

## DAFTAR GAMBAR

Gambar I.1 <i>Pie chart</i> Kuesioner .....	2
Gambar I.2 <i>Pie chart</i> Kuesioner .....	3
Gambar I.3 <i>Pie chart</i> Kuesioner .....	3
Gambar I.4 <i>Pie chart</i> Kuesioner .....	4
Gambar I.5 <i>Pie chart</i> Kuesioner .....	5
Gambar I.6 <i>Pie chart</i> Kuesioner .....	5
Gambar III.1 Model Konseptual .....	17
Gambar III.2 Sistematika Penyelesaian Masalah.....	19
Gambar IV.1 Topologi Jaringan .....	24
Gambar IV.2 <i>IP Address List Router</i> Utama.....	28
Gambar IV.3 <i>Firewall NAT Router</i> Utama .....	28
Gambar IV.4 <i>DNS Setting Router</i> Utama.....	29
Gambar IV.5 Hasil <i>Ping Router</i> Utama .....	29
Gambar IV.6 <i>IP Address List Router</i> 1 .....	30
Gambar IV.7 <i>Routes List Router</i> 1 .....	30
Gambar IV.8 <i>DNS Setting Router</i> 1.....	31
Gambar IV.9 <i>Ping Router</i> 1 ke <i>Router</i> Utama .....	31
Gambar IV.10 <i>Ping Router</i> 1 ke Google.....	32
Gambar IV.11 <i>IP Address List Router</i> 2 .....	32
Gambar IV.12 <i>Routes List Router</i> 2.....	33
Gambar IV.13 <i>DNS Setting Router</i> 2.....	33
Gambar IV.14 <i>Ping Router</i> 2 ke <i>Router</i> Utama .....	34
Gambar IV.15 <i>Ping Router</i> 2 ke <i>Router</i> Utama .....	34
Gambar IV.16 <i>IP Address List Router</i> 3 .....	35
Gambar IV.17 <i>Routes List Router</i> 3.....	35
Gambar IV.18 <i>DNS Setting Router</i> 3.....	36
Gambar IV.19 <i>Ping Router</i> 3 ke <i>Router</i> Utama .....	36
Gambar IV.20 <i>Ping Router</i> 3 ke Google.....	37
Gambar IV.21 <i>IP Address Client</i> 1 .....	37
Gambar IV.22 Hasil <i>Ping Client</i> 1 .....	38
Gambar IV.23 <i>IP Address Client</i> 2 .....	38
Gambar IV.24 Hasil <i>Ping Client</i> 2 .....	39
Gambar IV.25 <i>IP Address Client</i> 3 .....	39
Gambar IV.26 Hasil <i>Ping Client</i> 3 .....	40
Gambar IV.27 <i>IP Address Client</i> 4 .....	40
Gambar IV.28 Hasil <i>Ping Client</i> 4 .....	41
Gambar IV.29 <i>IP Address Client</i> 5 .....	41
Gambar IV.30 Hasil <i>Ping Client</i> 5 .....	42
Gambar IV.31 <i>IP Address Client</i> 6 .....	42
Gambar IV.32 Hasil <i>Ping Client</i> 6 .....	43
Gambar IV.33 Konfigurasi <i>Mark Connection Download</i> .....	44
Gambar IV.34 Konfigurasi <i>Mark Packet</i> .....	45
Gambar IV.35 Konfigurasi <i>Mark Connection Upload</i> .....	45
Gambar IV.36 Hasil Konfigurasi <i>Mangle</i> .....	46
Gambar IV.37 Konfigurasi <i>Parent</i> .....	46
Gambar IV.38 Konfigurasi <i>Child</i> .....	47

Gambar IV.39 Hasil Konfigurasi <i>Queue Tree</i> .....	47
Gambar IV.40 Konfigurasi <i>Simple Queue</i> .....	48
Gambar IV.41 Hasil <i>Simple Queue Router</i> Utama .....	48
Gambar IV.42 Hasil <i>Simple Queue Router</i> 1 .....	49
Gambar IV.43 Hasil <i>Simple Queue Router</i> 2 .....	49
Gambar IV.44 Hasil <i>Simple Queue Router</i> 3 .....	49
Gambar IV.45 Hasil Limitasi <i>Queue Tree</i> .....	50
Gambar IV.46 Hasil Limitasi <i>Simple Queue</i> .....	51
Gambar IV.47 <i>Capture</i> Wireshark Lantai 4.....	52
Gambar IV.48 Hasil <i>Export</i> Wireshark Lantai 4 .....	54
Gambar IV.49 <i>Capture</i> Wireshark Lantai 8.....	55
Gambar IV.50 Hasil <i>Export</i> Wireshark Lantai 8 .....	57
Gambar IV.51 <i>Capture</i> Wireshark Lantai 9.....	58
Gambar IV.52 Hasil <i>Export</i> Wireshark Lantai 9 .....	60
Gambar IV.53 <i>Capture</i> Wireshark Lantai 18.....	61
Gambar IV.54 Hasil <i>Export</i> Wireshark Lantai 18 .....	63
Gambar V.1 Melakukan <i>Meeting Online</i> .....	66
Gambar V.2 <i>Streaming Video</i> YouTube .....	67
Gambar V.3 <i>Capture</i> Wireshark <i>Queue Tree Router</i> 1.....	68
Gambar V.4 Hasil <i>Export</i> Wireshark <i>Queue Tree Router</i> 1 .....	69
Gambar V.5 <i>Capture</i> Wireshark <i>Queue Tree Router</i> 2.....	71
Gambar V.6 Hasil <i>Export</i> Wireshark <i>Router</i> 2 .....	72
Gambar V.7 <i>Capture</i> Wireshark <i>Queue Tree Router</i> 3.....	74
Gambar V.8 Hasil <i>Export</i> Wireshark <i>Queue Tree Router</i> 3 .....	75
Gambar V.9 <i>Capture</i> Wireshark <i>Simple Queue Router</i> 1 .....	77
Gambar V.10 Hasil <i>Export</i> Wireshark <i>Simple Queue Router</i> 1 .....	78
Gambar V.11 <i>Capture</i> Wireshark <i>Simple Queue Router</i> 2 .....	80
Gambar V.12 Hasil <i>Export Simple Queue Router</i> 2 .....	81
Gambar V.13 <i>Capture</i> Wireshark <i>Simple Queue Router</i> 3 .....	84
Gambar V.14 Hasil <i>Export</i> Wireshark <i>Simple Queue Router</i> 3.....	85