of interaction among the society refers to an attempt with the individual in transforming the community engagement exchanging can be seen as an exchange between two or more individuals to transform information and this may build the community. It refers to the way to interact with the groups or with larger social group to enable the societal concern into the rules and systems in getting experiences from information basis. Attempts to provide the result with enhancing this stage should usually refer to the symbol transmitted into the social interaction [7]. Through the system mode including symbolic interactionism, it rules to assist in interacting with others using ethnomethodology to engage into human-computer interaction involving conversational analysis and psychosocial performance into the reality considered as social interaction adopted with others [8]. In terms of the people’s interaction way, creating the understanding way with social order should be transformed fully through presenting the response to the user’s action in terms of the request or choices among each other. Initiated into the action, such means can be configured to referring to the user of digital device.

In addition, the process of the interaction to strengthen the pattern way in exchanging receiver and sender within the process of communication refers to give insights through explaining entire process as a feedback from the certain model to broaden the communication pattern. In the process of undertaking the sender in enabling the receiver to control the medium content [9], interaction pattern with someone else in real life would enable in enhancing the facial expression as the initiative to interact with designing the words to be conveyed into others. In terms of representing the way which is necessary to have a look at entire attention to take time perfectly, getting access of information which can be shared with others in this digital era offers convenience extent which can be achieved among the users in rapid expansion, such as Facebook, twitter, and Instagram [10]. In this regard, the point of this view to interact with others through optimizing technologies refers to an ability with offering the extent to move within the virtual world. Released at this time, exploring the interactive environment can be described as the objects of the virtual world in communicating with others. Through the environment basis of virtual characteristic, the user may have chance to interactively connected in transmitting action-reaction approaches in signifying the virtual world to the users’ actions.

Digital based Interaction in Virtual Cyberspace

In the cyberspace age, the way in interacting with others refers widely to encountering the activity which enables the users to utilise with their ability into the virtual world [11]. It refers to the way to be achieved in exploring this kind of environment in looking at interaction rule within the virtual world. In terms of enabling the interaction both alive and virtual basis, enhancing the features of interaction skills enables to develop the technology advancement using current trend of SNS for instance twitter, Facebook, LinkedIn, Instagram, WhatsApp and line refers to add the distinctive feature integrated into the additional sources with visual explanation. Attempting to make such interactive circumstance in the way to facilitate in getting chance easily with making enjoyable is necessary to empower the balance between knowledge understandings of the technological tool utility and moral values engagement. It points out driving an entire way in organising an appropriate way. The way with particular approach in performing ethical enhancement refers to give insights into guiding to the adoption on digital tool [12]. The approach integrated with professional skill is needed to drive the process in transforming the benefit of technology in the society. Moreover, it refers to the right combination way between professional skills and ethical engagement.

In particular, the entire combination between self-esteem and confidence in the sense of exposing the internet use achieved among the societal concern should be widely configured to access information with getting the ways useful to describe technological adoption in enabling them to actively communicate with others in appropriate way. With characterising the technology use transmitted into the functionality extent through a wide range of fields such as business, educational concern and also the security device, the necessary approach covers in an appropriate way with engaging the personal ability into the operational level in daily life to which extent such matters need to be adopted in an attempt to control such changes and diffusion in the digital era. As a result, the basic understanding of the role in building sustainable relationship through recognising the impact of technology use is required to consider the social and educational aspect. It indicates that considering technology enhancement can assist in facilitating the virtual interaction basis. As important as taking into account virtual acts using technology use, it is necessary to point out an important role essentially in directing the one to engage with relying on the knowledge created within adapting frequently to support the environment basis from live interaction to virtual interaction. In order to attain an attempt to mix and match the knowledge rates in developing the control of humans within a dynamic of the knowledge understanding embedded with ever-lasting world, it can be viewed to generate the human genome within the way to communicate with others in digital age. In the attempt to associate with others, the technology use freely available in enjoying the convenience of virtual interaction.

