Visual Hybrid for Facilitating the Teaching and Learning of the Quran for Autistic Children

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Abstract—The knowledge of Quran for Muslims is paramount, as it equips one with the right knowledge of the religion of Islam, the manner of worship and the morals expected of a Muslim. Everyone with Islamic belief yearns to learn the Quran with the technology that simplifies the mode of learning. The use of computer-based technology such as multimedia computing has been effective method not only for the teaching and learning of Quran but also academic and social skills. There has been different research for simplifying the method of learning and teaching the Quran for different categories of people such as audio Quran for the Blind, multimedia integrated with gestures for the Deaf and the typical people can learning from all forms of the designs. Parents with Islamic belief accept that autistic children are from God and they need to be giving the same privileges other typical children would have such as social and religious activities. Autistic children have always been lacking in the knowledge of Quran as a result of the atypical behaviour such as short span of attention, low level of communication skills due to the neurological imbalance and people assumes they cannot learn the Quran because of the challenge involved in teaching an autistics. People with autism understand learning skills better through the aid of visuals such as pictures and video. This study intends to study the strengths of autistic children in terms of visuals and audio, identify different media such as pictures, video, animations, sounds and text that will capture their attention to facilitate the learning and teaching of Quran as well as evaluating the system for learning and learning Quran.

Keywords- (Autism, Quran, Multimedia, Attention span, visual hybrid)