

## DAFTAR ISI

PERNYATAAN.....	<b>Error! Bookmark not defined.</b>
KATA PENGANTAR .....	<b>Error! Bookmark not defined.</b>
UCAPAN TERIMA KASIH.....	<b>Error! Bookmark not defined.</b>
ABSTRAK .....	<b>Error! Bookmark not defined.</b>
ABSTRACT.....	<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>
BAB I.....	<b>Error! Bookmark not defined.</b>
PENDAHULUAN .....	<b>Error! Bookmark not defined.</b>
1.1    Latar Belakang .....	<b>Error! Bookmark not defined.</b>
1.2    Rumusan Masalah .....	<b>Error! Bookmark not defined.</b>
1.3    Batasan Masalah.....	<b>Error! Bookmark not defined.</b>
1.4    Tujuan.....	<b>Error! Bookmark not defined.</b>
1.5    Manfaat Penelitian.....	<b>Error! Bookmark not defined.</b>
1.6    Sistematika Penulisan.....	<b>Error! Bookmark not defined.</b>
BAB II.....	<b>Error! Bookmark not defined.</b>
TINJAUAN PUSTAKA .....	<b>Error! Bookmark not defined.</b>
2.1    Kriptografi .....	<b>Error! Bookmark not defined.</b>
2.1.1    Sejarah Kriptografi.....	<b>Error! Bookmark not defined.</b>
2.1.2    Pengertian Kriptografi.....	<b>Error! Bookmark not defined.</b>
2.1.2.1    Richard Mollin .....	<b>Error! Bookmark not defined.</b>
2.1.2.2    Talbot dan Welsh.....	<b>Error! Bookmark not defined.</b>
2.1.2.3    Menezes, Oorschot dan Vanstone	<b>Error! Bookmark not defined.</b>

2.2	Algoritma Elgamal .....	<b>Error! Bookmark not defined.</b>
2.2.1	Algoritma Generate Key .....	<b>Error! Bookmark not defined.</b>
2.2.2	Algoritma Proses Enkripsi .....	<b>Error! Bookmark not defined.</b>
2.2.3	Algoritma Proses Dekripsi .....	<b>Error! Bookmark not defined.</b>
2.3	<i>Instant Messaging</i> .....	<b>Error! Bookmark not defined.</b>
2.4	Firestore .....	<b>Error! Bookmark not defined.</b>
2.4.1	Kemampuan Utama.....	<b>Error! Bookmark not defined.</b>
2.5	Android.....	<b>Error! Bookmark not defined.</b>
2.5.1	Keunggulan Android.....	<b>Error! Bookmark not defined.</b>
2.6	File Citra.....	<b>Error! Bookmark not defined.</b>
2.5.4	Tipe Citra Berdasarkan Format Penyimpanan Nilai Warna ....	<b>Error! Bookmark not defined.</b>
2.5.4.1	Citra Biner .....	<b>Error! Bookmark not defined.</b>
2.5.4.2	Citra Sekala Keabuan .....	<b>Error! Bookmark not defined.</b>
2.5.4.3	Citra Warna (True Color).....	<b>Error! Bookmark not defined.</b>
2.5.4.4	Citra Warna Berindeks .....	<b>Error! Bookmark not defined.</b>
BAB III	.....	<b>Error! Bookmark not defined.</b>
METODE PENELITIAN	.....	<b>Error! Bookmark not defined.</b>
3.1	Desain Penelitian .....	<b>Error! Bookmark not defined.</b>
3.1.1	Identifikasi Masalah .....	<b>Error! Bookmark not defined.</b>
3.1.2	Studi Literatur .....	<b>Error! Bookmark not defined.</b>
3.1.3	Perancangan Algoritma Elgamal.....	<b>Error! Bookmark not defined.</b>
3.1.4	Implementasi Algoritma pada Perangkat Lunak	<b>Error! Bookmark not defined.</b>
3.2	Alat dan Bahan Penelitian .....	<b>Error! Bookmark not defined.</b>
3.2.1	Alat Penelitian.....	<b>Error! Bookmark not defined.</b>

3.2.2	Bahan Penelitian.....	<b>Error! Bookmark not defined.</b>
BAB IV .....		<b>Error! Bookmark not defined.</b>
HASIL PENELITIAN DAN PEMBAHASAN .....		<b>Error! Bookmark not defined.</b>
4.1	Pembahasan Sistem Enkripsi <i>Instant Messaging</i>	<b>Error! Bookmark not defined.</b>
4.2	Implementasi Algoritma Elgamal pada Sistem Enkripsi <i>Instant Messaging</i>	<b>Error! Bookmark not defined.</b>
4.2.1	Membangkitkan Kunci .....	<b>Error! Bookmark not defined.</b>
4.2.2	Pengiriman Pesan.....	<b>Error! Bookmark not defined.</b>
4.2.3	Penerimaan Pesan .....	<b>Error! Bookmark not defined.</b>
4.3	Pengujian Aplikasi .....	<b>Error! Bookmark not defined.</b>
4.3.1	Pengujian Program.....	<b>Error! Bookmark not defined.</b>
4.3.2	Pengujian efektifitas dan akurasi sistem enkripsi	<b>Error! Bookmark not defined.</b>
4.4	Analisa Hasil Uji .....	<b>Error! Bookmark not defined.</b>
BAB V.....		<b>Error! Bookmark not defined.</b>
KESIMPULAN DAN SARAN.....		<b>Error! Bookmark not defined.</b>
5.1	Kesimpulan.....	<b>Error! Bookmark not defined.</b>
5.2	Saran.....	<b>Error! Bookmark not defined.</b>
DAFTAR PUSTAKA .....		<b>Error! Bookmark not defined.</b>