UNIVERSITI TEKNOLOGI MARA

FSKM VIRTUAL TOUR USING PHOTO STITCHING TECHNIQUE

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ABSTRACT

Virtual tour has been implemented in many industries as the medium that allows user to take tour or walkthrough in simulation of real world via virtual world. The purpose of this project is to identify the process of photo stitching technique and to apply the photo stitching technique in development of Faculty of Computer and Mathematical Sciences (FSKM) Virtual Tour or FVT. Photo stitching is used to combine many pictures to produce a panorama image around FSKM's building area. The virtual tour is implemented in FSKM website. Microsoft Image Composite Editor (ICE) has been used in photo stitching process. For FVT developing process, Tourweaver 7.0 Professional Edition was chosen to design and build the virtual tour. The result of this project is the panorama images that are created from photo stitching technique and the prototype of FVT. However, there are some limitations and recommendations that need be considered in future research and project development.

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