SISTEM DETEKSI JUMLAH DOMBA DI PETERNAKAN *SULTAN FARM* JEMBER SECARA REALTIME MENGGUNAKAN METODE *YOLO*
REAL-TIME DETECTION SYSTEM FOR THE NUMBER OF SHEEP IN SULTAN FARM JEMBER USING THE YOLO METHOD

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ABSTRACT

You Only Look Once (Yolo) is an algorithm developed to detect objects in real-time. The detection system that carried out is to use a repurpose classifier or localizer to perform detection. The purpose of this study is to apply the YOLO method on cctv cameras to detect sheep in the farm by predicting and labeling objects in the inputted image. The results will be compared in the use of which model is the most suitable to be applied by the use of CCTV in the future. speed comparison and FPS (Frame Per Second) will be displayed in tabular form by seeing if the model used can work properly on the system. The study will also assess the advantages and disadvantages of each model used in its application.

Keyword : Detection, Yolo, Camera, Training Data