

BAB VI

KESIMPULAN DAN SARAN

A. Kesimpulan

Berdasarkan hasil uji coba metode yang telah dilakukan, penulis menyimpulkan bahwa penelitian ini berhasil untuk mengklasifikasikan tingkat kematangan buah stroberi dengan menggunakan metode CNN. Hasil penelitian yang didapatkan oleh penulis *epoch* yang terbaik yaitu *epoch* 50 dengan tingkat akurasi sebesar 92,7% dengan *recall* 0,927 dan *f1-score* sebesar 0,232.

B. Saran

Berikut merupakan beberapa saran untuk pengembangan sistem kedepannya :

1. Mencoba untuk melakukan eksplorasi untuk menggunakan metode-metode yang lain supaya mendapatkan hasil yang lebih optimal daripada yang didapatkan penulis.
2. Mengimplementasikan klasifikasi tingkat kematangan buah stroberi kedalam sistem *mobile* ataupun *platform* lainnya.
3. Mencoba untuk penghilangan *background* menggunakan code dan pertimbangan *loss formula* yang akan digunakan.

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