

## DAFTAR ISI

|                                  |       |
|----------------------------------|-------|
| HALAMAN SAMPUL .....             | i     |
| HALAMAN JUDUL.....               | ii    |
| HALAMAN PERSETUJUAN.....         | iii   |
| PENGESAHAN .....                 | iv    |
| HALAMAN KEASLIAN PENELITIAN..... | v     |
| HALAMAN MOTTO .....              | vi    |
| HALAMAN PERSEMBAHAN .....        | vii   |
| KATA PENGANTAR .....             | ix    |
| DAFTAR ISI.....                  | xi    |
| DAFTAR TABEL.....                | xiv   |
| DAFTAR GAMBAR .....              | xvi   |
| DAFTAR LAMPIRAN.....             | xxi   |
| INTISARI.....                    | xxii  |
| <i>ABSTRACT</i> .....            | xxiii |
| <b>BAB I PENDAHULUAN</b>         |       |
| A. Latar Belakang Masalah.....   | 1     |
| B. Rumusan Masalah .....         | 4     |
| C. Batasan Masalah.....          | 4     |
| D. Tujuan Penelitian .....       | 4     |
| E. Manfaat Penelitian .....      | 5     |
| 1. Manfaat Teoritik :.....       | 5     |
| 2. Manfaat Aplikatif .....       | 5     |
| <b>BAB II TINJAUAN PUSTAKA</b>   |       |
| A. Landasan Teori.....           | 6     |
| 1. Rancang .....                 | 6     |
| 2. Bangun.....                   | 6     |
| 3. Aplikasi .....                | 7     |

|                                    |  |    |
|------------------------------------|--|----|
| 4.                                 | Website .....                                | 7  |
| 5.                                 | Framework Code Igniter (CI).....             | 10 |
| 6.                                 | Metode MVC.....                              | 13 |
| 7.                                 | Web Service .....                            | 16 |
| 8.                                 | Application Programming Interface (API)..... | 17 |
| 9.                                 | Notepad ++ .....                             | 17 |
| 10.                                | HTML .....                                   | 18 |
| 11.                                | PHP .....                                    | 18 |
| 12.                                | MySQL .....                                  | 19 |
| 13.                                | XAMPP.....                                   | 20 |
| 14.                                | Basis Data DBMS dan RDMS.....                | 21 |
| 15.                                | UML (Unified Modeling Language) .....        | 25 |
| 16.                                | Black Box Testing .....                      | 31 |
| B.                                 | Penelitian Sebelumnya.....                   | 32 |
| <b>BAB III METODE PENELITIAN</b>   |  |    |
| A.                                 | Tempat Waktu Penelitian.....                 | 35 |
| B.                                 | Motode Pengumpulan Data.....                 | 35 |
| 1.                                 | Metode Observasi.....                        | 36 |
| 2.                                 | Metode Wawancara.....                        | 36 |
| 3.                                 | Metode Dokumentasi .....                     | 36 |
| 4.                                 | Teknik Studi Pustaka.....                    | 37 |
| C.                                 | Alat Dan Bahan Penelitian.....               | 38 |
| 1.                                 | Alat Penelitian .....                        | 38 |
| 2.                                 | Bahan Penelitian.....                        | 39 |
| D.                                 | Konsep Penelitian.....                       | 39 |
| 1.                                 | Kerangka Berpikir .....                      | 39 |
| 2.                                 | Metode Pengembangan Sistem .....             | 42 |
| <b>BAB IV HASIL DAN PEMBAHASAN</b> |  |    |
| A.                                 | Analisa Sistem.....                          | 47 |
| 1.                                 | Analisa Kebtuhan Perangkat Lunak .....       | 47 |
| 2.                                 | Desain.....                                  | 50 |

