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SURVEY ARTICLE

Kids Interactive Developmental System over Wi-Fi Direct

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Abstract— *Smart classroom has been a boon in the field of education. But when it comes to individual evaluation of education and development of kids in a classroom, this would require one to one intervention. KIDS is an Android based kids educational evaluation system we propose to implement over Wi-Fi Direct to be deployed in a smart classroom environment to evaluate and help kids to improve their learning skills. When traditional Wi-Fi connectivity is supported by Access Points deployed and monitored by service providers, Wi-Fi Direct Technology presents a costless deployment of Wi-Fi infrastructure. KIDSoWFD aims to develop such a frame work and takes up an activity based approach to evaluate a kid's potential which is currently being implemented. This can be extended for speech therapy, facial expression analysis etc.*

Keywords— *Smart classrooms; Wi-Fi Direct; Android; Tutor; Learner; Virtual Tutor; Activity*

Full Text: <http://www.ijcsmc.com/docs/papers/ICMIC13/ICMIC13S4.pdf>