

Abstrack

Early childhood education is an important first step to improving child, especially to children aged four to six. In the early childhood curriculum there is the competence of the universe and taught the material forms of celestial bodies. With the development of technology, the application becomes one of the solutions as an interactive learning media. With augmented reality technology in interactive learning applications, can provide a good impact for children. Because AR can make the child feel the real shape of the heavenly bodies and can help the child to easily remember and imagine the shape of the object being studied. In this research using user centered design method to design user interface model, and quality in use intergrated measurement to know application usabillity level. This research will produce an user interface application that suits the characteristics of the child as an intereactive learning medium of solar system system with augmented reality technology.

Keywords : Early childhood education programs, user interface, solas system, augmented reality, user centred design, interaction learning media, Quality in use measurment