

## Abstract

Progress in the field of photography don't guarantee existence of lacking in this field. One of lacking in this field is that camera can't take a picture with a large viewpoint.

Image mosaic is a method for merging some images into panoramic image which has large viewpoint. Feature based image mosaic is a development of image mosaic method by using feature from image. Corner is the feature which will be applied in this final project. The process in feautre based image mosaic are corner detection, corner matching, and image transformation.

Based on subjective and objective result, panoramic image which yielded through feature based image mosaic is better than panoramic image which yielded through image mosaic.

**Keywords:** *image mosaic, corner, feature, corner detection, corner matching, and image transformation*