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within the virtual world raises the personal and social concern in the way to control the Internet with referring to capabilities and abilities to manage wisely in appropriate way [13]. In particular, the effort to raise the knowledge increasingly in giving insights on the evolutionary system in the way to drive with the guidance enables the users to actively use and utilise cyber space interaction basis. At this point of view, the adoption between internet engagements and personalised learning basis needs to be integrated in managing the software agents to let the users have a wide understanding with more mobilised to match in digital human interaction.

**Between Internet Plus and Personalised Learning**

Replacing the search function of the exchange on the knowledge understanding with Internet Plus intentionally like what proposed by Li Keqiang who is China’s Prime Minister in the China’s Government Work Report document which talked about Information Superhighway [14]. In 2015 in China, one of important economic keywords was Internet Plus [15]. ‘Internet Plus’ connect significant Internet technology such as cloud computing, fog computing, Internet of Things, mobile Internet, and Big data to maintaining economic development in China.

The use of the term personalised learning dates back to at least the early 1960s [16]. In 2010, the U.S. Bureau of Education distributed the definition in the National Educational Technology Plan which is personalization indicate to direction that is paced to learning needs, custom fitted to learning preferences, and custom-made to the particular premiums of various students. In a domain that is completely customized, the learning destinations and substance and the technique and pace may all shift [17]. In a personalised learning framework, seeking after various ways of study can give understudies the premium and engagement that will bolster more elevated amounts of learning. Understudies can secure skills by taking advantage of assets both in and outside of school. Expanded learning openings, for example, apprenticeships, group benefit, free investigation, online courses, temporary jobs, performing gatherings, and private direction and additionally double enrolment programs, offer understudies the chance to fabricate authority toward abilities in ways that match their styles and premiums as guided, observed, and evaluated by educators. Group based, work-based, and benefit based learning not just give understudies a road to show learning in bona fide settings, however understudies additionally have genuine chances to have any kind of effect in their environment, state, national, and worldwide groups. Be that as it may, customized learning is a promising way to separate learning for all understudies and set them up for school, vocation and group in the 21st century [18].

In a framework that esteems personalised learning, understudies assume an undeniably dynamic part in outlining their own particular instruction way as they create and develop, while being considered expanding responsible for their own particular learning achievement [19]. Personalised learning expands inspiration and engagement by urging understudies to assume responsibility of and configuration learning encounters that are significant to them. Personalised learning intends to construct a profile of every understudy's qualities, shortcomings, and pace of learning, like how learning investigation screens understudy execution, searching for designs prone to anticipate how understudies will passage, and redo instructive encounters and support in like manner. For the extent of this exploration, learning investigation can be utilized to framework personalised learning and make it practical to insert at the mass scale required inside an advanced education organization [20]. Personalised learning is often depicted as a one-to-one tutoring system with a teacher being assigned a small group of students. As such, it remains for many a privileged system of tutoring [21].

**Between Significance and Risk of Digital based Interaction Pattern**

Regarded as an entire pattern to engage into the current pattern in the communication basis, digital based interaction approach refers to enhance the way to generate the basis of offering the typical way in accessing the cyberspace with borderless mode for instance the geographic location side [22]. The borderless space has a pivotal concern to prepare the users in accessing the interaction basis in digital space. Moreover, it can be viewed to the extent in virtual reality accessed through the immersion in order to allow information delivered through SNS. In accessing the trend to reach in allowing each user with the easy way, conducting duty with easiness to facilitate the connecting stage among the users with others for example for the student’s learning should be combined with understanding of the issue possibly emerged as the risk and simultaneous enhancement refers to address the instructor guidance. With this process to potentially emerge among the users, the habit in operating the mobile should be oriented to the mindfulness in order to keep away from immoral challenges such as cyber bullying, honest issue during the exam which is unlikely expected to allow the users in this digital era. Moreover, the issues from such examples needs to integrate in particular way as an attempt to assist the activities roles such as students’ learning into aid and prevails [2]. Between aids and prevails of the other issues entirely designed from technology enhancement, the concentration can potentially be the key point of the impact towards the focus potentially resulted within the academic basis [23], the sports [24] and extracurricular activities [25].

