

## DAFTAR ISI

|  |      |
|--|------|
| <b>LEMBAR PENGESAHAN TUGAS AKHIR</b> .....                                   | iii  |
| <b>LEMBAR PENGESAHAN PENGUJI SIDANG</b> .....                                | iv   |
| <b>LEMBAR PERNYATAAN KEASLIAN</b> .....                                      | v    |
| <b>KATA PENGANTAR</b> .....  | vi   |
| <b>ABSTRAK</b> .....   | viii |
| <b>DAFTAR ISI</b> .....  | ix   |
| <b>DAFTAR GAMBAR</b> .....   | xiii |
| <b>DAFTAR TABEL</b> .....  | xv   |
| <b>BAB I PENDAHULUAN</b> .....   | 1    |
| 1.1 Latar Belakang .....   | 1    |
| 1.2 Identifikasi Masalah .....   | 2    |
| 1.3 Tujuan Penelitian.....   | 2    |
| 1.4 Manfaat Penelitian.....  | 3    |
| 1.5 Batasan Masalah.....   | 3    |
| 1.6 Metodologi Penelitian .....  | 4    |
| 1.7 Sistematika Penulisan.....   | 6    |
| <b>BAB II LANDASAN TEORI</b> .....   | 7    |
| 2.1 Landasan Teori .....   | 7    |
| 2.1.1 Konsep <i>Quality Assurance</i> ( <i>QA</i> ).....                     | 7    |
| 2.1.2 Pengertian Manajemen Pengetahuan ( <i>Knowledge Management</i> ) ..... | 9    |
| 2.1.2.1 Pengertian Data, Informasi, Pengetahuan, Wisdom.....                 | 9    |
| 2.1.2.2 Jenis – jenis <i>Knowledge</i> .....                                 | 11   |
| 2.1.2.3 Konversi <i>Knowledge</i> .....                                      | 12   |
| 2.1.2.4 <i>Knowledge Management System</i> .....                             | 16   |
| 2.1.2.5 Manfaat <i>Knowledge Management</i> (KM) .....                       | 16   |
| 2.1.2.6 Tujuan <i>Knowledge Management</i> ( KM ) .....                      | 18   |
| 2.1.2.7 <i>Knowledge Management Cycle</i> .....                              | 18   |

|  |           |
|--|-----------|
| 2.1.1.8. <i>Acquisition Knowledge</i> .....                        | 20        |
| 2.1.1.8.1. Tahapan <i>Acquisition Knowledge</i> .....              | 21        |
| 2.1.3    Metode Perancangan Sistem .....                           | 22        |
| 2.1.3.1    Unified Modelling Language (UML) .....                  | 22        |
| 2.1.3.2    Macam – Macam Diagram UML.....                          | 22        |
| 2.1.3.2.1 <i>Use Case Diagram</i> .....                            | 22        |
| 2.1.3.2.2 <i>Class Diagram</i> .....                               | 24        |
| 2.1.3.2.3 <i>Sequence Diagram</i> .....                            | 26        |
| 2.1.3.2.4 <i>Activity Diagram</i> .....                            | 27        |
| <b>BAB III GAMBARAN UMUM PERUSAHAAN.....</b>                       | <b>29</b> |
| 3.1    Tempat Dan Pelaksanaan Penelitian .....                     | 29        |
| 3.2    Gambaran Umum Perusahaan .....                              | 29        |
| 3.3    Struktur Organisasi PT. Romance Bedding & Furniture .....   | 30        |
| 3.4    Gambaran Umum Departement <i>QA</i> .....                   | 31        |
| 3.5    Proses Bisnis Yang Berjalan.....                            | 31        |
| 3.5.1    Proses Bisnis – Pengendalian Dokumen Internal.....        | 31        |
| 3.5.1.1    Uraian Prosedur Permintaan Tambahan Dokumen .....       | 33        |
| 3.5.1.2    Uraian Prosedur Permintaan Revisi Dokumen.....          | 35        |
| 3.5.1.3    Uraian Prosedur Permintaan Pembatalan Dokumen .....     | 37        |
| 3.5.1.4    Uraian Prosedur Tinjauan Dokumen.....                   | 39        |
| 3.5.2    Proses Bisnis – Memo Perubahan System & Spesifikasi ..... | 40        |
| 3.5.3    Proses Bisnis – Lembar ketidak Sesuaian.....              | 41        |
| 3.6    Analisi Masalah Menggunakan Diagram Fishbone .....          | 44        |
| 3.7    Masalah Yang Dihadapi .....                                 | 44        |
| 3.8    Rencana Solusi Pemecahan Masalah.....                       | 47        |
| <b>BAB IV HASIL DAN PEMBAHASAN .....</b>                           | <b>48</b> |
| <b>4.1    Analisis Kebutuhan Perangkat Lunak.....</b>              | <b>49</b> |
| 4.1.1    Analisis Kebutuhan Fungsional .....                       | 49        |
| 4.1.2    Analisis Kebutuhan Non-Fungsional.....                    | 51        |

