

## DAFTAR ISI

|  |      |
|--|------|
| LEMBAR PENGESAHAN .....                              | ii   |
| LEMBAR PERNYATAAN ORISINALITAS .....                 | iii  |
| LEMBAR PERSEMBAHAN .....                             | iv   |
| ABSTRAK .....  | v    |
| ABSTRACT .....                                       | vi   |
| KATA PENGANTAR .....                                 | vii  |
| DAFTAR ISI.....                                      | viii |
| DAFTAR LAMPIRAN.....                                 | xiii |
| DAFTAR GAMBAR DAN ILUSTRASI.....                     | xiv  |
| DAFTAR TABEL.....                                    | xvi  |
| BAB I PENDAHULUAN.....                               | 1    |
| I.1. Latar Belakang.....                             | 1    |
| I.2. Perumusan Masalah .....                         | 4    |
| I.3. Tujuan Penelitian .....                         | 5    |
| I.4. Batasan Penelitian.....                         | 5    |
| I.5. Manfaat Penelitian .....                        | 6    |
| I.6. Sistematika Penulisan .....                     | 6    |
| BAB II TINJAUAN PUSTAKA .....                        | 8    |
| II.1. <i>Enterprise Resource Planning</i> (ERP)..... | 8    |
| II.1.1. Definisi ERP .....                           | 8    |
| II.1.2. Manfaat ERP .....                            | 8    |
| II.1.3. <i>Market Share</i> ERP.....                 | 9    |
| II.1.4. Perbandingan <i>Software</i> ERP.....        | 9    |

|   |    |
|---|----|
| II.1.5. Pemilihan Metode Pengembangan ERP.....                                | 11 |
| II.2. <i>System Application &amp; Products in Data Processing (SAP)</i> ..... | 13 |
| II.2.1. Modul – Modul SAP .....   | 13 |
| II.2.2. <i>SAP Organizational Structure</i> .....                             | 14 |
| II.2.3. <i>Master Data</i> .....  | 15 |
| II.3. Metodologi <i>Accelerated SAP (ASAP)</i> .....                          | 16 |
| II.4. <i>Warehouse Management with WM</i> .....                               | 17 |
| II.4.1. <i>Warehouse Structure and Integration</i> .....                      | 18 |
| II.4.2. <i>Inbound Delivery</i> .....   | 19 |
| II.4.3. <i>Transfer Order</i> .....   | 20 |
| II.4.4. <i>Goods Issue</i> .....  | 21 |
| II.4.5. <i>Warehouse - Internal Process</i> .....                             | 22 |
| II.5 Pemodelan Pengembangan Aplikasi .....                                    | 23 |
| II.6 Analisis Gap dan Fit.....  | 24 |
| II.7 <i>Integration Testing</i> .....   | 25 |
| II.8 Penelitian Sebelumnya .....  | 27 |
| BAB III METODOLOGI PENELITIAN .....   | 29 |
| III.1. Model Konseptual.....  | 29 |
| III.2. Sistematika Penelitian.....  | 30 |
| III.2.1. <i>Project Preparation</i> .....                                     | 32 |
| III.2.2. <i>Blueprint</i> .....   | 32 |
| III.2.3. <i>Realization</i> .....   | 33 |
| BAB IV ANALISIS DAN PERANCANGAN .....   | 35 |
| IV.1. Pofil Perusahaan.....   | 35 |

