

ABSTRACT

Technology or a system that is made in such a way is one of the important things to support all community activities. In this final project, the focus is on creating a system transportation tools become one of the important things to support all activities of the community. In this final project in focus to create a system for detection of motion of the ball for evaluation of futsal sports training using a camera sensor, which will be built as an object detection algorithm. There is an important algorithm made in this final project, namely the detection system. The detection system in question is an object detection algorithm, python, visual studio code, webcam, laptop, and several opencv modules.

Keywords: Python, image processing, webcam, opencv.