

DAFTAR GAMBAR

Gambar 2. 1 Logo Firebase	15
Gambar 2. 2 Arsitektur Sistem Firebase.....	16
Gambar 2. 3 Metode Menulis Data ke Firebase	16
Gambar 2. 4 Callback Kejadian dalam Pengambilan Data Firebase.....	17
Gambar 2. 5 Digital Ocean	21
Gambar 2. 6 Apache JMeterTM	23
Gambar 3. 1 Arsitektur Sistem Diagram	27
Gambar 3. 2 Flowchart Pengerjaan Kubernetes Cluster (MicroK8s).....	28
Gambar 3. 3 Diagram Alir Monolitik.....	29
Gambar 3. 4 Diagram Tahapan Deployment MicroK8s.....	31
Gambar 3. 4 Flowchart Desain Sistem	33
Gambar 3. 5 Blok Diagram Penelitian.....	34
Gambar 4. 1 Home Website Peta Kebakaran	37
Gambar 4. 2 Dashboard Website Peta Kebakaran.....	37
Gambar 4. 3 Hits Per Second Server Monolitik	38
Gambar 4. 4 Latency Server Monolitik	38
Gambar 4. 5 Response Time Server Monolitik	39
Gambar 4. 6 Response Code Server Monolitik	39
Gambar 4. 7 CPU Usage Server Monolitik	39
Gambar 4. 8 Error Rate dan Throughput Server Monolitik	40
Gambar 4. 9 Hits Per Second Microcluster Kubernetes.....	40
Gambar 4. 10 Latency Microcluster Kubernetes.....	41
Gambar 4. 11 Response Time Microcluster Kubernetes.....	41
Gambar 4. 12 Response Code Microcluster Kubernetes.....	42
Gambar 4. 13 CPU Dashboard Microcluster Kubernetes.....	42
Gambar 4. 14 Error Rate dan Throughput Microcluster Kubernetes	42
Gambar 4. 15 Perbandingan Hits Per Second	43
Gambar 4. 17 Perbandingan Response Time	44
Gambar 4. 18 Perbandingan Response Code	45
Gambar 4. 19 Perbandingan CPU Usage	46

Gambar 4. 20 Perbandingan Error Rate	47
Gambar 4. 21 Perbandingan Throughput	47