

DAFTAR ISI

LEMBAR PENGESAHAN	i
LEMBAR ORSINILITAS	ii
ABSTRAK	iii
ABSTRACT	iv
KATA PENGANTAR.....	v
DAFTAR ISI.....	vi
DAFTAR GAMBAR.....	ix
DAFTAR TABEL	x
BAB 1	1
1.1 LATAR BELAKANG	1
1.2 RUMUSAN MASALAH.....	3
1.3 BATASAN MASALAH	3
1.4 TUJUAN	3
1.5 MANFAAT	3
1.6 SISTEMATIKA PENULISAN	3
BAB 2	5
2.1 KAJIAN PUSTAKA	5
2.2 DASAR TEORI	7
2.2.1 Kelapa Sawit	7
2.2.2 Penyakit Daun Kelapa Sawit.....	8
2.2.3 Klasifikasi.....	11
2.2.4 <i>Artificial Intelligence</i>	12
2.2.5 <i>Deep Learning</i>	16
2.2.6 <i>Convolutional Neural Network</i>	17

A.	<i>Feature Learning</i>	18
i.	<i>Convolution Layer</i>	18
ii.	<i>Pooling Layer</i>	19
iii.	<i>ReLU</i>	20
B.	<i>Classification Layer</i>	20
i.	<i>Flatten</i>	20
ii.	<i>Fully Conencted Layer</i>	21
iii.	<i>Softmax</i>	21
2.2.7	<i>Confusion Matrix</i>	22
2.2.8	<i>Epoch</i>	24
2.2.9	<i>Adam Optimizer</i>	25
2.2.10	<i>Python</i>	26
2.2.11	<i>Google Colabs</i>	27
BAB 3	29
3.1	ALUR PENELITIAN.....	29
3.2	PERANGKAT PENELITIAN	35
3.2.1	<i>Software</i>	35
3.2.2	<i>Hardware</i>	37
3.2.3	<i>Data Set</i>	37
BAB 4	39
4.1	HASIL DATA SET PREPARATION	39
4.2	HASIL PEMBUATAN MODEL.....	41
4.3	HASIL PENGUJIAN MODEL.....	42
BAB 5	46
5.1	KESIMPULAN	46
5.2	SARAN	46

DAFTAR PUSTAKA	47
LAMPIRAN.....	52