Evaluating Perceived Usability of ProxTalker App Using Arabic Standard Usability Scale: A Student's Perspective

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Abstract : This oral presentation discusses a proposal for a study that evaluates the usability of an evidence based application named ProxTalker App. The significance of this study will inform administration and faculty staff at the Department of Communication Sciences Disorders (CDS), College of Life Sciences, Kuwait University whether the app is a suitable tool to use for CDS students. A case study will be used involving a sample of CDS students taking practicum and internship courses during the academic year 2018/2019. The study will follow a process used by previous study. The process of calculating SUS is well documented and will be followed. ProxTalker App is an alternative and augmentative tool that speech language pathologist (SLP) can use to customize boards for their clients. SLPs can customize different boards using this app for various activities. A board can be created by the SLP to improve and support receptive and expressive language. Using technology to support therapy can aid SLPs to integrate this ProxTalker App as part of their clients therapy. Supported tools, games and motivation are some advantages of incorporating apps during therapy sessions. A quantitative methodology will be used. It involves the utilization of a standard tool that was the was adapted to the Arabic language to accommodate native Arabic language users. The tool that will be utilized in this research is the Arabic Standard Usability Scale (A-SUS) questionnaire which is an adoption of System Usability Scale (SUS). Standard usability questionnaires are reliable, valid and their process is properly documented. This study builds upon the development of A-SUS, which is a psychometrically evaluated questionnaire that targets Arabic native speakers. Results of the usability will give preliminary indication of whether the ProxTalker App under investigation is appropriate to be integrated within the practicum and internship curriculum of CDS. The results of this study will inform the CDS department of this specific app is an appropriate tool to be used for our specific students within our environment because usability depends on the product, environment, and users.

Keywords : A-SUS, communication disorders practicum, evidence based app, Standard Usability Scale

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