

DAFTAR TABEL

Tabel 2. 1 Solusi yang sudah ada.....	7
Tabel 2. 2 Batasan.....	9
Tabel 2. 3 Kebutuhan Sistem dan Perangkat Keras	10
Tabel 2. 4 Image Based Measures	12
Tabel 2. 5 Perbandingan Metode menggunakan Biological Based Measure.....	15
Tabel 2. 6 Perbandingan antara Nvidia Jetson Nano, Raspberry Pi 4, dan Raspberry Pi 5.....	20
Tabel 2. 7 Perbandingan antara Modul Kamera	23
Tabel 2. 8 Pengukuran Verifikasi dan Spesifikasi	24
Tabel 3. 1 Perbandingan Model YOLOv9, YOLOv10, dan YOLOv11	47
Tabel 3. 2 Perbandingan Model KNN, Random Forest, XGBoost, SVM, Logistic Regression, Decision Tree , LSTM, CNN, dan RNN.....	48
Tabel 3. 3 Perbandingan Sistem 1, Sistem 2, dan Sistem 3	50
Tabel 3. 4 Jadwal Pengerjaan.....	58
Tabel 3. 5 Rancangan Anggaran Biaya	59
Tabel 4. 1 Perangkat Keras	61
Tabel 4. 2 Hyperparameter XGBoost	67
Tabel 5. 1 Pengujian Kamera.....	93
Tabel 5. 2 Hasil Pengujian Mediapipe (Face Landmarker)	93
Tabel 5. 3 Hasil Confusion Matrix Masing-masing Skenario Pengujian Mediapipe (Face Landmarker).....	94
Tabel 5. 4 Classification Report Hasil Pengujian Mediapipe (Face Landmarker)	95
Tabel 5. 5 Hasil Confusion Matrix Masing-masing Skenario Pengujian Mediapipe (Object Detection).....	96
Tabel 5. 6 Classification Report Deteksi Gadget.....	97
Tabel 5. 7 Classification Report Deteksi Rokok.....	98
Tabel 5. 8 Classification Report Deteksi MakeUp	98
Tabel 5. 9 Hasil Pengujian Kestabilan Sistem (Stress Test: RAM, Suhu, FPS).....	99
Tabel 5. 10 Grafik Rata-Rata Hasil Pengujian Kestabilan Sistem.....	100
Tabel 5. 11 Hasil Beta Testing.....	101