

Implementasi Augmented Reality pada Instalasi Listrik Gedung Berbasis Android

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ABSTRACT

Electrical installation is a crucial part of building houses or Buildings. The research tries to find out how to simulate the electrical installation process. However, using augmented reality technology, it is expected to provide knowledge about how to simulate the installation of electrical installations in Building. The augmented reality application is a simulation of electrical installations in building virtually using a smartphone device. That The electrical installation simulation process of 3D is more comfortable because it is easy to carry and does not require expensive props. Virtualizing augmented reality implementation tool in building electrical installation based on android uses augmented reality. It can display the simulation process of 3D Electrical installations. With the process of running the application, the application will track the marker after the marker is known according to the application system's reference data. The application can display electrical installation objects in Building.

Keywords: *Augmented reality, Simulation, Electrical Installation*