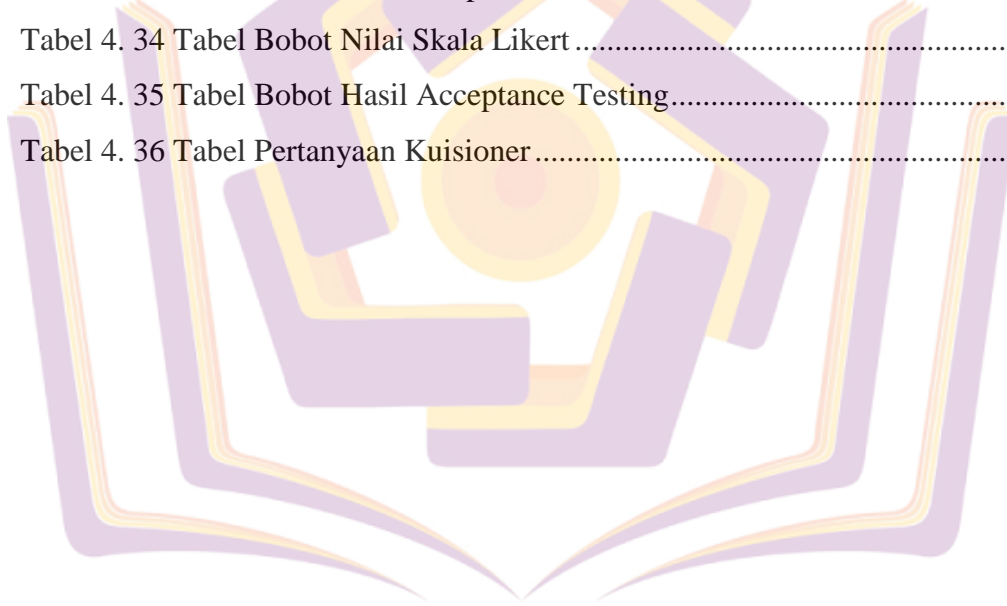
|                       |     |
|-----------------------|-----|
| 3. Pengkodean .....   | 119 |
| 4. Penguji.....       | 158 |
| <b>BAB V PENUTUP</b>  |     |
| A. Kesimpulan .....   | 173 |
| B. Saran.....         | 174 |
| <b>DAFTAR PUSTAKA</b> |     |
| <b>LAMPIRAN</b>       |     |



## DAFTAR TABEL

|  |     |
|--|-----|
| Tabel 1.1 Diagram Class .....                                | 26  |
| Tabel 2.1 Diagram Class (Lanjutan) .....                     | 27  |
| Tabel 2.3 Activity Diagram.....                              | 30  |
| Tabel 2.4 Activity Diagram (Lanjutan).....                   | 31  |
| Tabel 2.5 Tabel Peneliti Sebelumnya.....                     | 34  |
| Tabel 4. 1 Perancangan Table_Admin .....                     | 101 |
| Tabel 4. 2 Perancangan Tabel_Berita .....                    | 101 |
| Tabel 4. 3 Perancangan Tabel_Paket .....                     | 101 |
| Tabel 4. 4 Perancangan Tabel_Konfirmasi.....                 | 102 |
| Tabel 4. 5 Perancangan Tabel Metode_Pembayaran .....         | 102 |
| Tabel 4. 6 Perancangan Tabel_Order .....                     | 102 |
| Tabel 4. 7 Perancangan Tabel_order1 .....                    | 103 |
| Tabel 4. 8 Perancangan Tabel_Paket .....                     | 104 |
| Tabel 4. 9 Perancangan Tabel_Pembayaran .....                | 104 |
| Tabel 4. 10 Perancangan Tabel_Inbox.....                     | 104 |
| Tabel 4. 11 Perancangan Tabel_Pengunjung .....               | 105 |
| Tabel 4. 12 Perancangan Tabel_Wisata .....                   | 105 |
| Tabel 4. 13 Tabel Rencana Pengujian Fitur Aplikasi .....     | 158 |
| Tabel 4. 14 Tabel Pengujian Fitur Login Admin .....          | 160 |
| Tabel 4. 15 Tabel Pengujian Fitur Menu Admin .....           | 160 |
| Tabel 4. 16 Tabel Pengujian Fitur Menu Post.....             | 160 |
| Tabel 4. 17 Tabel Pengujian Fitur Menu Pengguna.....         | 161 |
| Tabel 4. 18 Tabel Pengujian Fitur Menu Bank .....            | 161 |
| Tabel 4. 19 Tabel Pengujian Fitur Menu Wisata .....          | 162 |
| Tabel 4. 20 Tabel Pengujian Fitur Menu Tour.....             | 162 |
| Tabel 4. 21 Tabel Pengujian Fitur Menu Order Tour .....      | 163 |
| Tabel 4. 22 Tabel Pengujian Fitur Menu Konfirmasi Tour ..... | 163 |

