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Project Report

3D Virtual Environment Journey to Theme Park

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ABSTRACT

This project was based on the design and development of a richly full three-dimensional (3D) virtual environment journey to theme park, which could be used to educate the public, especially who do not travel lots and encourage environmental awareness, mainly for endangered environments. The products will result in a report and developed by using C++ openGL programming language. The purpose is to allow users of all ages to find the way through a 3D real time simulation of an actual section of the Sunway Lagoon Theme Park in the Malaysia by moving around to feel exactly in the environment. The project also concentrated on high end 3D representation engines that could be used to generate and process the real time images as well as with computer graphics. It is represents the technological studies involved in the beginning design of this 3D virtual environment journey to theme park.