

DAFTAR GAMBAR

Gambar II.1 Ikan Koi (<i>Cyprinus carpio</i>).....	8
Gambar II.2 Tahapan Metode <i>Prototype</i>	19
Gambar II.3 Langkah Model SARIMA	23
Gambar III.1 Model Konseptual	31
Gambar III.2 Sistematika penyelesaian masalah	32
Gambar IV.1 <i>Use Case Diagram</i>	38
Gambar IV.2 <i>Activity Diagram Register</i>	48
Gambar IV.3 <i>Activity Diagram Login</i>	49
Gambar IV.4 <i>Activity Diagram</i> Melihat Status Suhu Air	50
Gambar IV.5 <i>Activity Diagram</i> Melihat Status Suhu Ruangan	51
Gambar IV.6 <i>Activity Diagram</i> Melihat Status pH Air.....	52
Gambar IV.7 <i>Activity Diagram</i> Melihat Status TDS Air	53
Gambar IV.8 <i>Activity Diagram</i> Melihat Rangkuman Data Suhu, pH, dan TDS	54
Gambar IV.9 <i>Activity Diagram</i> Menerima <i>Report Data</i>	55
Gambar IV.10 <i>Activity Diagram</i> Melihat Data Prediksi Kualitas Air	56
Gambar IV.11 <i>Activity Diagram</i> Menerima Notifikasi Perubahan pH.....	57
Gambar IV.12 <i>Activity Diagram</i> Menerima Notifikasi Perubahan TDS	58
Gambar IV.13 <i>Class Diagram</i>	59
Gambar IV.14 <i>Sequence Diagram Register</i>	60
Gambar IV.15 <i>Sequence Diagram Login</i>	61
Gambar IV.16 <i>Sequence Diagram</i> Melihat Status Suhu Air	62
Gambar IV.17 <i>Sequence Diagram</i> Melihat Status Suhu Ruangan	63
Gambar IV.18 <i>Sequence Diagram</i> Melihat Status pH Air.....	64
Gambar IV.19 <i>Sequence Diagram</i> Melihat Status TDS Air	65
Gambar IV.20 <i>Sequence Diagram</i> Melihat Data Suhu, pH, TDS Air	66
Gambar IV.21 <i>Sequence Diagram</i> Menerima <i>Report Data</i>	67
Gambar IV.22 <i>Sequence Diagram</i> Melihat Data Prediksi Kualitas Air	68
Gambar IV.23 <i>Sequence Diagram</i> Menerima Notifikasi Perubahan pH.....	69
Gambar IV.24 <i>Sequence Diagram</i> Menerima Notifikasi Perubahan TDS	70
Gambar IV.25 <i>Deployment Diagram</i>	71
Gambar V.1 Tampilan Antarmuka <i>Dashboard</i> Utama	75

Gambar V.2 Tampilan Antarmuka <i>Device Monitoring</i>	76
Gambar V.3 Tampilan Antarmuka Data <i>Monitoring</i>	76
Gambar V.4 <i>Plot</i> Data Parameter pH Air dan TDS	77
Gambar V.5 <i>Plot</i> Data Suhu Air dan Suhu Ruangan	78
Gambar V.6 <i>Plot</i> ACF dan PACF pH Air.....	80
Gambar V.7 <i>Plot</i> ACF dan PACF TDS	80
Gambar V.8 <i>Plot</i> ACF dan PACF Suhu Air	81
Gambar V.9 <i>Plot</i> ACF dan PACF Suhu Ruangan	81
Gambar V.10 <i>Plot</i> Data Aktual vs Prediksi pH Air	83
Gambar V.11 <i>Plot</i> Data Aktual vs Prediksi TDS.....	83
Gambar V.12 <i>Plot</i> Data Aktual vs Prediksi Suhu Air.....	84
Gambar V.13 <i>Plot</i> Data Aktual vs Prediksi	84
Gambar V.14 <i>System Usability Average Score</i> per Responden.....	92