

## DAFTAR ISI

HALAMAN PENGESAHAN .....	<b>Error! Bookmark not defined.</b>
PERNYATAAN.....	<b>Error! Bookmark not defined.</b>
PRAKATA .....	<b>Error! Bookmark not defined.</b>
DAFTAR ISI.....	1
DAFTAR TABEL .....	<b>Error! Bookmark not defined.</b>
DAFTAR GAMBAR .....	<b>Error! Bookmark not defined.</b>
INTISARI .....	<b>Error! Bookmark not defined.</b>
<i>ABSTRACT</i> .....	<b>Error! Bookmark not defined.</b>
BAB I PENDAHULUAN.....	<b>Error! Bookmark not defined.</b>
1.1 Latar Belakang .....	<b>Error! Bookmark not defined.</b>
1.2 Perumusan Masalah .....	<b>Error! Bookmark not defined.</b>
1.3 Batasan Penelitian.....	<b>Error! Bookmark not defined.</b>
1.4 Tujuan Penelitian .....	<b>Error! Bookmark not defined.</b>
1.5 Manfaat Penelitian .....	<b>Error! Bookmark not defined.</b>
BAB II TINJAUAN PUSTAKA.....	<b>Error! Bookmark not defined.</b>
BAB III METODOLOGI PENELITIAN .....	<b>Error! Bookmark not defined.</b>
3.1 Deskripsi Umum .....	<b>Error! Bookmark not defined.</b>
3.2 Rancangan Dataset.....	<b>Error! Bookmark not defined.</b>
3.2.1 Akuisisi Dataset Primer .....	<b>Error! Bookmark not defined.</b>
3.2.2 Anotasi Dataset Primer .....	<b>Error! Bookmark not defined.</b>
3.2.3 Pemilihan Dataset Sekunder .....	<b>Error! Bookmark not defined.</b>
3.2.4 <i>Pre-Processing</i> Dataset.....	<b>Error! Bookmark not defined.</b>
3.2.5 Seleksi Fitur .....	<b>Error! Bookmark not defined.</b>
3.3 Rancangan Model dan Sistem.....	<b>Error! Bookmark not defined.</b>
3.3.1 Alat dan Bahan.....	<b>Error! Bookmark not defined.</b>
3.3.2 Rancangan Sistem.....	<b>Error! Bookmark not defined.</b>
3.3.3 Rancangan Implementasi Pemantauan Jaringan.....	<b>Error! Bookmark not defined.</b>
3.4 Rancangan Pengujian dan Analisis .....	<b>Error! Bookmark not defined.</b>
BAB IV IMPLEMENTASI.....	<b>Error! Bookmark not defined.</b>
4.1 Implementasi Penyiapan Dataset .....	<b>Error! Bookmark not defined.</b>
4.1.1 Akuisisi Dataset Primer .....	<b>Error! Bookmark not defined.</b>
4.1.2 Anotasi Dataset Primer .....	<b>Error! Bookmark not defined.</b>
4.1.3 <i>Pre-processing</i> .....	<b>Error! Bookmark not defined.</b>
4.1.4 Seleksi Fitur .....	<b>Error! Bookmark not defined.</b>

4.2	Implementasi <i>Training Model</i> .....	<b>Error! Bookmark not defined.</b>
4.3	Implementasi Pengujian dan Perbandingan Setiap Model	<b>Error! Bookmark not defined.</b>
4.3.1	<i>Decision Tree</i> .....	<b>Error! Bookmark not defined.</b>
4.3.2	<i>Random Forest</i> .....	<b>Error! Bookmark not defined.</b>
4.3.3	<i>K-Nearest Neighbor</i> .....	<b>Error! Bookmark not defined.</b>
4.4	Implementasi Pendeteksian Serangan....	<b>Error! Bookmark not defined.</b>
4.4.1	<i>Capture Traffic</i> Setiap 5 Detik .....	<b>Error! Bookmark not defined.</b>
4.4.2	<i>Inferencing</i> .....	<b>Error! Bookmark not defined.</b>
4.4.3	<i>Monitoring Dashboard</i> .....	<b>Error! Bookmark not defined.</b>
BAB V HASIL PENELITIAN DAN PEMBAHASAN		<b>Error! Bookmark not defined.</b>
5.1	Hasil Penyiapan Dataset .....	<b>Error! Bookmark not defined.</b>
5.1.1.	Hasil Skema Jaringan.....	<b>Error! Bookmark not defined.</b>
5.1.2.	Hasil Akuisisi Dataset Primer .....	<b>Error! Bookmark not defined.</b>
5.1.3.	Hasil <i>Pre-processing</i> .....	<b>Error! Bookmark not defined.</b>
5.2	Hasil Seleksi Fitur.....	<b>Error! Bookmark not defined.</b>
5.3	Hasil <i>Training Model</i> .....	<b>Error! Bookmark not defined.</b>
5.3.1.	Analisis Efisiensi <i>Training Model</i> .	<b>Error! Bookmark not defined.</b>
5.3.2.	Performa Hasil Training Model .....	<b>Error! Bookmark not defined.</b>
5.4	Analisis Efisiensi Hasil Pendeteksian Serangan	<b>Error! Bookmark not defined.</b>
5.4.1.	Beban Pendeteksian oleh Model....	<b>Error! Bookmark not defined.</b>
5.4.2.	Performa Pendeteksian oleh Model	<b>Error! Bookmark not defined.</b>
5.5	Keluaran NIDS.....	<b>Error! Bookmark not defined.</b>
5.6	Hasil Implementasi NIDS .....	<b>Error! Bookmark not defined.</b>
5.7	Keterbatasan NIDS .....	<b>Error! Bookmark not defined.</b>
BAB VI KESIMPULAN DAN SARAN .....		<b>Error! Bookmark not defined.</b>
6.1	Kesimpulan .....	<b>Error! Bookmark not defined.</b>
6.2	Saran .....	<b>Error! Bookmark not defined.</b>
DAFTAR PUSTAKA.....		<b>Error! Bookmark not defined.</b>