

VIRTUAL REALITY BASED KIDS ZONE

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The kids zone is a virtual classroom and playground for small kids (age between 3-10). In virtual reality the users can interact with the 3D environment using oculus headsets. The oculus is a virtual reality headset used to interact with the 3D objects using the joysticks provided with the headset. The kids zone contains projector and toys for the kids and entertaining games for them. The main advantage of VR is that it allows remote tours for the people who are unable to visit their dream places and it completely immerses in 360 degrees of visual content to create the impression that the user feels he/she is in a completely different environment. All the above said are achieved through VR specific devices such as Oculus Rift or HTC vive.

Key words: Virtual Reality, Oculus Rift, Unreal Engine.