In addition, the challenges into some extent such as common complaint in the learning process for instance are widely engaged to prepare the significance of technology use in the
educational field. Some cases including technology addiction seems inextricably with the referring to lead to the immoral behaviour extent in terms of the lack of respectful attitude among the students towards their teacher due to the demand on technology consumers [26][27][28]. Emerging such issues refer to an entire trend directing to the challenging task which needs to concern in solving amidst the digital human age. As a result, considering the necessary acts to develop technology enhancement has to be involved with keeping the way to adopt technology in particular way within the mode of zero mistake. This is actually an attempt to minimize such challenges which can lead to the impact into the societal concern. With this regard, addressing the matters between opportunities and challenges possibly emerged into advancing the digital tool in the way to update the particular acts like posting online information should be paid serious attention. This initiative needs to concern to the preventive action along with strengthening the key potencies achieved to enhance the appropriate way in the interaction both live basis and digital one. As a result, integrating technology use into the wide range of purposes like posting online notes, assignments, lecturers and other information is necessary to consider in particular in enabling the users to adopt technology amidst the society members to fulfil appropriately into their daily needs.

METHODOLOGY

This paper aims to explore the way of strengthening interaction from live to virtual basis. In order to reach this attainment, literature from referred journals and books was conducted with referring to the keywords of interaction theory model, digital human interaction and personalised learning as well as a light of internet plus. Through critically exploring the methodology employed in this paper, the outcome to propose the reference model of framework on ethical empowerment in the age of digital human interaction specifically referring to personalised learning with Internet plus was associated with strengthening professional and moral strength as the strategy and application. In terms of attempting the engagement in the basis of digital human interaction, conducting the reviews on strategy and application of technological adoption and use among the users was dealt with duplicating articles beyond this study scope. Selected for reviews in the particular way, the process of integrating, evaluating and interpreting the findings from multiple types of research from recently grounded theory will be combined within meta-synthesis in identifying the common core themes and elements. The interpretations and conceptualizations from key elements to produce the reference model were conducted to analyse and synthesise in particular profound discussion into technical requirements and specifications within transforming the theoretical and conceptual level.

ANALYSIS AND DISCUSSION

Enhancing Application Strategy within Professional and Moral Engagement

In terms of application strategy to adopt the technological device, it is necessary to combine the extent the ethical based engagement. Moral values underlying the basis of virtual interaction have to be associated with strengthening the application. With this regard, ethical concern underlying application strategy on technological adoption can be achieved in the way to combine professional and moral engagement in the virtual interaction. This rule with application strategy is suggested to emphasise in adopting professional and ethical basis in the extent to empower the users’ potentials with the creative way. In terms of enhancing this attainment, the technology advancements with taking a greater commitment to emphasise the technology adoption refers to empower users in running the process to personalise skills related to the individual and social concern. With regard to the extent of strategy application adopted into the technological tool, the strategic planning enrolled with exposing the reference to assess the need in creating the vision with the experts has a significant role to build the way of skills implemented in the societal concern. Between teaching practices and methods configured to address the vision on strategy application, this initiative which is significant to underlie the model framework in addressing the dimensions of technology integration should be committed to the school program and society concern. Attempt to implement the need to commit in encouraging the interaction basis in the virtual environment has a particular role to run the partnerships such as activities of business and educational setting interaction. With referring to the point of building the sustainable models to focus on the emphasis into an innovative technology, being committed to the measurability in supporting and monitoring interaction process is necessary to have a look at the tracking on the pattern in investing to integrate the digital human interaction.

In addition, the model with the technological tool through taking serious on getting the course should be engaged into the dimensions about the application strategy [29]. It refers to entirely strengthen the core model possibly applied among the organisational initiatives to provide the motivational basis. Moreover, paying serious attention to the societal and individual concern has to be engaged into addressing the aims to have a significant essence of commitment on possessing competence. Towards the values to transform the level of particular essence, its current existence on the causal relationship to the identification in focusing on skill development refers to behave the skills set out in integrating technology. Enhancing the way systematically in signifying the design of expertise quality to give insights through a wide guidance would lead to support the social media implementation in the wide range of professional competence.
It refers to enhance the instructional design model in serving as constructing the instructions variety to frame the reference model.