|  |     |
|--|-----|
| IV.2. Tahap <i>Project Preparation</i> .....             | 36  |
| IV.2.1. <i>Project Planning</i> .....                    | 36  |
| IV.2.2. <i>Project Prosedure</i> .....                   | 37  |
| IV.2.3. <i>Training</i> .....                            | 38  |
| IV.2.4. <i>Project Kickoff</i> .....                     | 38  |
| IV.2.5. <i>Technical Requirements</i> .....              | 41  |
| IV.2.6. <i>Quality Check</i> .....                       | 41  |
| IV.3. Tahap <i>Blueprint</i> .....                       | 42  |
| IV.3.1. <i>Project Management</i> .....                  | 42  |
| IV.3.2. <i>Organizational Change Management</i> .....    | 42  |
| IV.3.3. <i>Training</i> .....                            | 43  |
| IV.3.4. <i>Develop System Environment</i> .....          | 43  |
| IV.3.5. <i>Organizational Structure Definition</i> ..... | 44  |
| IV.3.6. <i>Business Process Analysis</i> .....           | 45  |
| A. <i>Proses Bisnis Eksisting Gudang</i> .....           | 45  |
| B. <i>Form Eksisting Gudang</i> .....                    | 71  |
| C. <i>Analisis Gap dan Fit</i> .....                     | 73  |
| IV.3.7. <i>Business Process Definition</i> .....         | 80  |
| A. <i>Perancangan Proses Bisnis Gudang</i> .....         | 80  |
| B. <i>Desain Sistem SAP</i> .....                        | 112 |
| IV.3.8. <i>Quality Check</i> .....                       | 116 |
| BAB V <b>IMPLEMENTASI</b> .....                          | 117 |
| V.1. <i>Project Management</i> .....                     | 117 |
| V.2. <i>Organizational Change Management</i> .....       | 117 |

|  |     |
|--|-----|
| V.3. <i>Training</i> .....   | 118 |
| V.4. <i>Baseline Configuration and Confirmation</i> .....              | 118 |
| V.5. <i>System Management</i> .....                                    | 120 |
| V.6. <i>Final Configuration and Confirmation</i> .....                 | 120 |
| V.6.1. <i>General Settings</i> .....                                   | 120 |
| V.6.2. <i>Organizational Structure</i> .....                           | 123 |
| V.6.3. <i>Logistic Execution</i> .....                                 | 129 |
| A. <i>Mendefinisikan Control Parameters for Warehouse Number</i> ..... | 129 |
| B. <i>Mendefinisikan Number Ranges</i> .....                           | 130 |
| C. <i>Warehouse Settings</i> .....                                     | 131 |
| D. <i>Strategies</i> .....   | 136 |
| E. <i>Transfers</i> .....  | 145 |
| F. <i>Physical Inventory</i> .....                                     | 151 |
| G. <i>Planning and Monitoring</i> .....                                | 154 |
| H. <i>Interfaces</i> .....   | 158 |
| V.6.4. <i>Master Data</i> .....  | 164 |
| V.6.5. <i>Warehouse Process Cycle</i> .....                            | 165 |
| A. <i>Create Transfer Requirement</i> .....                            | 165 |
| B. <i>Create Transfer Order melalui TR</i> .....                       | 165 |
| C. <i>Confirm TO</i> .....   | 165 |
| D. <i>Block Bin</i> .....  | 165 |
| E. <i>Reports Empty Storage Bin</i> .....                              | 166 |
| F. <i>Bin Status Report</i> .....                                      | 166 |
| V.7. <i>Develop program</i> .....                                      | 166 |

|   |     |
|---|-----|
| V.8. <i>Final Integration Test</i> .....  | 166 |
| V.9. <i>Quality Check</i> .....           | 171 |
| BAB VI PENUTUP .....                      | 172 |
| VI.1 Kesimpulan .....                     | 172 |
| VI.2 Saran .....                          | 172 |
| DAFTAR PUSTAKA .....                      | 173 |
| LAMPIRAN.....                             | 176 |
| LAMPIRAN 1 Wawancara.....                 | 177 |
| LAMPIRAN 2 General Setting.....           | 179 |
| LAMPIRAN 3 Organizational Structure ..... | 186 |
| LAMPIRAN 4 Logistic Execution.....        | 203 |
| LAMPIRAN 5 Master Data .....              | 256 |
| LAMPIRAN 6 Warehouse Process Cycle .....  | 258 |
| LAMPIRAN 7 Develop Program.....           | 270 |