|  |     |
|--|-----|
| Tabel 4. 23 Tabel Pengujian Fitur Menu Order Wisata.....       | 163 |
| Tabel 4. 24 Tabel Pengujian Fitur Menu Konfirmasi Wisata ..... | 164 |
| Tabel 4. 25 Tabel Pengujian Fitur Menu Inbox .....             | 164 |
| Tabel 4. 26 Tabel Pengujian Fitur Menu Pengguna.....           | 165 |
| Tabel 4. 27 Tabel Pengujian Fitur Menu Profil .....            | 165 |
| Tabel 4. 28 Tabel Pengujian Fitur Menu Paket Wisata .....      | 165 |
| Tabel 4. 29 Tabel Pengujian Fitur Menu Paket Tour.....         | 166 |
| Tabel 4. 30 Tabel Pengujian Fitur Menu Konfirmasi .....        | 167 |
| Tabel 4. 31 Tabel Pengujian Fitur Menu Tips/Berita .....       | 167 |
| Tabel 4. 32 Tabel Pengujian Fitur Menu Hubungi Kami.....       | 167 |
| Tabel 4. 33 Tabel Nama-nama Responden .....                    | 168 |
| Tabel 4. 34 Tabel Bobot Nilai Skala Likert .....               | 169 |
| Tabel 4. 35 Tabel Bobot Hasil Acceptance Testing.....          | 169 |
| Tabel 4. 36 Tabel Pertanyaan Kuisisioner .....                 | 170 |



## DAFTAR GAMBAR

|   |    |
|---|----|
| Gambar 2. 1 Konsep MVC .....                                      | 16 |
| Gambar 2. 2 Desain Database Relasional .....                      | 25 |
| Gambar 3. 1 Bagian Kerangka Berpikir.....                         | 40 |
| Gambar 3. 2 Proses Metode Extreme Programming (XP).....           | 43 |
| Gambar 4. 1 Use Case Diagram .....                                | 51 |
| Gambar 4. 2 Sequence Diagram Login Admin.....                     | 52 |
| Gambar 4. 3 Sequence Kelola Data Pengguna .....                   | 53 |
| Gambar 4. 4 Sequence Post Artikel .....                           | 54 |
| Gambar 4. 5 Sequence Data Bank .....                              | 55 |
| Gambar 4. 6 Sequence Data Wisata.....                             | 56 |
| Gambar 4. 7 Sequence Data Tour .....                              | 57 |
| Gambar 4. 8 Sequence Order Tour .....                             | 58 |
| Gambar 4. 9 Sequence Data Konfirmasi Tour .....                   | 59 |
| Gambar 4. 10 Sequence Data Order Wisata.....                      | 60 |
| Gambar 4. 11 Sequence Data Konfirmasi Wisata.....                 | 61 |
| Gambar 4. 12 Sequence Data Inbox.....                             | 62 |
| Gambar 4. 13 Sequence Pesan Paket Wisata .....                    | 62 |
| Gambar 4. 14 Sequence Paket Tour .....                            | 63 |
| Gambar 4. 15 Sequence Konfirmasi Pembayaran Wisata .....          | 64 |
| Gambar 4. 16 Sequence Data Konfirmasi Pembayaran Paket Tour ..... | 64 |
| Gambar 4. 17 Activity Diagram Admin.....                          | 65 |
| Gambar 4. 18 Activity Diagram Tambah Data Pengguna .....          | 66 |
| Gambar 4. 19 Activity Diagram Edit Data Pengguna.....             | 67 |
| Gambar 4. 20 Activity Diagram Hapus Data Pengguna .....           | 68 |
| Gambar 4. 21 Activity Diagram Data Tambah Post .....              | 70 |
| Gambar 4. 22 Activity Diagram Edit Post .....                     | 71 |
| Gambar 4. 23 Activity Diagram Hapus Post.....                     | 72 |
| Gambar 4. 24 Activity Diagram Diagram Input .....                 | 73 |

