

## DAFTAR ISI

|                                                  |             |
|--------------------------------------------------|-------------|
| <b>HALAMAN JUDUL .....</b>                       | <b>i</b>    |
| <b>LEMBAR PENGESAHAN TUGAS AKHIR.....</b>        | <b>iii</b>  |
| <b>LEMBAR PENGESAHAN PENGUJI SIDANG .....</b>    | <b>iv</b>   |
| <b>LEMBAR PERNYATAAN KEASLIAN .....</b>          | <b>v</b>    |
| <b>ABSTRAK .....</b>                             | <b>vi</b>   |
| <b>KATA PENGANTAR .....</b>                      | <b>vii</b>  |
| <b>DAFTAR ISI.....</b>                           | <b>ix</b>   |
| <b>DAFTAR GAMBAR .....</b>                       | <b>xiii</b> |
| <b>DAFTAR TABEL.....</b>                         | <b>xv</b>   |
| <b>BAB I PENDAHULUAN .....</b>                   | <b>1</b>    |
| 1.1 Latar Belakang .....                         | 1           |
| 1.2 Identifikasi Masalah .....                   | 3           |
| 1.3 Tujuan Penelitian.....                       | 3           |
| 1.4 Batasan Masalah.....                         | 3           |
| 1.5 Manfaat Penelitian.....                      | 4           |
| 1.6 Metodologi .....                             | 4           |
| 1.7 Jadwal Perencanaan.....                      | 7           |
| <b>BAB II LANDASAN TEORI.....</b>                | <b>8</b>    |
| 2.1 Landasan Teori .....                         | 8           |
| 2.1.1. Sistem Pendukung Keputusan .....          | 8           |
| 2.1.1.1. Karakteristik SPK .....                 | 8           |
| 2.1.1.2. Komponen SPK .....                      | 9           |
| 2.1.1.3. Manfaat SPK (DSS).....                  | 11          |
| 2.1.2. Penilaian Kinerja Karyawan .....          | 12          |
| 2.1.2.1. Tujuan Penilaian Kinerja Karyawan ..... | 12          |
| 2.1.2.2. Proses Penilaian Kinerja .....          | 14          |
| 2.1.2.3. Sistem Penilaian Kinerja.....           | 14          |

|                                                                    |           |
|--------------------------------------------------------------------|-----------|
| 2.1.2.4. Masalah-masalah Dalam Penilaian Kinerja .....             | 15        |
| 2.1.3. Promosi.....                                                | 16        |
| 2.1.3.1. Syarat-syarat Promosi .....                               | 17        |
| 2.1.4. Gaji .....                                                  | 19        |
| 2.1.4.1. Faktor-faktor penting Dalam menetapkan gaji.....          | 19        |
| 2.1.5. Karyawan Tetap dan Karyawan Kontrak.....                    | 20        |
| 2.1.6. Metode <i>Analytical Hierachy Process</i> (AHP).....        | 21        |
| 2.1.6.1. Keuntungan AHP.....                                       | 22        |
| 2.1.6.2. Tahapan AHP .....                                         | 23        |
| 2.1.7. Definisi PHP .....                                          | 30        |
| 2.1.7.1. Cara Kerja PHP .....                                      | 31        |
| 2.1.8. <i>Jquery</i> .....                                         | 32        |
| 2.1.9. <i>Database</i> .....                                       | 32        |
| 2.1.9.1. <i>MySQL</i> .....                                        | 33        |
| 2.1.10. UML ( <i>Unified Modelling Language</i> ).....             | 33        |
| 2.1.10.1. Diagram UML .....                                        | 34        |
| 2.1.11. <i>Business Process Modeling Notation</i> (BPMN).....      | 41        |
| 2.1.12. HTTP/ <i>Web Server</i> .....                              | 42        |
| 2.2 Metodologi Perencanaan atau Pengembangan Sistem Informasi..... | 43        |
| 2.2.1. <i>Extreme Programming</i> (XP).....                        | 43        |
| <b>BAB III GAMBARAN UMUM DAN KERANGKA PEMIKIRAN.....</b>           | <b>44</b> |
| 3.1 Gambaran Umum Perusahaan .....                                 | 44        |
| 3.1.1 Struktur Organisasi .....                                    | 44        |
| 3.1.2 Aspek Penilaian Perusahaan .....                             | 45        |
| 3.2 Proses Bisnis .....                                            | 50        |
| 3.2.1 Contoh Form Penilaian .....                                  | 51        |
| 3.3 Analisa Masalah .....                                          | 56        |
| 3.4 Perhitungan dengan metode AHP.....                             | 58        |
| 3.5 Kriteria Saran Keputusan.....                                  | 62        |

