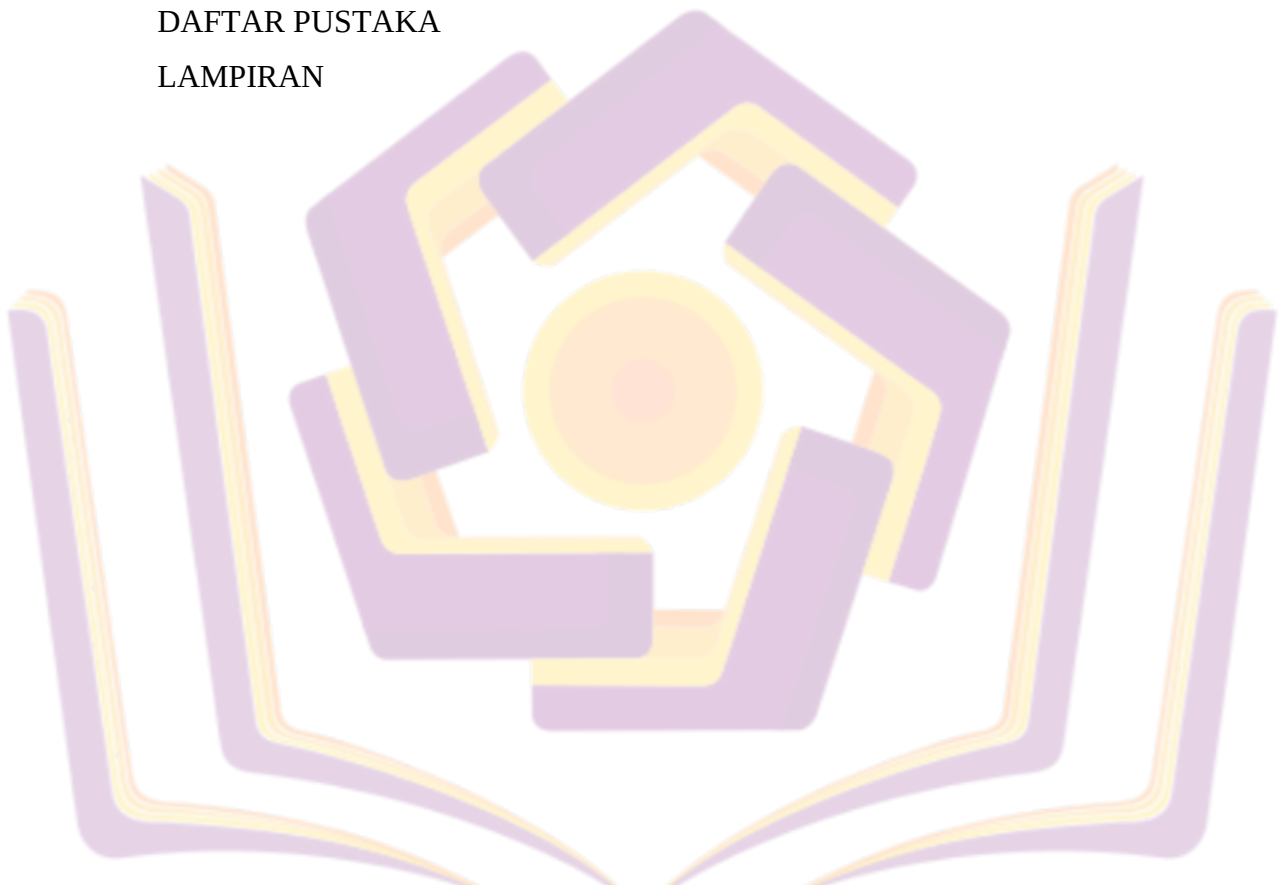


DAFTAR ISI

HALAMAN SAMPUL	i
HALAMAN JUDUL.....	ii
HALAMAN PERSETUJUAN.....	iii
HALAMAN PENGESAHAN.....	iv
HALAMAN PERNYATAAN KEASLIAN	v
HALAMAN PERSEMBAHAN	vi
HALAMAN MOTTO	ix
KATA PENGANTAR	x
DAFTAR ISI.....	xii
DAFTAR TABEL.....	xiv
DAFTAR GAMBAR	xv
DAFTAR LAMPIRAN	xviii
ABSTRAK	xix
<i>ABSTRACT</i>	xx
BAB I PENDAHULUAN.....	1
A. Latar Belakang Masalah	1
B. Rumusan Masalah.....	4
C. Batasan Masalah	4
D. Tujuan Penelitian	5
E. Manfaat Penelitian	5
BAB II TINJAUAN PUSTAKA.....	7
A. Landasan Teori.....	7
B. Penelitian Sebelumnya.....	16
BAB III METODE PENELITIAN.....	21
A. Waktu Penelitian.....	21
B. Metode Pengumpulan Data.....	21
C. Alat dan Bahan Penelitian.....	23
D. Konsep Penelitian	24
BAB IV HASIL DAN PEMBAHASAN	29

