

# DAFTAR ISI

|   |           |
|---|-----------|
| LEMBAR PENGESAHAN.....  | III       |
| ABSTRACT .....  | V         |
| DAFTAR ISI .....  | VIII      |
| DAFTAR GAMBAR .....   | X         |
| DAFTAR TABEL .....  | XII       |
| DAFTAR ISTILAH.....   | XIII      |
| <b>1. PENDAHULUAN .....</b>   | <b>1</b>  |
| 1.1 LATAR BELAKANG.....   | 1         |
| 1.2 RUMUSAN MASALAH.....  | 1         |
| 1.3 TUJUAN .....  | 2         |
| 1.4 BATASAN MASALAH .....   | 2         |
| 1.5 METODOLOGI PENYELESAIAN MASALAH .....   | 2         |
| <b>2. LANDASAN TEORI .....</b>  | <b>4</b>  |
| 2.1 KOPERASI.....   | 4         |
| 2.2 UNIFIED MODELLING LANGUAGE (UML).....   | 4         |
| 2.2.1 Use Case Diagram.....   | 5         |
| 2.2.2 Class Diagram.....  | 5         |
| 2.2.3 Activity Diagram.....   | 5         |
| 2.2.4 Sequence Diagram.....   | 6         |
| 2.3 ENTITY RELATIONSHIP DIAGRAM (ERD).....  | 6         |
| <b>3. ANALISIS DAN PERANCANGAN SISTEM.....</b>  | <b>7</b>  |
| 3.1 ANALISIS SISTEM.....  | 7         |
| 3.1.1 Analisis Sistem Berjalan/Lama.....  | 7         |
| 3.1.2 Analisis Kekurangan Sistem .....  | 8         |
| 3.1.3 Analisis Kebutuhan Sistem .....   | 9         |
| 3.2 UNIFIED MODELLING LANGUAGE (UML).....   | 10        |
| 3.2.1 Use Case Diagram.....   | 10        |
| 3.2.2 Skenario Use Case.....  | 11        |
| 3.2.3 Class Diagram .....   | 15        |
| 3.2.4 Activity Diagram.....   | 17        |
| 3.2.5 Sequence Diagram.....   | 20        |
| 3.3 PERANCANGAN SISTEM .....  | 23        |
| 3.3.1 Entity Relationship Diagram (ERD) .....   | 23        |
| 3.3.2 Skema Relasi .....  | 23        |
| 3.3.3 Struktur Tabel .....  | 24        |
| 3.3.4 Pengkodean.....   | 26        |
| Pengkodean yang digunakan dalam “Aplikasi Simpan Pinjam KSU Sri Lestari<br>Udanawu” yaitu : ..... | 26        |
| 3.4 STRUKTUR MENU .....   | 28        |
| 3.4.1 Struktur Menu di Sisi Kepala Bagian Simpan Pinjam.....                                      | 28        |
| 3.4.2 Struktur Menu di Sisi Pegawai Simpan Pinjam.....  | 29        |
| <b>4. IMPLEMENTASI DAN PENGUJIAN SISTEM.....</b>  | <b>30</b> |
| 4.1 IMPLEMENTASI.....   | 30        |
| 4.1.1 Lingkungan Implementasi.....  | 30        |
| 4.1.2 Implementasi Antar Muka.....  | 31        |
| 4.2 PENGUJIAN .....   | 31        |
| 4.2.1 Pengujian Fungsionalitas.....   | 31        |

|                                      |           |
|--------------------------------------|-----------|
| 4.2.2 Pengujian Terhadap User.....   | 33        |
| <b>5. KESIMPULAN DAN SARAN .....</b> | <b>35</b> |
| 5.1 KESIMPULAN.....                  | 35        |
| 5.2 SARAN.....                       | 35        |