Digital *Muhadathah*: Framework Model Development for Digital Arabic Language Learning

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Abstract In recent years, the massive expansion of actualizing digital platform as the medium to transmit the information from the supplier to receiver has been emerging across the society life circumstance. Such paradigm transformation was widely coming into the conversation sector, where this is called as the concept of 'muhadathah' with in its today's trend moving into the digital orientation. With the newly developed concept as digital *muhadathah*, the need to critically examine the model application framework should be clearly taken into consideration in assisting the Arabic language process for the learning purpose. This paper aims to examine the potentials of framework model development for digital Arabic language application through engaging the concept of digital *muhadathah* (conversation). The inquiry process comes into determining both instrument and procedure on developing the framework model of digital Arabic language application. The strategic process on obtaining the inquiry arrangement was made through the critical literature review from the recently peer-reviewed articles related to the topic. The finding of this paper revealed that the digital *muhadathah* needs to arrange the critically developed framework model on helping the learning process on digital Arabic language application. This paper aims at contributing to provide the essence of developing the framework model on advancing the Arabic language application.

Keywords Digital *muhadathah* · Technology-enhanced language learning · Digital Arabic language application · Framework model development

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1 Introduction

In the last decades, the massive expansion on advancing the digital technology with its features and sophistication has been given a tremendous impact to enhance the society life at large. The number of such advancement is visible in terms of social interaction platform [1], education teaching and learning context [2], business arrangement [3], cyberspace security [4], and indigenous' learning support [5]. The rapid advancement of such digital multimedia technology in the current circumstance has given the supporting system in enabling the society to run their daily life, apart from the possibly changing issues caused in their lifestyle [6, 7, 8]. With this regard, today's society trend has been transforming from the general technology basis to the modern sophisticated technology [9–11]. As the strategic part in playing, the role of reenergizing the education sector particularly through modern technology features adoption could bring the influencing element in driving the direction to achieve the goal plan [12–14]. The consequence is that the way of integrating the technology from adaptation to adoption on helping the process of education scenario has been widely emerging in the today's trends, and thus the need to examine in sustaining the instruction design should be taken into consideration amid the education environment and system [15–17]. The particular attention needs to give into the learning process of Arabic language, which requires having a sufficient adoption into transforming the technology usability [18, 19].

In addition, the clear indication is particularly in the education context where the instructional design has been gradually transformed in adopting such features in assisting the conversation process, which would mainly be applied in Arabic language. This is because of its unique criteria of content with its varied form of vocabulary into the speaking, writing, and reading [20–22]. On this view, the arrangement of such wider adoption of digital technology in supporting both process and practices of Arabic language refers to the concept of digital *muhadathah*. The ultimate aim of developing the digital-supported conversation process on Arabic language was to help transmitting the information and message from the provider to the receiver more clearly and efficiently within the digital instruction scenario [23–25]. As a significant role in playing the digital Arabic language learning, such orientation yields in revolutionizing of the learning process in order to give more easily helpful platform. The proposed features of this approach would give a usefully informative instrument in allowing the learner as the user to adapt in adopting this framework model [26, 27].

In further, not only the instructive features provided in giving the easiness to the users, the digital *muhadathah* on this scenario might also transmit the strategically interactive orientation in supporting the instructional procedure and process articulated into the digital platform. At this point of view, the aforementioned schemes on structuring the Arabic language learning process are also being the standing point in the attempts to revolutionize the education instruction with technology innovation [28–31]. Thus, it is critically required to have a clear picture on mapping the process of digitally developed Arabic language learning. As such, this paper aims to examine

the potentials of framework model development for digital Arabic language application through engaging the concept of digital *muhadathah*. The inquiry process comes into determining both instrument and procedure on developing the framework model of digital Arabic language application. This paper aims at contributing to provide the essence of developing the framework model on advancing the Arabic language application.

2   Literature Review

2.1   *Digital* **Muhadathah** *for Arabic Learning Instruction Support*

Referring to the digital platform in helping to proceeding Arabic conversation, digital *muhadathah* has been the today's trends in bringing the language instruction application with the technology feature adoption. The earlier phase on this scenario on building the framework model development would need to obtain the point of view in bringing the technology integration and development [32–34]. Through such adoption, the necessary construction on developing the interactive technology on supporting the Arabic conversation has been the platform in disseminating the potentials of gaining the content more clearly within the cyberspace circumstance [35–37]. On this view, the scenario on managing the instruction process of Arabic language, particularly in the conversation, refers to disseminate the clear message in pointing out the instruction support [38–40]. With this regard, the strategic attempts to obtain in spreading the information accuracy articulated into the Arabic discussion and discourse. The process of widespread with the borderless space in transmitting the instruction through teaching and learning procedure refers to give insights into being more easily accessible [41–43].