|           |   |    |
|-----------|---|----|
| 4.1.3     | <i>Use Case</i> .....   | 52 |
| 4.1.4     | Skenario Usecase.....   | 54 |
| 4.1.4.1   | Skenario Usecase Menu Login .....                                 | 54 |
| 4.1.4.2   | Skenario Usecase Menu Konsultasi.....                             | 54 |
| 4.1.4.3   | Skenario Usecase Menu Prosedur.....                               | 55 |
| 4.1.4.4   | Skenario Usecase Menu Job Description.....                        | 56 |
| 4.1.4.5   | Skenario Usecase Menu Pengendalian Dokumen.....                   | 57 |
| 4.1.4.6   | Skenario Usecase Menu Spesifikasi Produk.....                     | 59 |
| 4.1.4.7   | Skenario Usecase Menu LKS .....                                   | 60 |
| 4.1.4.8   | Skenario Usecase Menu MPSS.....                                   | 61 |
| 4.1.4.9   | Skenario Usecase Menu Report.....                                 | 61 |
| 4.2       | Perancangan <i>Knowledge Management System</i> .....              | 62 |
| 4.2.1     | Identifikasi.....   | 62 |
| 4.2.1.1   | Analisis Permasalahan (People, Process, & Technology).....        | 62 |
| 4.2.1.1.1 | People .....  | 62 |
| 4.2.1.1.2 | Process.....  | 63 |
| 4.2.1.1.3 | Technology .....  | 64 |
| 4.2.1.2   | Analisis Solusi Permasalahan (People, Process, & Technology)..... | 64 |
| 4.2.1.2.1 | Analisis Solusi dari segi People .....                            | 64 |
| 4.2.1.2.2 | Analisis Solusi dari segi Process.....                            | 65 |
| 4.2.1.2.3 | Analisis solusi dari segi Technology .....                        | 65 |
| 4.2.2     | Konseptualisasi.....  | 66 |
| 4.2.3     | Formalisasi .....   | 68 |
| 4.2.4     | Implementasi .....  | 72 |
| 4.2.4.1   | Perancangan Database (Class Diagram) .....                        | 72 |
| 4.2.4.2   | Perancangan proses.....   | 73 |
| 4.2.4.2.1 | Activity & Sequence Diagram Menu Konsultasi.....                  | 73 |
| 4.2.4.2.2 | Activity & Sequence Diagram Menu Prosedur.....                    | 75 |

|   |           |
|---|-----------|
| 4.2.4.2.3 Activity & Sequence Diagram Menu Pengendalian Dokumen ..... | 77        |
| 4.2.4.2.4 Activity & Sequence Diagram Menu Spesifikasi Produk .....   | 79        |
| 4.2.4.2.5 Activity & Sequence Diagram Menu MPSS.....                  | 81        |
| 4.2.4.2.6 Activity & Sequence Diagram LKS.....                        | 83        |
| 4.2.5 Pengujian.....  | 85        |
| 4.2.5.1 Login – User .....  | 85        |
| 4.2.5.2 Menu Dokumen – User.....                                      | 85        |
| 4.2.5.2.1 Menu Tambahan Dokumen – User .....                          | 86        |
| 4.2.5.3 Menu Konsultasi – User .....                                  | 86        |
| 4.2.5.4 Menu prosedur – User .....                                    | 87        |
| 4.2.5.5 Menu Job Description – User .....                             | 87        |
| 4.2.5.6 Menu Spesifikasi produk – User.....                           | 88        |
| 4.2.5.7 Menu MPSS – User .....  | 88        |
| 4.2.5.8 Menu LKS – User.....  | 89        |
| <b>BAB V KESIMPULAN DAN SARAN.....</b>                                | <b>90</b> |
| 5.1 Kesimpulan.....   | 90        |
| 5.2 Saran.....  | 90        |
| <b>DAFTAR PUSTAKA .....</b>   | <b>91</b> |
| <b>LAMPIRAN – LAMPIRAN .....</b>                                      | <b>L1</b> |
| <b>HALAMAN IDENTITAS PENYUSUN.....</b>                                | <b>L6</b> |
| <b>LAMPIRAN FOTO PENELITIAN .....</b>                                 | <b>L7</b> |