

DAFTAR ISI

LEMBAR PENGESAHAN	i
LEMBAR PERNYATAAN ORISINALITAS	Error! Bookmark not defined.
ABSTRAK	Error! Bookmark not defined.
ABSTRACT	iv
KATA PENGANTAR	v
DAFTAR ISI	vi
DAFTAR GAMBAR DAN ILUSTRASI	vii
DAFTAR TABEL	ix
Bab I Pendahuluan.....	1
I.1 Latar Belakang	1
I.2 Rumusan Masalah	5
I.3 Tujuan Penelitian.....	5
I.4 Manfaat Penelitian.....	5
I.5 Batasan Masalah.....	5
I.6 Sistematika Penulisan.....	6
Bab II Kajian Teori	7
II.1 Penelitian Terdahulu.....	7
II.2 <i>Online Travel Agency</i> (OTA)	18
II.2.1 Traveloka	20
II.2.2 Tiket.com.....	Error! Bookmark not defined.
II.2.3 Pegipegi	23
II.3 Media Sosial	24
II.4 <i>Twitter</i>	26
II.5 Twitter API (<i>Application Programming Interface</i>).....	29
II.6 Data Mining	30

II.7	<i>Text Mining</i>	31
II.7.1	<i>Natural Language Processing</i>	32
II.7.2	<i>Text Preprocessing</i>	Error! Bookmark not defined. 32
II.7.3	<i>Analisis Sentimen</i>	34
II.8	<i>Algoritma Text Mining</i>	35
II.8.1	<i>Naive Bayes</i>	36
II.8.2	<i>Support Vector Machine (SVM)</i>	37
II.8.3	<i>Decision Tree</i>	38
II.9	<i>Evaluasi Performansi</i>	39
II.10	<i>Pengembangan Aplikasi Web</i>	42
II.10.1	<i>Flask Framework</i>	42
II.10.2	<i>Hyper Text Markup Language (HTML)</i>	43
II.10.3	<i>Black Box Testing</i>	43
Bab III	<i>Metode Tugas Akhir</i>	44
III. 1	<i>Konseptual Model</i>	Error! Bookmark not defined.
III. 2	<i>Sistematika Penelitian</i>	46
III.2.1	<i>Identifikasi Masalah dan Solusi</i>	48
III.2.2	<i>Tahap Sentimen Analisis</i>	48
III.2.3	<i>Tahap Pengembangan Aplikasi Web</i>	49
III.2.4	<i>Tahap Kesimpulan dan Saran</i>	50
Bab IV	<i>Analisis dan Perancangan</i>	51
IV.1	<i>Deskripsi Ruang Lingkup dan Studi Kasus</i>	51
IV.2	<i>Dataset</i>	51
IV.3	<i>Labeling Data</i>	52
IV.4	<i>Preprocessing Data</i>	53
IV.4.1	<i>Case Folding</i>	54

IV.4.2	<i>Cleaning</i>	55
IV.4.3	<i>Stopword Removal</i>	55
IV.4.4	<i>Stemming</i>	56
IV.5	Aplikasi Web.....	56
IV.5.1	Halaman <i>Signin</i>	57
IV.5.2	Halaman <i>Signup</i>	57
IV.5.3	Halaman <i>Dashboard</i>	58
IV.5.4	Halaman Buat Project.....	59
IV.5.5	Halaman <i>Crawling</i>	59
IV.5.6	Halaman <i>Preprocessing</i>	60
IV.5.7	Halaman Training.....	61
IV.5.8	Halaman Petunjuk Pengunggahan Dokumen	61
IV.5.9	Fitur Pilih <i>Step</i>	62
Bab V	Analisis dan Testing.....	63
V.1	Dataset.....	63
V.1.1	Data <i>Training</i> dan Data <i>Testing</i>	64
V.2	Evaluasi Performansi.....	64
V.3	Hasil Analisis Sentimen	68
V.4	Pengujian Aplikasi Web.....	71
V.4.1	Unit Testing	71
Bab VI	Kesimpulan dan Saran	78
VI.1	Kesimpulan.....	81
VI.2	Saran.....	82
	DAFTAR PUSTAKA.....	83
	LAMPIRAN	90