

VIRTUAL UWU

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ABSTRACT

In Sri Lanka most of the people doesn't have a clear idea about "virtual reality". So I cannot hope that they will understand the real use of a virtual reality which uses in a web site. But with the hope of giving that idea to the society I start this project. The purpose of this report is to give the reader a concise and thorough understanding of the project, the main areas that it focused and how a final solution was achieved keeping the original project objectives.

The project is about creating the Uva Wellassa University environment in virtual reality. The scope of the project was focused on three major areas that are visible in a virtual world.

Those are the "360 degree 3D view", "3D animation tour". They are based on image processing. And also user can get the details of the university and can shows the user a site plan of university to find different places in its premises.

There is a software application which is really important for the users who hope to develop their own virtual realities. The "Virtual Tour creator" which helps to create virtual tours where user can insert sequence of photos and then it will create 360 panoramas and 360 degree 3D view.

The output of the project was a web-based application and a software application. The main goal of this project is to give a clear idea about the UWU environment, to let the users to build up virtual tours using the "virtual tour creator and to get information about UWU.