

DAFTAR ISI

| | |
|---|-------------------------------------|
| ABSTRAK..... | Error! Bookmark not defined. |
| ABSTRACT..... | Error! Bookmark not defined. |
| KATA PENGANTAR | Error! Bookmark not defined. |
| DAFTAR ISI..... | 1 |
| DAFTAR GAMBAR | Error! Bookmark not defined. |
| DAFTAR TABEL..... | Error! Bookmark not defined. |
| DAFTAR SIMBOL | Error! Bookmark not defined. |
| DAFTAR LAMPIRAN..... | Error! Bookmark not defined. |
| BAB 1 PENDAHULUAN | Error! Bookmark not defined. |
| 1.1 Latar Belakang Masalah..... | Error! Bookmark not defined. |
| 1.2 Identifikasi Masalah | Error! Bookmark not defined. |
| 1.3 Maksud dan Tujuan..... | Error! Bookmark not defined. |
| 1.3.1 Maksud..... | Error! Bookmark not defined. |
| 1.3.2 Tujuan | Error! Bookmark not defined. |
| 1.4 Batasan Masalah..... | Error! Bookmark not defined. |
| 1.5 Metodologi Penelitian | Error! Bookmark not defined. |
| 1.5.1 Metode Pengumpulan Data | Error! Bookmark not defined. |
| 1.5.2 Metode Pembangunan Perangkat Lunak..... | Error! Bookmark not defined. |
| 1.6 Sistematika Penulisan | Error! Bookmark not defined. |
| BAB 2 TINJAUAN PUSTAKA | Error! Bookmark not defined. |
| 2.1 Aplikasi | Error! Bookmark not defined. |
| 2.2. Wearable Device | Error! Bookmark not defined. |
| 2.3. Smartwatch..... | Error! Bookmark not defined. |
| 2.4. Mi Band 3..... | Error! Bookmark not defined. |
| 2.5. Android | Error! Bookmark not defined. |
| 2.6. Android SDK | Error! Bookmark not defined. |
| 2.7. Android Studio | Error! Bookmark not defined. |
| 2.7.1 Struktur Proyek..... | Error! Bookmark not defined. |
| 2.7.2. Antarmuka Pengguna..... | Error! Bookmark not defined. |

| | |
|--|-------------------------------------|
| 2.7.3. Jendela Alat | Error! Bookmark not defined. |
| 2.8. GPS | Error! Bookmark not defined. |
| 2.9. Bluetooth..... | Error! Bookmark not defined. |
| 2.10. Accelerometer | Error! Bookmark not defined. |
| 2.11. Vector Magnitude..... | Error! Bookmark not defined. |
| 2.12. Firebase | Error! Bookmark not defined. |
| 2.13. Java..... | Error! Bookmark not defined. |
| 2.14. Sensor..... | Error! Bookmark not defined. |
| 2.14.1 Fungsi SMS (Short Message Service)..... | Error! Bookmark not defined. |
| 2.15 Gerak Jatuh..... | Error! Bookmark not defined. |
| 2.16 Unified Modelling Language (UML) | Error! Bookmark not defined. |
| 2.16.1 Use Case Diagram..... | Error! Bookmark not defined. |
| 2.16.2 Activity Diagram..... | Error! Bookmark not defined. |
| 2.16.3. Class Diagram..... | Error! Bookmark not defined. |
| 2.17.4. Sequence Diagram | Error! Bookmark not defined. |
| BAB III ANALISIS DAN PERANCANGAN SISTEM | Error! Bookmark not defined. |
| 3.1 Analisis Sistem..... | Error! Bookmark not defined. |
| 3.1.1 Analisis Masalah..... | Error! Bookmark not defined. |
| 3.1.2 Analisis Arsitektur Sistem..... | Error! Bookmark not defined. |
| 3.1.3 Analisis Sistem yang dibangun..... | Error! Bookmark not defined. |
| 3.1.4 Analisis Deteksi Jatuh | Error! Bookmark not defined. |
| 3.1.5 Analisis Teknologi..... | Error! Bookmark not defined. |
| 3.1.5.1 Analisis Sensor Accelerometer..... | Error! Bookmark not defined. |
| 3.1.5.2 Analisis Pengambilan dan Pemanfaatan Mi Band 2:..... | Error! Bookmark not defined. |
| 3.1.5.3 Analisis Terjemahan Google Place API..... | Error! Bookmark not defined. |
| 3.1.6 Spesifikasi Kebutuhan Perangkat Lunak..... | Error! Bookmark not defined. |
| 3.1.7 Analisis Kebutuhan Non Fungsional | Error! Bookmark not defined. |
| 3.1.8 Analisis Kebutuhan Fungsional..... | Error! Bookmark not defined. |
| 3.1.8.1 Usecase Diagram | Error! Bookmark not defined. |
| 3.1.8.3 Activity Diagram | Error! Bookmark not defined. |