In addition, the digital *muhadathah* is being the instructional support design in helping to learn on Arabic language conversation for the learning support. Considered to give an insightful value through the instruction support, the benefit to achieve could be obtained into helping to sustain the process, procedure, and practices on Arabic language conversation [44]. With this regard, the strategic basis on supporting the scenario should do with building the consistency of obtaining the environment with being easier, enjoyable, and manageable among the users as the learner [45–47]. On this view, the critical exploration on developing the digital technology is supposed to give insights into supporting the conversation section within the Arabic language learning. As a result, it needs to expand in selecting the proper approach in carrying out disseminating the potential descriptions of Arabic terms and conversation to achieve the planned goal orientation [48–50]. At this point of view, one of the basic approaches such as descriptive analysis of previous studies could be managed through the qualitative method assessment. Attempts to employing the procedure of the additional information on supporting Arabic learning instruction

might assist in enhancing the process and practices at any part of education institution [51–54]. As such, the further enhancement refers to point out bridging the significant efforts in helping for the instruction performance on supporting the Arabic language instruction.

In line with gaining the improvement to get an expertise on Arabic language through digital *muhadathah*, there should be a consistent effort to start with exploring the keywords or vocabularies related to the daily life. It is important to ensure the 'friendly approach to get improve' on the learners' instruction style and performances [55–57]. With this regard, the strategic approach in managing the learners' Arabic language to sustain their direction requires the substantial advancement on the instruction quality [58–60]. Moreover, the cultivating process on digital *muhadathah* in helping active-based learning instruction in the process of enhancing the quality basis refers to the systematic need to adopt digital-based instruction. In particular, the professional skill in Arabic communication is substantially supported by the initiative of artificial intelligence (AI) in assisting the empowerment of the learning process [61–63]. Such this orientation aims at producing the accessibility on helping to improve the learners' practices in the Arabic language learning. On this view, the professional communication delivered in the speech practices in the context of Arabic language described the *muhadathah* to entail in reflecting both capacity and capability of each individual in speaking and practicing process.

2.2 *Digital* **Muhadathah** *for Technology-Enhanced Arabic Language Learning*

The point of digital *muhadathah* is on the way on combining the process from enjoyment to instruction pathway. It means that the order comes from the stage of signifying the procedure between education for entertainment and instructional achievement [64]. Moreover, the orientation of obtaining the edutainment procedure is strategically designed to the extent of entertainment basis. It indicated that the process of delivering digital *muhadathah* in giving the featuring support is supposed to lead to result in the educational instruction process [65–67]. As the element to integrate along with the game basis, the orientation on developing the procedure, process, and practices of digital *muhadathah* refers to provide the important element as the key in helping the instructional pathway on the Arabic learning [68]. With this regard, the strategic requirement in helping to develop the game-based learning application throughout the Arabic language learning could propose the brief description on designing the model of how the beginner to learn language might have chance to explore and expand their potential expertise within the instructional process [69–71].

In addition, the particular point refers to the technology enhancement in focusing on the Arabic language learning instruction through the following phases. Those include the stage of three parts scenario, namely input orientation, process enhancement, and output achievement [72, 73]. These are being the particular concept in

generating the model proposed in supporting the instructional process of Arabic learning on the speaking part through providing the significant element in monitoring the process and procedure. At this point of view, such strategic approach needs to incorporate the way to set up the effective basis on digital *muhadathah* throughout providing the game established to improve the educational elements for students' performance achievement [74–76]. On this view, the effective basis on looking into detail about forming the extent of technology implemented for the instructional design in supporting the learning and speaking on Arabic language is supposed to help improve the learners' way of learning process. As a result, the knowledge and skills explored through the proper arrangement with the best tools could drive the scenario on adopting and using the instructional platform [77–79]. At this point of view, the initiative of this digital-based instruction throughout digital *muhadathah* is being the early possession on managing game-based learning in transforming the process of instruction basis. As such, the recommendation on this platform is that the appropriate approach with being more effective, interesting, efficient, and joyful aims at helping to improve the instruction process within teaching and learning [80–82].

In further, the strategic enhancement on managing digital *muhadathah* is potentially to help improve the ability to expand the knowledge and skills for the learners on Arabic language. As the platform in facilitating the learners' potentials, the encouragement of comprehending the benefits or advantages should do also with further exploring the challenges caused by digital platform [83–86]. On this view, the strategic attempts on creating the effective instruction would need to incorporate the learning performance through the actual based approach [87–89]. It indicated that the learners might have chance to develop their knowledge potentials together with the practical skills in enhancing the Arabic language application. In particular, the instructional model of this digital *muhadathah* might enhance the potentials of learners' motivation and conscious responsibility to achieve the goal-oriented improvement [90–92]. As such, proposing the scenario of digital Arabic language-enhanced learning process through this paper is being the initial development to help improve the strategic attempts on expanding the educational instruction through an active game application to achieve the language performance.

3 Methodology

Through the critical examination on bringing the potentials of framework model development for digital Arabic language application, the scenario of engaging the concept of digital *muhadathah* (conversation) would need to bring the inquiry process. It is strategically encouraged into developing both instrument and procedure on the framework model of digital Arabic language application. The critical literature review was done through the strategic process on obtaining the inquiry arrangement, and this scenario was made through from the recently peer-reviewed articles related to the topic. Attempts to arrange the critically developed framework model on helping the learning process on digital Arabic language application are

being the main finding of the digital *muhadathah* needs. Developing the framework model on advancing the Arabic language application would be the key contribution of this paper to improve enhancing the instruction process, procedure, and practices.

4   Result and Discussion

4.1   *Developing Digital* **Muhadathah** *for Arabic Language Learning Support*

Through critical examination on designing the potentials of framework model development for digital Arabic language application, the active engagement of this concept refers to digital *muhadathah* (conversation). The process of the proposed development on this framework model was through the inquiry process into determining both instrument and procedure on digital Arabic language application [93–95]. The strategic process on helping the learning process on digital Arabic language application refers to obtain the inquiry arrangement contextually exploring the critically developed framework model of the digital *muhadathah*. With this regard, the point on reenergizing the potential value in arranging the particular contribution in the Arabic language learning application refers to provide the essence of developing the framework model advancement [96–98]. Moreover, the strategic attempts on advancing the Arabic language application should do with building the arrangement on ensuring the continuation in rising the phase of the instruction process and procedure in supporting the Arabic language learning. On this view, the significant point is that the instruction aims at constructing the potential implementation indicator to improve the Arabic language learning including its provision and proficiency basis [99–101].

Through expanding the features related to the Arabic courses and Arabic language learning, the capacity to have a sufficient knowledge comprehension should come up with building the framework development with its featured characteristics of implementation phase [102–104]. The strategic attempts on carrying out the Arabic language learning instruction could make an improvement for proficiency through organizing institutions, seminars, classes, and workshops [105–107]. Moreover, the further exploration on developing the Arabic language proficiency should do with building the arrangement on managing the consequent basis of language acquisition process and procedure. With this regard, the main contribution yields on measuring the proficiency of Arabic language through the digital-based instructional design [108]. With this regard, the main concern refers to give insights into designing the teaching practice and assessment on Arabic language learning [109, 110]. On this view, the Arabic language speaking instruction is required through obtaining the master of language skills through practices and experiential enhancement. As such, the instructional design on bringing the Arabic language enhancement could properly be designed through listening, reading, writing, and speaking.

In further, the framework development on managing the extent of Arabic language learning instruction should come up reenergizing the strategic approach on managing the various increased levels on the speaking skills. With this regard, the proficient advancement on performing the Arabic language instruction is contextualized through the digital-supported platform in order to give a feedback in enhancing the skills [111–113]. As a result, the support of this scenario aims at solving the issues concerning Arabic language including the extent of proficiency skills. As the second language, the role of digital *muhadathah* played a significant contribution in helping to improve the capacity and capability in the process of speaking and practicing Arabic at the fluent basis. Moreover, the features of how digital *muhadathah* in giving the value on managing the innovative approach are described through having the knowledge comprehension and readiness. On this view, the particular attention should be given into assisting the capacity of psychological engagement with the readiness to adapt and adopt Arabic language as the foreign language, in order to help improve the digital skills achievement in line with the targetted plan arrangement [114–116]. As such, the distinctive characteristics of digital *muhadathah* yields on the emphasis in looking into detail about Arabic language learning skills to accommodate the communication pathway in underlying the activities mainly among those with the non-Arabic speakers.

4.2 Enhancing Digital **Muhadathah** *Supporting System for Arabic Language Learning*

The significant contribution of digital *muhadathah* refers to give insights into the creative scenario for the strategic platform as attempt to expanding the critical and speaking skills. Such arrangement at the same time would enhance the quality of language skills through reflecting the individual's way in directing the users to optimize their thinking skills, minds, and emotions on facing the Arabic language as the foreign language in order to enhance the achievement plan in line with the targetted arrangement [117–119]. Through such information, skills, emotions, and ideas, the features of *digital muhadathah* aim at enhancing the Arabic language learning. One of the particular results in directing the pathway on governing the process and practices of Arabic language learning through giving the supporting system. With this regard, the strategic attempts on advancing the need to do in resulting the extensive approach to enhance such communicative circumstance with its interactive engagement should bring along with building the instruction approach through the media kits [120–122]. As a result, providing an interactive approach with the learning instruction procedure for digital technology supporting system would make digital *muhadathah* to have the student-centered learning environment. As such, the effectiveness of Arabic instruction activities could potentially lead to enhance the learners' interest in continuing their learning process, practices, and performances to achieve an ultimate point of improving the language quality.

In addition, the digital *muhadathah* in the attempts to support the Arabic language learning requires to have the systems on monitoring the basic vocabulary for instance related to the daily life circumstance. Such this scenario needs to enhance the uniquely quantified learning approach in leading to the significant way on delivering the message related to the certain point. With this regard, the learners' conceptual understanding together with the learning motivation might give the improvement on maintaining the feedback to the instruction process [123, 124]. Of course, it is necessary to point out disseminating the systematic learning improvement on bringing the process to adapt and adopt the interactive learning scenario [125, 126, 127]. As a result, the mutual engagement on adopting the active instruction process would be generated through the digital technology and multimedia design [128, 129]. The particular point is that ensuring the effectiveness of instructional design could reach to the learners' motivation to actively engage into self-directed learning scenario [130, 131]. On this view, the active engagement in the learning process of Arabic language has become the emerging trends in today's modern era with the technology enhancement [132]. As such, the strategic development on maintaining an interactive-based platform using the multimedia arrangement refers to help supporting the instruction process through simulating the active dialogues in real-life setting with native Arabic speakers.

In further, the digital multimedia-based instruction design on managing the digital multimedia-based platform adopted the technology of artificial intelligence (AI) combined with the systematic process of natural language in helping to recognize the native Arabic speaker voices. With this regard, the strategic basis on helping the learners in practicing their Arabic skills in such real-time context would need to have a sufficient presentation on obtaining the performance in the Arabic language learning process [133]. The main orientation in giving insights into building the actual circumstance to possess the vocabulary is essential to take an advantage to function the language proficiency [134, 135]. One of the examples is such as the mastery of vocabulary, which would be the important factor in the process of language acquisition to advance in mastering the Arabic language as the foreign language. On this view, the main component of vocabulary has been the fundamental element in applying scheme to all four-language skills. Those are listening, speaking, reading, and writing [136, 137]. As the crucial component in language learning, obtaining the Arabic vocabulary at this digital *muhadathah* would be significant in helping to grab the message from the sources to the services among the learners as the users [138]. At this point of view, the utmost importance in developing the Arabic vocabulary through this digital *muhadathah* framework model could lead to the strategic platform in giving the feedback to enhance the communication skills and fluency. The design and development phase in ensuring the effectiveness of mobile game applications needs to incorporate the essential elements in the development stage in order to sustain the effectiveness of the instruction process.

5 Conclusion

As the medium to transmit the information from the supplier to receiver, the recent years paid attention toward the massive expansion of actualizing digital platform across the society life circumstance. Such paradigm transformation was widely coming into the conversation sector, where this is called as the concept of '*muhadathah*' with in its today's trend moving into the digital orientation. With the newly developed concept as digital *muhadathah*, the need to critically examine the model application framework should be clearly taken into consideration in assisting the Arabic language process for the learning purpose. This paper aims to examine the potentials of framework model development for digital Arabic language application through engaging the concept of digital *muhadathah* (conversation). The inquiry process comes into determining both instrument and procedure on developing the framework model of digital Arabic language application. The strategic process on obtaining the inquiry arrangement was made through the critical literature review from the recently peer-reviewed articles related to the topic. The finding of this paper revealed that the digital *muhadathah* needs to arrange the critically developed framework model on helping the learning process on digital Arabic language application. This paper aims at contributing to provide the essence of developing the framework model on advancing the Arabic language application.

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