

Daftar Isi

LEMBAR PERNYATAAN	I
ABSTRAK	III
ABSTRAC.....	IV
LEMBAR PERSEMBAHAN	V
KATA PENGANTAR.....	VI
DAFTAR ISI.....	VII
DAFTAR GAMBAR.....	IX
DAFTAR ISTILAH	X
1. PENDAHULUAN.....	1
1.1 LATAR BELAKANG	1
1.2 RUMUSAN MASALAH	2
1.3 TUJUAN.....	2
1.4 HIPOTESIS.....	2
1.5 BATASAN MASALAH.....	2
1.6 METODOLOGI PENYELESAIAN MASALAH	3
2. TINJAUAN PUSTAKA	4
2.1 DIGITAL FORENSIC	4
2.1.1 Pengertian <i>Digital forensic</i>	4
2.1.2 Tahapan <i>Digital Forensic Smartphone</i>	4
2.2 DIGITAL EVIDENCE	7
2.2.1 Pengertian	7
2.2.2 <i>Digital Evidence</i> pada <i>Smartphone</i>	7
2.3 ANDROID OPERATING SYSTEM.....	8
2.3.1 Partisi <i>Filesystem</i>	9
2.3.2 Tipe <i>Filesystem</i>	10
2.4 METODE.....	11
2.4.1 <i>Volatile Memory</i>	11
2.4.2 <i>Non-volatile Memory</i>	12
2.4.3 <i>Framework</i> Akuisisi.....	12
2.4.4 <i>Access Control</i>	14
2.5 Kasus Nyata Penelitian	15
3. PERANCANGAN DAN IMPLEMENTASI	16
3.1 ANALISA KEBUTUHAN PENELITIAN	16
3.2 STUDI KASUS DAN SKENARIO	16
3.2.1 Porsi Penelitian dari Skenario	17
3.3 HARDWARE	19
3.4 TOOLS	19
3.4.1 ABD	19
3.4.2 <i>Sqlite</i>	19
3.4.4 Ghex.....	20
3.5 SMARTPHONE ROOTING.....	20
3.5.1 <i>LG Optimus L9</i> dan <i>Samsung Galaxy Mini Rooting</i>	20
3.5.2 <i>Lenovo A390 Rooting</i>	21
3.6 AKUISISI BARANG BUKTI DIGITAL	22
4. PENGUJIAN DAN ANALISIS	28
4.1 SKENARIO KASUS 1.....	28
4.1.1 <i>Samsung</i>	28
4.1.1.1 Analisis <i>Log Buffer</i>	28

4.1.1.2 Analisis <i>Physical Image</i>	30
4.1.2 <i>Lenovo</i>	31
4.1.2.1 Analisis <i>Log Buffer</i>	31
4.1.2.2 Analisis <i>Physical Image</i>	31
4.1.3 LG.....	33
4.1.3.1 Analisis <i>Log Buffer</i>	33
4.1.3.2 Analisis <i>Physical Image</i>	33
4.2 SKENARIO KASUS 2	35
4.2.1 <i>Samsung</i>	35
4.2.1.1 Analisis <i>Log Buffer</i>	35
4.2.1.2 Analisis <i>Physical Image</i>	36
4.2.2 <i>Lenovo</i>	37
4.2.2.1 Analisis <i>Log Buffer</i>	37
4.2.2.2 Analisis <i>Physical Image</i>	38
4.2.3 LG.....	39
4.2.3.1 Analisis <i>Log Buffer</i>	39
4.2.3.2 Analisis <i>Physical Image</i>	39
4.3 SKENARIO KASUS 3	40
4.3.1 <i>Samsung</i>	40
4.3.1.1 Analisis <i>Log Buffer</i>	40
4.3.1.2 Analisis <i>Physical Image</i>	41
4.3.2 <i>Lenovo</i>	41
4.3.2.1 Analisis <i>Log Buffer</i>	41
4.3.2.2 Analisis <i>Physical Image</i>	41
4.3.3 LG.....	42
4.3.3.1 Analisis <i>Log Buffer</i>	42
4.3.3.2 Analisis <i>Physical Image</i>	42
5. KESIMPULAN DAN SARAN	44
5.1 KESIMPULAN	44
5.2 SARAN	45
DAFTAR PUSTAKA	46