| | | | |
|--|---|-------|-------------------------------------|
| 3.1.8.4 | Sequence Diagram | ..... | Error! Bookmark not defined. |
| 3.1.8.5 | Kamus Data | ..... | Error! Bookmark not defined. |
| 3.1.8.6 | Skema Relasi | ..... | Error! Bookmark not defined. |
| 3.1.8.7 | Struktur Tabel | ..... | Error! Bookmark not defined. |
| 3.1.8.8 | Tabel Smartphone | ..... | Error! Bookmark not defined. |
| 3.1.8.9 | Tabel Lokasi | ..... | Error! Bookmark not defined. |
| 3.1.8.10 | Tabel Pengguna | ..... | Error! Bookmark not defined. |
| 3.1.8.11 | Tabel Notifikasi | ..... | Error! Bookmark not defined. |
| 3.1.9 | Perancangan Prosedural | ..... | Error! Bookmark not defined. |
| 3.2 | Perancangan Antarmuka | ..... | Error! Bookmark not defined. |
| 3.2.1 | Perancangan Antarmuka Halaman Utama | | Error! Bookmark not defined. |
| 3.2.2 | Perancangan Antarmuka Mulai Deteksi Jatuh | | Error! Bookmark not defined. |
| 3.2.3 | Perancangan Antarmuka Mulai Cari Device | | Error! Bookmark not defined. |
| 3.2.4 | Perancangan Antarmuka Mulai Sambungkan Device | | Error! Bookmark not defined. |
| 3.2.5 | Perancangan Antarmuka Pop Up Mendeteksi Jatuh | | Error! Bookmark not defined. |
| 3.2.6 | Perancangan Antarmuka Pop Up Mendeteksi Ketinggalan | | Error! Bookmark not defined. |
| 3.2.7 | Perancangan Antarmuka Pengaturan | | Error! Bookmark not defined. |
| 3.2.8 | Tampilan Notifikasi Pesan Darurat Dan Lokasi Kehilangan Perangkat | | Error! Bookmark not defined. |
| 3.2.9 | Tampilan Tampil Titik Lokasi Kehilangan Perangkat | | Error! Bookmark not defined. |
| BAB 4 IMPLEMENTASI DAN PENGUJIAN SISTEM | | | |
| 4.1 | Implementasi Sistem | ..... | Error! Bookmark not defined. |
| 4.1.1 | Implementasi Perangkat Keras | ..... | Error! Bookmark not defined. |
| 4.1.2 | Implementasi Perangkat Lunak | ..... | Error! Bookmark not defined. |
| 4.1.3 | Implementasi Basis Data | ..... | Error! Bookmark not defined. |
| 4.1.4 | Implementasi Kelas | ..... | Error! Bookmark not defined. |
| 4.1.5 | Implementasi Antarmuka | ..... | Error! Bookmark not defined. |
| 4.2 | Pengujian Sistem | ..... | Error! Bookmark not defined. |

| | |
|--|-------------------------------------|
| 4.2.1 Rencana Pengujian | Error! Bookmark not defined. |
| 4.2.2 Kasus dan Hasil Pengujian <i>Alpha</i> | Error! Bookmark not defined. |
| 4.2.2.1 Pengujian Fitur Deteksi Jatuh | Error! Bookmark not defined. |
| 4.2.2.2 Pengujian Hubungkan Perangkat | Error! Bookmark not defined. |
| 4.2.2.3 Pengujian Lokasi Kehilangan Terakhir | Error! Bookmark not defined. |
| 4.2.3 Kesimpulan Hasil Uji <i>Alpha</i> | Error! Bookmark not defined. |
| 4.2.4 Pengujian Beta | Error! Bookmark not defined. |
| 4.2.4.1 Data Kuesioner | Error! Bookmark not defined. |
| 4.2.4.2 Daftar Pertanyaan Kuesioner | Error! Bookmark not defined. |
| 4.2.5 Kesimpulan Pengujian Beta..... | Error! Bookmark not defined. |
| BAB 5 KESIMPULAN DAN SARAN | Error! Bookmark not defined. |
| 5.1 Kesimpulan | Error! Bookmark not defined. |
| 5.2 Saran..... | Error! Bookmark not defined. |
| Daftar Pustaka..... | Error! Bookmark not defined. |