In line with stressing the interaction in the virtual basis, attempts to strategically apply in enabling the individual and organizational should be paid serious attention through passing the certain program with the level of the clarification initiated to the essence to facilitate the relationship between structure and culture. As a result of creating the initiative to help the virtual interaction, enhancing the live society is widely transmitted to gain the access in connecting with others from direct access to virtual basis in the significant extent to the social and individual side [4]. In terms of the matter to facilitate the relationship extent at any level, guiding the structural basis using social media for instance needs to stress the key element of enhancing the cultural identity. Representing the social media into the level of individual’s personality characteristics, the opportunities to engage with raising the representative aspects of identity awareness in incorporating the interaction in the digital era should be prepared to provide information and guidance. It refers to highlight the points of distinction in providing the enhancement in the way with addressing the procedure to influence the personal characteristic as a major influence to determine practical stage in digital era [29]. Through assisting the practical process, strengthening the acts with typical and potential enhancement of the application strategy is achieved in the way which comes from the contacts inside and outside the interaction basis.

**Strengthening Moral Skill Engagement and Professional based Technology Adoption**

Towards the technology innovation advancement in offering an entire benefit in terms of flexibilities with pointing out the convenience, serving as the human social life should pay serious attention on the moral issue in the way which covers the impact possibly caused to affect the social interactions. As an attempt to address such moral concerns in underlying social media, such as Facebook, Twitter, or LinkedIn, understanding privacy and information attribution has to be prioritised in particular approach [1]. Deriving from ethical issues arising from technological use, the additional reference based on theoretical foundation refers to enlarge the moral and professional basis to outstand the interaction extent. In the way to obtain professional and ethical basis to give insights on the quality of information credibility, the social implications related to the digital interactions raise moral enhancement [30]. In terms of ethical issues related to the kind of interactions, moral values embedded into the online users in overcoming temporal and geographic barriers need to extend the social networks exponentially in taking care with interactions level within the digital age [31].

In line with the live interactions, the technological adoption based ethical concern should be operated into the learning enhancement where this refers to the learning perspective in using the wide range of assessment in guiding the learning. Valuing these assessments with addressing the solution through creating the explanation in justifying the formative and summative basis aims to enlarge the entire process of taking part of proceeding learning. As a result of being more committed to enhance the particular way on what to learn with the time and the way to learn can be demonstrated into what they have learned. Assessments formed into providing information among the students refer to enhance the performance basis with an appropriate instructional adjustment. Towards the current performance related to the target in designing to guide the individual and social concern, creating strengths and ignoring the weaknesses to gain the interaction pattern should provide the competencies in terms of making plan on the initiative to raise the summative assessments [32].

Providing information into the society at large, the way of mastery levels to adopt the digital device in communication purpose aims to generally assess the ethical engagement. This initiative is required to enhance the ethical perspective with referring to illustrate the way of users in implementing technological tools. Between moral and professional engagement embedded into the equality, justice, property, and privacy, an attempt to inculcate within the virtual interaction prioritised in the form of user control on the technological use. Such kind of practical stage can be shaped with strengthening awareness in the way of information technology (IT) to facilitate such activities like instant friendship making, caring enhancement, commitment awareness, and trust feeling. In terms of shaping the social and individual side, the practical implementation with stressing the moral concern should take a point of view into moral experiences-based epistemic practices [29]. This might enhance the connections between technology and human capabilities in order to concisely address the ethical norms in underlying the user’s engagement on online interaction.
Embedding Moral Strength with Virtual Interaction based Professional Skills

In terms of adopting the virtual interaction basis, advancing the global connectivity of interaction refers to entirely engage in taking care with the life quality in enabling to attract on information content shared in social media platform. As a result, the virtual based communication pattern should be employed in the basis of enlarging the interaction among the users. With this regard, enhancing the virtual interaction has to be embedded into the moral strength and professional skills. As a result of virtual interaction with a distant conversation, attempting to providing innovative way to helping human in a good life becomes a standard agent to complement through action-based approaches for value-based agenda within professional and ethical engagement [35]. Attempts to achieve virtual communications through enhancing gaining the distant conversation can be viewed to connect each other in the way to be seen to solve the challenges. An attempt with adopting this technological device deals with the complex systems-level issues in terms of globalisation where the digital divide should be prepared with professional and moral strength [36]. In terms of engaging the digital technology with such aspects of human interaction, the system of worldwide communication constructed into the activity by adapting system integrated to fulfil the humans’ social system.

