



UNIVERSITAS
MERCU BUANA

**Sistem Informasi Pelayanan Rawat Jalan Pada
Puskesmas Kecamatan Grogol – Petamburan
Menggunakan VB.NET**

Laporan Tugas Akhir

Oleh :

U N I Eka Ramadhani Afrilian

41808010024

PROGRAM STUDI SISTEM INFORMASI

FAKULTAS ILMU KOMPUTER

UNIVERSITAS MERCUBUANA

JAKARTA

2012



UNIVERSITAS
MERCU BUANA

**Sistem Informasi Pelayanan Rawat Jalan Pada
Puskesmas Kecamatan Grogol – Petamburan
Menggunakan VB.NET**

Laporan Tugas Akhir

Diajukan sebagai melengkapi salah satu syarat
Memperoleh Gelar Sarjana Sistem Informasi

Disusun oleh :

Eka Ramadhani Afrilian

41808010024

UNIVERSITAS
MERCU BUANA

PROGRAM STUDI SISTEM INFORMASI

FAKULTAS ILMU KOMPUTER

UNIVERSITAS MERCUBUANA

JAKARTA

2012

LEMBAR PERNYATAAN

Yang bertanda tangan dibawah ini :

Nama Mahasiswa : Eka Ramadhani Afrilian

NIM : 41808010024

Fakultas : Ilmu Komputer

Program Studi : Sistem Informasi

Judul : **Sistem Informasi Pelayanan Rawa Jalan Pada
Puskesmas Kecamatan Grogol – Petamburan
Menggunakan VB.NET**

Menyatakan bahwa Laporan Tugas Akhir saya adalah hasil dari penelitian yang dilakukan oleh saya sendiri dan bukan plagiat, kecuali kutipan-kutipan yang berasal dari sumber-sumber yang tercantum pada Daftar Pustaka. Apabila ternyata ditemukan didalam laporan Tugas Akhi saya terdapat unsur plagiat, maka saya siap untuk mendapatkan sanksi akademik yang terkait dengan hal tersebut.

Jakarta, 27 Agustus 2012



(Eka Ramadhani Afrilian)

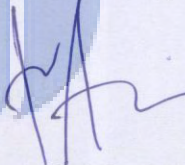
LEMBAR PENGESAHAN

Nama Mahasiswa : Eka Ramadhani Afrilian
NIM : 41808010024
Fakultas : Ilmu Komputer
Program Studi : Sistem Informasi
Judul : **Sistem Informasi Pelayanan Rawa Jalan Pada Puskesmas
Kecamatan Grogol – Petamburan Menggunakan VB.NET**

SKRIPSI INI TELAH DIPERIKSA DAN DISIDANGKAN

Jakarta, ²⁹ Agustus 2012

Menyetujui,
Pembimbing

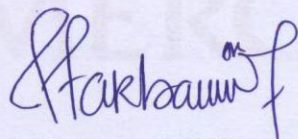


Nur Ani, ST., MMSI

MERCU BUANA

Mengetahui,

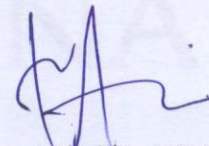
Kordinator Tugas Akhir



Anita Ratnasari, S.Kom., M.Kom.

Mengetahui,

Ka. Prodi Sistem Informasi



Nur Ani, ST., MMSI

KATA PENGANTAR

Puji dan Syukur kehadirat Allah SWT. Yang telah melimpahkan rahmat dan karunia-NYA, sehingga laporan tugas akhir penulis dapat terselesaikan tepat waktu. Sholawat serta salam tak lupa penulis haturkan kepada Nabi Muhammad SAW beserta keluarga, sahabat, dan para pengikutnya yang Insya Allah akan tetap istiqomah hingga akhir hari nanti.

Laporan tugas akhir yang berjudul **“Sistem Informasi Pelayanan Rawat Jalan Pada Puskesmas Kecamatan Grogol – Petamburan Menggunakan VB.NET”** ini dibuat untuk memenuhi persyaratan kelulusan pada program Strata Satu (S1) Program Studi Sistem Informasi - Universitas Mercu Buana.

Penulis menyadari sepenuhnya bahwa penyusunan skripsi ini masih banyak kekurangan dan keterbatasan. Namun demikian, penulis berusaha agar penyusunan skripsi ini tetap memenuhi syarat sebagai karya tulis yang bersifat ilmiah.

Selama melakukan penyusunan sampai selesainya skripsi ini, penulis banyak memperoleh saran, arahan dan bimbingan dari berbagai pihak. Maka pada kesempatan kali ini, penulis mengucapkan terima kasih kepada :

1. Dr. Ir. Arisetyanto Nugroho, MM selaku rektor dari Universitas Mercu Buana.
2. Ibu Nur Ani, ST.,MMSI, selaku dosen pembimbing sekaligus Kepala Program Studi Sistem Informasi yang telah memberikan bimbingan dan masukan sehingga penulis dapat menyelesaikan skripsi ini.
3. Ibu Anita Ratnasari, S.Kom., M.Kom, selaku Koordinator TA Program Studi Sistem Informasi.
4. Drs. Suprijanto selaku pembimbing pada Puskesmas Kecamatan Grogol-Petamburan

5. Para staf pada Puskesmas Kecamatan Grogol - Petamburan yang telah membantu penulis dalam melakukan riset.
6. Para Dosen dan Staf Universitas Mercu Buana yang tidak bisa penulis sebutkan satu per satu.
7. Kedua orang tua dan keluarga yang telah memberikan support dalam bentuk material maupun non material, sehingga penulis dapat bersemangat dalam penyusunan laporan ini.
8. Teman-teman dari Universitas Mercu Buana yang tidak dapat penulis sebutkan satu per satu yang telah mendukung dan membantu penulis dalam penyusunan Laporan ini. Sehingga penulis dapat menyelesaikan Laporan ini tepat waktu.

Akhir kata penulis berharap semoga Laporan skripsi ini dapat bermanfaat bagi penulis khususnya, dan bagi mahasiswa/i Universitas Mercu Buana pada umumnya.

Jakarta, Agustus 2012



UNIVERSITAS
MERCU BUANA

Penulis

Eka Ramadhani Afrilian

DAFTAR ISI

	Halama n
LEMBAR PERNYATAAN	i
LEMBAR PERSETUJUAN	ii
LEMBAR PENGESAHAN	iii
ABSTRAK	iv
ABSTRACT	v
KATA PENGANTAR	vi
DAFTAR ISI	vii
DAFTAR GAMBAR	viii
DAFTAR TABEL	ix
BAB I PENDAHULUAN	1
1.1. Latar Belakang	1
1.2. Perumusan Masalah	2
1.3. Batasan Masalah	3
1.4. Tujuan Penelitian	3
1.5. Manfaat Penelitian	3
1.6. Metodologi Penelitian	4
1.7. Sistematika Penelitian	6

BAB II LANDASAN TEORI

2.1. Sistem Informasi dan Sistem Informasi Manajemen	7
2.1.1. Pengertian Sistem	7
2.1.2. Pengertian Informasi	8
2.1.3. Pengertian Sistem Informasi	10
2.1.4. Pengertian Sistem Informasi Manajemen	11
2.2. Analisis dan Perancangan Sistem	11
2.2.1. Analisis Sistem	11
2.2.2. Perancangan Sistem	12
2.3. Metode Waterfal	12
2.4. Konsep Dasar Sistem Informasi Pelayanan Rawat Jalan Puskesmas	14
2.4.1. Pengertian Puskesmas	14
2.4.2. Pengertian Pelayanan	14
2.4.3. