

Analytical study of technology enhanced learning in Arabic Language in primary level education in Government and Private schools of Oman

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Education technology is one of the key application areas of Multimedia during these days. In the early stage, technology-based learning was limited to only those educational institutions which could afford it. But in this era of information technology, it became very important to incorporate various means of making the learning process more interesting and engaging not only in the higher education sector but also in school level.

One similar application of the above context is defined in the proposed project which is design of educational application in Arabic for the children of age group 3-5 years in Al Ajjal private school, Oman. This application is the solution or the problems and learning difficulties suffered by children in school. This educational application can influence how to learn basic skills such as reading, writing and mathematics and in a way to learn high-level skills such as organization and time planning, abstract thinking, and the development of long memory or short-term and interest in school and subject. This application will also be easy to use to the students in terms of the allocation of their subjects and materials required. I chose this project through continuous research for all schools and suggested my idea to some schools.

This research paper will also critically evaluate various existing systems available for the same purpose. This paper will also provide the result of surveys and interviews conducted among the staff members of various primary school, both in Government and Private sector. The critical evaluation includes results of various literature study along with a study of various features and their comparison result of which will draw some conclusion. As a result of this research paper, we will find more effective solution and requirement specifications for the proposed project.

Keywords: *Education technology; E-learning; Arabic language learning; Smart education; Multimedia based learning; basic education in Oman; Interactive media; Educational Applications*

Introduction

Al Ajjal School is a special school for children from kindergarten, primer and basic education. Founded in 1998.

Located in the interior of the state of Bedbed. The age group you teach is 3 years to 5 years old. The school is under the supervision of the Ministry of Education, as the phase of Rawda applies the Omani approach developed, but the first row applies the approach of the Ministry of Education. The mission of the school is to "prepare a generation that is distinguished ethically and culturally, belongs to its homeland and participates in the community in the service of its environment." I have received certificates from the Directorate of Education and from some local posts.

Authors are suggesting developing a mobile application to assist teaching the Arabic language to kindergarten, and I will be doing this for the school of private generations. This application helps children facilitate the teaching of Arabic language such as numbers, characters, knowledge of the days and the week, months, fruits and, so this application makes it easy for students to get a simple and enjoyable education for

them. In addition, this application includes educational games that are fun and useful to them.

1.2.1 Existing system:

The teachers in the school for the nursery and primer stage apply the developed Omani curriculum. For the first grade, the Ministry of Education curriculum applies, in addition to teaching them the computer to learn how to use it.

1.2.2 Proposed system:

There are not electronic-learning programs for simplified learning of the Arabic language. They also have some children who are unable to understand or memorize letters, numbers and days in Arabic, so this application helps them to learn simplified, fun, and quickly memorize and play at the same time.

Literature Study

Authors have done literature study on various topics related to this research. They have referred printed as well as electronic resources.

Books:



This books is book from Ajyal private school to learning kids. It help us in how design the application and what add to application.

From website:



This website is talking about Online Language Lessons for Children, this site help us in how can design project also what the words added in the application and be easy for children.



This site is learning Arabic for children. This site helps us how design application and this site gives my idea for what added in my application,

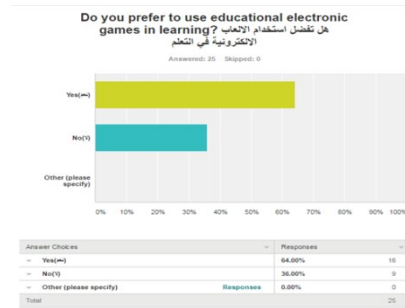


This site contain educational sites, entertainment sites and entertainment directed to children, and help us in the search for educational sites for children, because it helps in the design of the application and what are the ideas that children need in the application.

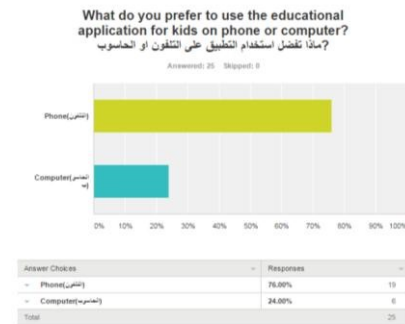
Data Collection

Questionnaires are a primary method to collect information about projects. We have found that spreading questionnaires out will give us an insight on things that people may not want to discuss in person. It gives us a better understanding on topics that we ask ourselves regularly while developing this Project.

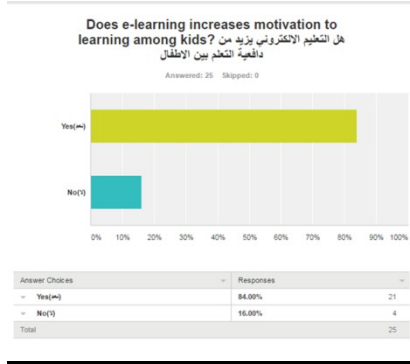
These questions illustrate the importance of electronic learning in children and see the comparison in this questionnaire, whether they prefer or not prefer, we will see.



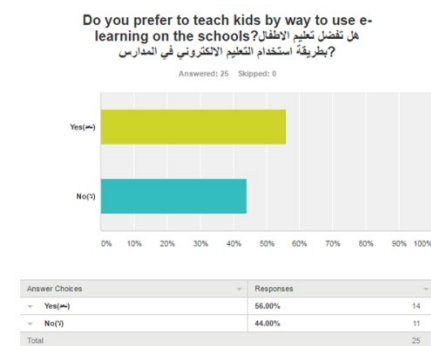
In this question shows that most people prefer to use electronic games in learning, and therefore makes me more enthusiastic about the work of this project.



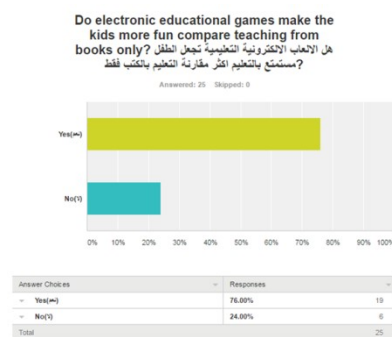
In this question shows that most people prefer to use the application on phone, so I will design the application for phone, because maybe people most use the application on the phone.



Next question show that most people say yes e-learning increases motivation to learn among kids.



Solution this question makes me more enthusiastic about the work of this project, because that most people prefer to use eLearning on the schools. So I will do design for the school.



In this question shows that most people say yes that electronic game make the child more fun. So I am happy for they say yes,

Conclusion

This research paper finally suggests design of application for private school for the kindergarten children. There are some students who will do the same. Authors are planning to do a different idea and hope to

get the satisfaction of the client, customer and people who will use this application. Authors have plan on designing the perfect and fun for kids learn about education easily, through the ideas and design of the subject in the program.

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