

Virtual Computing Lab for Phonics Development among Deaf Students

Authors : Ankita R. Bansal, Naren S. Burade

Abstract : Idea is to create a cloud based virtual lab for Deaf Students, "A language acquisition program using Visual Phonics and Cued Speech" using VMware Virtual Lab. This lab will demonstrate students the sounds of letters associated with the Language, building letter blocks, making words, etc Virtual labs are used for demos, training, for the Lingual development of children in their vernacular language. The main potential benefits are reduced labour and hardware costs, faster response times to users. Virtual Computing Labs allows any of the software as a service solutions, virtualization solutions, and terminal services solutions available today to offer as a service on demand, where a single instance of the software runs on the cloud and services multiple end users. VMWare, XEN, MS Virtual Server, Virtuoso, and Citrix are typical examples.

Keywords : visual phonics, language acquisition, vernacular language, cued speech, virtual lab

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