|  |     |
|--|-----|
| Gambar 4. 25 Activity Diagram Edit Bank.....             | 75  |
| Gambar 4. 26 Activity Diagram Hapus Bank .....           | 76  |
| Gambar 4. 27 Activity Diagram Input Wisata .....         | 77  |
| Gambar 4. 28 Activity Diagram Edit Wisata .....          | 78  |
| Gambar 4. 29 Activity Diagram Hapus Wisata .....         | 79  |
| Gambar 4. 30 Activity Diagram Tambah Tour .....          | 81  |
| Gambar 4. 31 Activity Diagram Edit Tour .....            | 82  |
| Gambar 4. 32 Activity Diagram Hapus Tour .....           | 83  |
| Gambar 4. 33 Activity Diagram Ubah Order Tour .....      | 85  |
| Gambar 4. 34 Activity Diagram Hapus Order Tour .....     | 86  |
| Gambar 4. 35 Activity Diagram Konfirmasi Tour .....      | 87  |
| Gambar 4. 36 Activity Diagram Hapus Konfirmasi Tour..... | 89  |
| Gambar 4. 37 Activity Diagram Ubah Order Wisata.....     | 90  |
| Gambar 4. 38 Activity Diagram Hapus Order Wisata .....   | 91  |
| Gambar 4. 39 Activity Diagram Konfirmasi Wisata .....    | 93  |
| Gambar 4. 40 Activity Diagram Hapus Konfirmasi .....     | 94  |
| Gambar 4. 41 Activity Diagram Inbox .....                | 95  |
| Gambar 4. 42 Activity Diagram Paket Wisata.....          | 96  |
| Gambar 4. 43 Activity Diagram Paket Tour .....           | 97  |
| Gambar 4. 44 Activity Diagram Konfirmasi Wisata .....    | 98  |
| Gambar 4. 45 Activity Diagram Konfirmasi Tour .....      | 99  |
| Gambar 4. 46 Class Diagram .....                         | 100 |
| Gambar 4. 47 Antarmuka Form Login Admin.....             | 105 |
| Gambar 4. 48 Antarmuka Form Dashboard.....               | 106 |
| Gambar 4. 49 Antarmuka Form Menu Post .....              | 106 |
| Gambar 4. 50 Antarmuka Form Menu Pengguna .....          | 107 |
| Gambar 4. 51 Antarmuka Form Menu Bank .....              | 107 |
| Gambar 4. 52 Antarmuka Menu Wisata .....                 | 108 |
| Gambar 4. 53 Antarmuka Form Menu Tour .....              | 108 |
| Gambar 4. 54 Antarmuka Form Order Tour .....             | 109 |
| Gambar 4. 55 Antarmuka Form Menu Konfirmasi Tour.....    | 109 |

|  |     |
|--|-----|
| Gambar 4. 56 Antarmuka Form Menu Order Wisata .....            | 110 |
| Gambar 4. 57 Antarmuka Form Menu Konfirmasi Wisata .....       | 110 |
| Gambar 4. 58 Antarmuka Form Menu Inbox.....                    | 111 |
| Gambar 4. 59 Antarmuka Menu Beranda .....                      | 111 |
| Gambar 4. 60 Antarmuka Menu Profil .....                       | 112 |
| Gambar 4. 61 Antarmuka Menu Paket Wisata.....                  | 112 |
| Gambar 4. 62 Antarmuka Paket Wisata.....                       | 113 |
| Gambar 4. 63 Antarmuka Paket Wisata (Formulir Pemesanan) ..... | 113 |
| Gambar 4. 64 Antarmuka Paket Wisata (Metode Pembayaran) .....  | 114 |
| Gambar 4. 65 Antarmuka Paket Wisata (Cetak Kartu order) .....  | 114 |
| Gambar 4. 66 Antarmuka Paket Tour .....                        | 115 |
| Gambar 4. 67 Antarmuka Paket Tour (Pesn Sekarang) .....        | 115 |
| Gambar 4. 68 Antarmuka Paket Tour (Formulir Pemesanan) .....   | 116 |
| Gambar 4. 69 Antarmuka Paket Tour (Metode Pembayaran).....     | 116 |
| Gambar 4. 70 Antarmuka Paket Tour (Cetak Kartu Order).....     | 116 |
| Gambar 4. 71 Antarmuka Menu Konfirmasi Pembayaran.....         | 117 |
| Gambar 4. 72 Antarmuka Konfirmasi Pembayaran (Wisata) .....    | 117 |
| Gambar 4. 73 Antarmuka Konfirmasi Pembayaran (Tour) .....      | 118 |
| Gambar 4. 74 Antarmuka Berita/Artikel.....                     | 118 |
| Gambar 4. 75 Antarmuka Hubungi Kami .....                      | 119 |
| Gambar 4. 76 Tabel Admin.....                                  | 120 |
| Gambar 4. 77 Tabel Berita .....                                | 120 |
| Gambar 4. 78 Tabel Kategori Paket .....                        | 121 |
| Gambar 4. 79 Tabel Konfirmasi.....                             | 121 |
| Gambar 4. 80 Tabel Metode_Bayar .....                          | 122 |
| Gambar 4. 81 Tabel Order .....                                 | 122 |
| Gambar 4. 82 Tabel Order1 .....                                | 123 |
| Gambar 4. 83 Tabel Paket.....                                  | 124 |
| Gambar 4. 84 Tabel Pembayaran .....                            | 124 |
| Gambar 4. 85 Tabel Inbox .....                                 | 125 |
| Gambar 4. 86 Tabel Pengunjung.....                             | 125 |



