

## BAB VI

### KESIMPULAN DAN SARAN

#### 6.1 Kesimpulan

Berdasarkan penelitian yang sudah dilakukan, maka dapat ditarik beberapa kesimpulan sebagai berikut:

1. Proses pelatihan pengenalan iris mata dengan menggunakan algoritma *convolutional neural network* menunjukkan hasil yang baik.
2. Algoritma CNN mampu menangani gambar dengan ukuran yang besar, yakni 999x999 piksel.
3. Hasil akurasi pelatihan tertinggi mencapai 83.69% dan akurasi pengujian tertinggi sebesar 81.94%

#### 6.2 Saran

Adapun saran dari penulis untuk penelitian selanjutnya adalah:

1. Penambahan jumlah dataset yang lebih banyak sehingga tingkat akurasi akan meningkat.
2. Gambar dataset yang lebih rapi dengan resolusi yang tajam sehingga dapat meningkatkan akurasi.
3. Penambahan jumlah kategori gangguan kesehatan.

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