

## DAFTAR ISI

|   |             |
|---|-------------|
| <b>LEMBAR PENGESAHAN .....</b>              | <b>i</b>    |
| <b>LEMBAR PERNYATAAN ORISINALITAS .....</b> | <b>ii</b>   |
| <b>IDENTITAS BUKU.....</b>                  | <b>iii</b>  |
| <b>ABSTRAK.....</b>                         | <b>iv</b>   |
| <b>ABSTRACT .....</b>                       | <b>v</b>    |
| <b>KATA PENGANTAR .....</b>                 | <b>vi</b>   |
| <b>UCAPAN TERIMA KASIH.....</b>             | <b>vii</b>  |
| <b>DAFTAR ISI .....</b>                     | <b>viii</b> |
| <b>DAFTAR GAMBAR .....</b>                  | <b>x</b>    |
| <b>DAFTAR TABEL.....</b>                    | <b>xi</b>   |
| <b>DAFTAR ISTILAH.....</b>                  | <b>xii</b>  |
| <b>DAFTAR SINGKATAN .....</b>               | <b>xiv</b>  |
| <b>BAB I PENDAHULUAN .....</b>              | <b>1</b>    |
| 1.1 Latar Belakang.....                     | 1           |
| 1.2 Tujuan dan Manfaat .....                | 2           |
| 1.3 Rumusan Masalah.....                    | 2           |
| 1.4 Batasan Masalah .....                   | 2           |
| 1.5 Metodologi.....                         | 2           |
| 1.6 Sistematika Penulisan .....             | 3           |
| <b>BAB II DASAR TEORI .....</b>             | <b>5</b>    |
| 2.1 <i>Website</i> .....                    | 5           |
| 2.2 HTML (Hyper Text Markup Language).....  | 5           |
| 2.3 PHP (Hypertext Preprocessor).....       | 5           |
| 2.4 JS (Java Script) .....                  | 6           |
| 2.5 Laravel .....                           | 6           |
| 2.6 Bootstrap.....                          | 6           |
| 2.7 Xampp.....                              | 6           |
| 2.8 Framework .....                         | 7           |

|   |            |
|---|------------|
| 2.9 MySQL .....                                       | 7          |
| 2.10 Fiber To The Home (FTTH).....                    | 7          |
| <b>BAB III PERANCANGAN.....</b>                       | <b>9</b>   |
| 3.1 Analisis .....                                    | 11         |
| 3.1.1 Alur Pasang Baru .....                          | 12         |
| 3.2 Design .....                                      | 13         |
| 3.2.1 Diagram Alir .....                              | 13         |
| 3.2.2 Blok Diagram Sistem .....                       | 14         |
| 3.2.3 Alur Perancangan .....                          | 15         |
| 3.2.4 Usecase Diagram.....                            | 16         |
| 3.2.5 Tabel Relasi Database .....                     | 18         |
| 3.3 <i>Design User Interface (UI)</i> .....           | 19         |
| 3.3.1 Halaman <i>Login Page</i> .....                 | 19         |
| 3.3.2 Halaman Dashboard .....                         | 20         |
| 3.3.3 Halaman Data Pelanggan dan Data Petugas.....    | 21         |
| 3.3.4 Halaman Data Petugas .....                      | 22         |
| 3.3.5 Halaman Inbox Petugas dan Validator.....        | 23         |
| 3.3.6 Halaman Validasi Petugas dan Validator .....    | 24         |
| 3.4 Validation .....                                  | 25         |
| <b>BAB IV HASIL DAN PENGUJIAN .....</b>               | <b>28</b>  |
| 4.1 Hasil.....  | 28         |
| 4.2 Analisis Jumlah Responden Kuesionar Pengguna..... | 35         |
| 4.3 Pengujian Pada System Website .....               | 35         |
| <b>BAB V KESIMPULAN DAN SARAN .....</b>               | <b>39</b>  |
| 5.1 Kesimpulan .....                                  | 39         |
| 5.2 Saran .....                                       | 39         |
| <b>DAFTAR PUSTAKA .....</b>                           | <b>40</b>  |
| <b>LAMPIRAN .....</b>                                 | <b>41</b>  |
| <b>LAMPIRAN A KODE PROGRAM.....</b>                   | <b>D-5</b> |
| <b>LAMPIRAN B SURAT REKOMENDASI.....</b>              | <b>D-5</b> |