|  |     |
|--|-----|
| Gambar 4. 87 Tabel Wisata.....                     | 126 |
| Gambar 4. 88 Form Login Admin .....                | 126 |
| Gambar 4. 89 Form Menu Admin.....                  | 127 |
| Gambar 4. 90 Form Menu Post.....                   | 128 |
| Gambar 4. 91 Form Tambah Post .....                | 128 |
| Gambar 4. 92 Form Edit Post.....                   | 129 |
| Gambar 4. 93 Form Hapus Post .....                 | 129 |
| Gambar 4. 94 Form Menu Pengguna .....              | 130 |
| Gambar 4. 95 Tambah Pengguna .....                 | 130 |
| Gambar 4. 96 Form Edit Pengguna.....               | 131 |
| Gambar 4. 97 Form Hapus Pengguna .....             | 131 |
| Gambar 4. 98 Form Menu Bank .....                  | 132 |
| Gambar 4. 99 Form Tambah Bank.....                 | 132 |
| Gambar 4. 100 Form Edit Bank .....                 | 133 |
| Gambar 4. 101 Form Hapus Bank.....                 | 133 |
| Gambar 4. 102 Form Menu Wisata.....                | 134 |
| Gambar 4. 103 Form Tambah Wisata .....             | 134 |
| Gambar 4. 104 Form Edit Wisata .....               | 135 |
| Gambar 4. 105 Form Hapus Wisata.....               | 135 |
| Gambar 4. 106 Form Menu Tour .....                 | 136 |
| Gambar 4. 107 Form Tambah Paket Tour .....         | 136 |
| Gambar 4. 108 Form Edit Tour.....                  | 137 |
| Gambar 4. 109 Form Hapus Tour .....                | 137 |
| Gambar 4. 110 Form Menu Order Tour.....            | 138 |
| Gambar 4. 111 Form Edit Order .....                | 138 |
| Gambar 4. 112 Form Hapus Order.....                | 139 |
| Gambar 4. 113 Form Menu Konfirmasi Pembayaran..... | 139 |
| Gambar 4. 114 Form lihat Pembayaran .....          | 140 |
| Gambar 4. 115 Form Hapus Konfirmasi.....           | 140 |
| Gambar 4. 116 Form Menu Order Wisata .....         | 141 |
| Gambar 4. 117 Form Edit Order .....                | 141 |

|   |     |
|---|-----|
| Gambar 4. 118 Form Hapus Order.....                     | 142 |
| Gambar 4. 119 Form Menu Konfirmasi Wisata.....          | 142 |
| Gambar 4. 120 Form Lihat Konfirmasi Pembayaran.....     | 143 |
| Gambar 4. 121 Form Hapus Konfirmasi.....                | 143 |
| Gambar 4. 122 Form Menu Inbox.....                      | 144 |
| Gambar 4. 123 Form Hapus Inbox.....                     | 144 |
| Gambar 4. 124 Form Menu Log Out .....                   | 145 |
| Gambar 4. 125 Antarmuka Form Menu Beranda .....         | 146 |
| Gambar 4. 126 Form Menu Paket Wisata.....               | 146 |
| Gambar 4. 127 Form Pesan Paket Wisata.....              | 147 |
| Gambar 4. 128 Form Formulir Pemesanan Paket Wisata..... | 148 |
| Gambar 4. 129 Form Metode Pembayaran Paket Wisata ..... | 149 |
| Gambar 4. 130 Form Cetak Kartu Order Wisata .....       | 149 |
| Gambar 4. 131 Form Menu Paket Tour .....                | 150 |
| Gambar 4. 132 Form Pesan Paket Tour .....               | 151 |
| Gambar 4. 133 Form Formulir Pemesanan Paket Tour .....  | 152 |
| Gambar 4. 134 Form Metode Pembayaran Paket Tour.....    | 153 |
| Gambar 4. 135 Form Cetak Kartu Order Paket Tour.....    | 153 |
| Gambar 4. 136 Form Menu Konfirmasi.....                 | 154 |
| Gambar 4. 137 Form Konfirmasi Paket Wisata.....         | 155 |
| Gambar 4. 138 Form Konfirmasi Tour .....                | 156 |
| Gambar 4. 139 Form Menu Tips dan Artikel.....           | 157 |
| Gambar 4. 140 Form Menu Hubungi Kami .....              | 157 |

## **DAFTAR LAMPIRAN**

Lampiran 1. Surat Balasan

Lampiran 2. Wawancara

Lampiran 3. Kuisisioner

Lampiran 4. Dokumentasi

Lampiran 5. Kode Program

