

## DAFTAR ISI

---

|                                             |     |
|---------------------------------------------|-----|
| KATA PENGANTAR .....                        | i   |
| ABSTRAK .....                               | ii  |
| <i>ABSTRACT</i> .....                       | iii |
| DAFTAR ISI .....                            | iv  |
| DAFTAR GAMBAR .....                         | vii |
| DAFTAR TABEL .....                          | ix  |
| DAFTAR LAMPIRAN.....                        | xi  |
| BAB 1 PENDAHULUAN .....                     | 1   |
| 1.1 Latar Belakang .....                    | 1   |
| 1.2 Rumusan Masalah.....                    | 2   |
| 1.3 Tujuan .....                            | 3   |
| 1.4 Batasan Masalah.....                    | 3   |
| 1.5 Definisi Operasional.....               | 4   |
| 1.6 Metode Pengerjaan .....                 | 4   |
| 1.7 Jadwal Pengerjaan .....                 | 8   |
| BAB 2 LANDASAN TEORI .....                  | 9   |
| 2.1 PT Mandiri Pratama Putra .....          | 9   |
| 2.2 Properti .....                          | 9   |
| 2.3 Pemasaran .....                         | 9   |
| 2.4 Aplikasi Web .....                      | 10  |
| 2.5 PHP Hypertext Preprocessor (PHP) .....  | 11  |
| 2.5.1 Framework CodeIgniter.....            | 12  |
| 2.6 MySQL.....                              | 13  |
| 2.7 Hypertext Markup Language (HTML) .....  | 13  |
| 2.8 Cascading Style Sheet (CSS) .....       | 13  |
| 2.9 Entity Relationship Diagram (ERD) ..... | 14  |
| 2.10 XAMPP .....                            | 15  |
| 2.11 Flowmap .....                          | 15  |
| 2.12 Unified Modelling Language (UML) ..... | 16  |

|              |                                                           |           |
|--------------|-----------------------------------------------------------|-----------|
| 2.13         | Use Case Diagram .....                                    | 16        |
| 2.14         | Class Diagram.....                                        | 17        |
| 2.15         | Sequence Diagram .....                                    | 18        |
| 2.16         | Mockup .....                                              | 19        |
| 2.17         | Black Box Testing .....                                   | 20        |
| 2.18         | User Acceptance Test .....                                | 20        |
| <b>BAB 3</b> | <b>ANALISIS DAN PERANCANGAN.....</b>                      | <b>22</b> |
| 3.1          | Gambaran Sistem Saat Ini (atau Produk).....               | 22        |
| 3.1.1        | Flowmap Proses Bisnis (Sedang Berjalan/Existing) .....    | 22        |
| 3.1.2        | Analisis Proses Yang Berjalan (Kekurangan) .....          | 24        |
| 3.2          | Analisis Perbandingan Sistem .....                        | 25        |
| 3.3          | Analisis Kebutuhan Sistem (atau Produk).....              | 26        |
| 3.3.1        | Flowmap Usulan Buat Akun Pemilik Rumah.....               | 27        |
| 3.3.2        | Flowmap Usulan Pemasaran Rumah .....                      | 28        |
| 3.3.3        | Flowmap Usulan Tambah Marketing.....                      | 29        |
| 3.3.4        | Flowmap Usulan Kelola Data User/Marketing .....           | 30        |
| 3.3.5        | Flowmap Usulan Kelola Data Pemilik Rumah .....            | 31        |
| 3.3.6        | Flowmap Usulan Kelola Data Properti.....                  | 32        |
| 3.3.7        | Flowmap Usulan Kelola Data Over Kredit.....               | 33        |
| 3.3.8        | Flowmap Usulan Tambah Berita.....                         | 34        |
| 3.3.9        | Flowmap Usulan Kelola Berita .....                        | 35        |
| 3.3.10       | Flowmap Usulan Tambah Properti Pemilik Rumah .....        | 36        |
| 3.3.11       | Flowmap Usulan Kelola Data Over Kredit Pemilik Rumah..... | 37        |
| 3.4          | Perhitungan Kredit Kepemilik Rumah (KPR) .....            | 38        |
| 3.4.1        | Aturan Suku Bunga .....                                   | 38        |
| 3.5          | Analisis Kebutuhan Sistem (atau Produk).....              | 39        |
| 3.5.1        | Entity Relationship Diagram (ERD).....                    | 39        |
| 3.5.2        | Skema Relasi Antar Tabel.....                             | 41        |
| 3.5.3        | Struktur Tabel .....                                      | 41        |
| 3.6          | Kebutuhan Perangkat Keras dan Perangkat Lunak.....        | 46        |
| 3.6.1        | Pengembangan Sistem .....                                 | 46        |
| 3.6.1.1      | Kebutuhan Perangkat Keras .....                           | 46        |

|       |                                        |     |
|-------|----------------------------------------|-----|
| 3.7   | Use Case.....                          | 48  |
| 3.7.1 | Skenario Use Case.....                 | 50  |
| 3.8   | Class Diagram.....                     | 60  |
| 3.9   | Sequence Diagram .....                 | 60  |
| 3.10  | Mockups .....                          | 66  |
| BAB 4 | IMPLEMENTASI DAN PENGUJIAN.....        | 85  |
| 4.1   | Implementasi.....                      | 85  |
| 4.1.1 | <i>Marketing dan Super Admin</i> ..... | 85  |
| 4.1.2 | <i>Super Admin</i> .....               | 89  |
| 4.1.3 | Calon Pembeli.....                     | 91  |
| 4.1.4 | Pemilik Rumah .....                    | 92  |
| 4.2   | Pengujian .....                        | 94  |
| 4.2.1 | Pengujian User Acceptance Test .....   | 94  |
| 4.2.2 | Pengujian Test Case .....              | 100 |
| BAB 5 | PENUTUP .....                          | 103 |
| 5.1   | Kesimpulan .....                       | 103 |
| 5.2   | Saran .....                            | 103 |
|       | DAFTAR PUSTAKA .....                   | 104 |
|       | LAMPIRAN.....                          | 106 |