A. Identifikasi Endpoint API yang Diuji	29
B. Perancangan Skenario Pengujian.....	30
C. Hasil Pengujian Load Testing.....	32
D. Analisis Hasil Pengujian	104
E. Pembahasan.....	111
BAB V PENUTUP.....	115
A. Kesimpulan	115
B. Saran	115
DAFTAR PUSTAKA	
LAMPIRAN	



DAFTAR TABEL

Tabel 2. 1. Penelitian Sebelumnya	20
Tabel 4. 1. <i>Endpoint API</i> yang Diuji.....	29
Tabel 4. 2. Skenario Pengujian <i>Load Testing</i>	31
Tabel 4. 3. Konfigurasi Pengujian <i>Endpoint Login</i>	33
Tabel 4. 4. Konfigurasi Pengujian <i>Endpoint Register</i>	43
Tabel 4. 5. Konfigurasi Pengujian <i>Endpoint All User</i>	52
Tabel 4. 6. Konfigurasi Pengujian <i>Endpoint Logout</i>	60
Tabel 4. 7. Konfigurasi Pengujian <i>Endpoint Add Report Rubbish</i>	69
Tabel 4. 8. Konfigurasi Pengujian <i>Endpoint History</i>	78
Tabel 4. 9. Konfigurasi Pengujian <i>Endpoint Status</i>	87
Tabel 4. 10. Konfigurasi Pengujian <i>Endpoint Articles</i>	96
Tabel 4. 11. Hasil Pengujian <i>Response Time</i>	105
Tabel 4. 12. Hasil Pengujian <i>Throughput</i>	105
Tabel 4. 13. Hasil Pengujian <i>Error Request</i>	105

DAFTAR GAMBAR

Gambar 3. 1. Alur Penelitian.....	25
Gambar 3. 3. Alur Kerja <i>Load Testing</i>	27
Gambar 4. 1. <i>View Result in Table Endpoint Login</i> Skenario 1	35
Gambar 4. 2. <i>Summary Report Endpoint Login</i> Skenario 1.....	36
Gambar 4. 3. <i>View Result in Table Endpoint Login</i> Skenario 2	37
Gambar 4. 4. <i>Summary Report Endpoint Login</i> Skenario 2.....	38
Gambar 4. 5. <i>View Result in Table Endpoint Login</i> Skenario 3	39
Gambar 4. 6. <i>Summary Report Endpoint Login</i> Skenario 3.....	40
Gambar 4. 7. <i>View Result in Table Endpoint Login</i> Skenario 4	41
Gambar 4. 8. <i>Summary Report Endpoint Login</i> Skenario 4.....	42
Gambar 4. 9. <i>View Result in Table Endpoint Register</i> Skenario 1	44
Gambar 4. 10. <i>Summary Report Endpoint Register</i> Skenario 1.....	45
Gambar 4. 11. <i>View Result in Table Endpoint Register</i> Skenario 2	46
Gambar 4. 12. <i>Summary Report Endpoint Register</i> Skenario 2.....	47
Gambar 4. 13. <i>View Result in Table Endpoint Register</i> Skenario 3	48
Gambar 4. 14. <i>Summary Report Endpoint Register</i> Skenario 3.....	49
Gambar 4. 15. <i>View Result in Table Endpoint Register</i> Skenario 4	50
Gambar 4. 16. <i>Summary Report Endpoint Register</i> Skenario 4.....	51
Gambar 4. 17. <i>View Result in Table Endpoint All User</i> Skenario 1	53
Gambar 4. 18. <i>Summary Report Endpoint All User</i> Skenario 1.....	53
Gambar 4. 19. <i>View Result in Table Endpoint All User</i> Skenario 2	55
Gambar 4. 20. <i>Summary Report Endpoint All User</i> Skenario 2.....	55
Gambar 4. 21. <i>View Result in Table Endpoint All User</i> Skenario 3	57
Gambar 4. 22. <i>Summary Report Endpoint All User</i> Skenario 3.....	57
Gambar 4. 23. <i>View Result in Table Endpoint All User</i> Skenario 4	59
Gambar 4. 24. <i>Summary Report Endpoint All User</i> Skenario 4.....	59
Gambar 4. 25. <i>View Result in Table Endpoint Logout</i> Skenario 1	61
Gambar 4. 26. <i>Summary Report Endpoint Logout</i> Skenario 1.....	62
Gambar 4. 27. <i>View Result in Table Endpoint Logout</i> Skenario 2	63