|               |                                                            |           |
|---------------|------------------------------------------------------------|-----------|
| 3.6           | <i>Algoritma</i> Saran Keputusan.....                      | 65        |
| 3.6.1         | <i>Algoritma Decission</i> Karyawan kontrak.....           | 65        |
| 3.6.2         | <i>Algoritma Decission</i> Karyawan Tetap.....             | 66        |
| 3.7           | Kerangka Pemikiran .....                                   | 67        |
| <b>BAB IV</b> | <b>HASIL DAN PEMBAHASAN .....</b>                          | <b>69</b> |
| 4.1           | Rencana Solusi Pemecahan Masalah .....                     | 69        |
| 4.1.1         | <i>Use Case Diagram</i> .....                              | 69        |
| 4.1.2         | <i>Class Diagram</i> .....                                 | 72        |
| 4.1.3         | <i>Sequence Diagram</i> .....                              | 73        |
| 4.1.3.1       | <i>Sequence Diagram Login</i> .....                        | 73        |
| 4.1.3.2       | <i>Sequence Diagram HRD</i> .....                          | 74        |
| 4.1.4.3       | <i>Sequence Diagram Penilaian</i> .....                    | 78        |
| 4.1.4         | <i>Collaboration Diagram</i> .....                         | 79        |
| 4.1.5         | <i>State Machine Diagram</i> .....                         | 80        |
| 4.1.6         | <i>Activity Diagram</i> .....                              | 82        |
| 4.1.6.1       | <i>Activity Diagram HRD</i> .....                          | 82        |
| 4.1.6.2       | <i>Activity Diagram Manager</i> .....                      | 83        |
| 4.1.6.3       | <i>Activity Diagram Karyawan</i> .....                     | 84        |
| 4.1.7         | <i>Component Diagram</i> .....                             | 86        |
| 4.1.8         | <i>Deployment Diagram</i> .....                            | 84        |
| 4.2           | Gambaran Aplikasi.....                                     | 88        |
| 4.2.1         | Halaman Login Aplikasi.....                                | 85        |
| 4.2.2         | Tampilan Halaman <i>Login</i> Sebagai HRD .....            | 90        |
| 4.2.2.1       | Tampilan <i>Menu</i> Kriteria Dan Hitung Bobot .....       | 91        |
| 4.2.2.2       | Tampilan <i>Menu</i> SubKriteria .....                     | 94        |
| 4.2.2.3       | Tampilan <i>Menu</i> Saran Keputusan.....                  | 95        |
| 4.2.3         | Tampilan Halaman <i>Login</i> Sebagai <i>Manager</i> ..... | 96        |
| 4.2.4         | Tampilan Halaman View Laporan Penilaian.....               | 98        |

|                                        |           |
|----------------------------------------|-----------|
| <b>BAB V KESIMPULAN DAN SARAN.....</b> | <b>99</b> |
| 5.1 Kesimpulan.....                    | 99        |
| 5.2 Saran.....                         | 100       |
| <b>DAFTAR PUSTAKA</b>                  |           |
| <b>DAFTAR RIWAYAT HIDUP</b>            |           |
| <b>LAMPIRAN</b>                        |           |