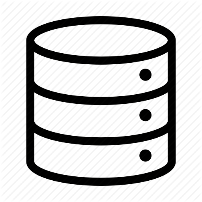
A close up of a logo

Description automatically generatedA close up of a logo

Description automatically generatedA close up of a speaker

Description automatically generatedA picture containing linedrawing

Description automatically generated

Prediction Result

Machine Learning

Database

Scan

Camera

Palm

Hasil Pengenalan Palm Vein

Evaluasi Performa

Model SVM

Pengenalan Palm Vein

Ekstraksi Fitur CNN

Klasifikasi SVM

Ekstraksi Fitur CNN

Data Latih

Data Uji

Preprocessing Data

Data Palm Vein

Resize Image

Citra hasil Preprocessing

Subtract Image

Adjust Intensity

Rotate Image

Data Palm Vein

Image Closing

Adaptive Histogram Equalization

Adaptive Noise Removal

ROI Detection (Inner Border Tracing)

Median Filter

Anisotropic Diffusion Filter

Grayscale

ROI Palm Vein

Cropping Image

Kemiringan P1 dan P2

Mencari titik P1 dan titik P2

Mencari titik puncak dan titik lembah

Distance Distribution Diagram

Pixel Coordinate

Palm Vein Image

Edge Detection (Inner Border Tracing)

Morphology Opening (Smoothing)

Rotate Image

Grayscale Image

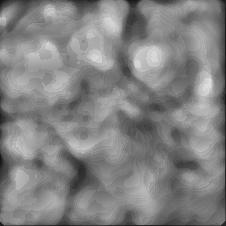
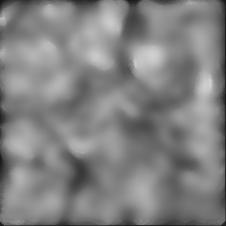
Otsu Thresholding (Binary)

Morphology Opening (Smoothing)

Augmentasi Palm Vein

Augmentasi Image

A close up of a screen

Description automatically generated  

(c)

(b)

(a)