In order engage the process with the adaptive technology skills, an attempt committed to the management side in terms of time and skill together with strategic planning has a pivotal role which needs to address in a particular approach in the way to enhance the virtual interaction [37]. As a result, the interaction model in the online tool needs to take care on the aspect of virtual reality. It indicates that to determine its characteristics and components in different ways, the interactivity to describe interactions within a virtual world can be reached into immersion and presence. It can be seen thoroughly with determining the factors which can impact to both presence and immersion. For instance, the user will not feel in both physically and mentally in the virtual world meaning that he will not interact with the virtual objects regardless of their range, speed and mapping [22]. It can be described that to determine the characteristics of interaction in a virtual world can be assessed in the virtual environment which is immersed with virtual objects.

Furthermore, possessing the professional skills is necessary to point out the moral engagement in underlying the adoption of social media use in creating the interaction foundation in the way to facilitate in attempting to integrate the technology enhancement formed into the societal foundation and educational setting in terms of learning and teaching [38]. Extended to higher education (HE) setting for instance, its benefit in offering innovative way of teaching experiences to students should be concisely engaged into the character values such as...
trust, care, friendship and commitment [39]. In reaching this with evaluating information related to the concept of wisdom, it is required to take into account the constructional ability process to create professional, social and epistemic practices among the users. Moreover, the causal relationship between time commitment and competence in underlying the personal values and goals has a particular essence to identify development of skill involvement [40].

In the attempts to embed the skill involvement within virtual interaction, this initiative would entirely enhance students' development, performance and achievement in the educational concern in terms of learning process in higher education [41]. Obtaining the way to improve environment and outcomes of student learning through strengthening effort with learning culture would enrich the learning style on technology use and pedagogy [42][43]. In order to empower social enhancement, engaging to deliver empathy needs to transmit sustainable learning with holistic approach through strengthening traditional wisdom [44] might apply for the benefit to the societal concern in terms of engaging civic responsibility [45]. With this regard, attempts to make balance into technology use as a pivotal element to underlie the virtual interaction process needs to address in assisting the plan to run well as planned with the key role to play in entire engagement between the ethical and professional engagement [46][47].

In line with associating the way to take serious concern between ethical and professional aspect, the instructional application strategy is considered to give insights in driving technological tool to guide the users in virtual interaction. In terms of using and utilizing social media, the foundation which needs to address refers to possess moral engagement configured into professional and ethical basis. In making an appropriate contribution among society at large, the entire initiative of the technology use associated with demonstrating the considerable guideline will become a key role to enlarge the way in dealing with the solutions towards the challenges. With this regard, accessibility problems in a specific context of the common usability through building interaction models will have an entire contribution to maximize the potency with ensuring the process in understanding an interface and accomplish their tasks engaged in operating the social media to generate virtual interaction in an appropriate way.

CONCLUSION

The shift paradigm of interaction way from live basis to virtual one has been widely emerged around the world in the last decade. However, the challenging issues like immoral behaviour such as cyberbullying cannot be escaped across borderless space. The need to exposure the extent of empowerment ethics referring to personalised learning and internet plus should be taken into account in the way to solve in the wise basis. It is necessary to the theoretical basis to convince the users in interacting with others in virtual basis should be concisely employed into the way of understanding the positive implications of digital media use. This paper did examine the attempt to strengthen the focus on moral engagement in the interaction basis with managing the virtual digital age. This paper attempts to examine the moral engagement in underlying the interaction basis in terms of human communities including the on commitment caring, friendship and trust. Attempt to strengthen interaction from the direct basis to digital one refers to possess engagement between professional and ethical empowerment. This study is expected to contribute in providing innovative approach on moral based digital interaction with enhancing capacities and abilities to improve the learning capacity engaged in operating the technology tools appropriately and wisely.

REFERENCES