Gambar 4. 28. <i>Summary Report Endpoint Logout</i> Skenario 2.....	64
Gambar 4. 29. <i>View Result in Table Endpoint Logout</i> scenario 3	65
Gambar 4. 30. <i>Summary Report Endpoint Logout</i> Skenario 3.....	66
Gambar 4. 31. <i>View Result in Table Endpoint Logout</i> Skenario 4	67
Gambar 4. 32. <i>Summary Report Endpoint Logout</i> Skenario 4.....	68
Gambar 4. 33. <i>View Result in Table Endpoint Add Report Rubbish</i> Skenario 1 ..	70
Gambar 4. 34. <i>Summary Report Endpoint Add Report Rubbish</i> Skenario 1.....	70
Gambar 4. 35. <i>View Result in Table Endpoint Add Report Rubbish</i> Skenario 2 ..	72
Gambar 4. 36. <i>Summary Report Endpoint Add Report Rubbish</i> Skenario 2.....	73
Gambar 4. 37. <i>View Result in Table Endpoint Add Report Rubbish</i> Skenario 3 ..	74
Gambar 4. 38. <i>Summary Report Endpoint Add Report Rubbish</i> Skenario 3.....	75
Gambar 4. 39. <i>View Result in Table Endpoint Add Report Rubbish</i> scenario 4 ...	76
Gambar 4. 40. <i>Summary Report Endpoint Add Report Rubbish</i> Skenario 4.....	77
Gambar 4. 41. <i>View Result in Table Endpoint History</i> skenario 1	79
Gambar 4. 42. <i>Summary Report Endpoint History</i> Skenario 1	79
Gambar 4. 43. <i>View Result in Table Endpoint History</i> Skenario 1.....	81
Gambar 4. 44. <i>Summary Report Endpoint History</i> Skenario 2.....	81
Gambar 4. 45. <i>Summary Report Endpoint History</i> Skenario 3.....	83
Gambar 4. 46. <i>Summary Report Endpoint History</i> Skenario 3.....	84
Gambar 4. 47. <i>Summary Report Endpoint History</i> Skenario 4.....	85
Gambar 4. 48. <i>Summary Report Endpoint History</i> Skenario 4.....	86
Gambar 4. 49. <i>View Result in Table Endpoint Status</i> Skenario 1	88
Gambar 4. 50. <i>Summary Report Endpoint Status</i> Skenario 1	88
Gambar 4. 51. <i>View Result in Table Endpoint Status</i> Skenario 2	90
Gambar 4. 52. <i>Summary Report Endpoint Status</i> Skenario 2	90
Gambar 4. 53. <i>View Result in Table Endpoint Status</i> Skenario 3.....	92
Gambar 4. 54. <i>Summary Report Endpoint Status</i> Skenario 3	93
Gambar 4. 55. <i>View Result in Table Endpoint Status</i> Skenario 4.....	94
Gambar 4. 56. <i>Summary Report Endpoint Status</i> Skenario 4	95
Gambar 4. 57. <i>View Result in Table Endpoint Articles</i> Skenario 1	97
Gambar 4. 58. <i>Summary Report Endpoint Articles</i> Skenario 1	97

Gambar 4. 59. <i>View Result in Table Endpoint Articles Skenario 2</i>	99
Gambar 4. 60. <i>Summary Report Endpoint Articles Skenario 2</i>	99
Gambar 4. 61. <i>View Result in Table Endpoint Articles Skenario 3</i>	101
Gambar 4. 62. <i>Summary Report Endpoint Articles Skenario 3</i>	102
Gambar 4. 63. <i>View Result in Table Endpoint Articles Skenario 4</i>	103
Gambar 4. 64. <i>Summary Report Endpoint Articles Skenario 4</i>	104



DAFTAR LAMPIRAN

Lampiran 1. Dashboard *Website Greenly*

Lampiran 2. Dokumentasi *Endpoint*

Lampiran 3. Cek Plagiasi

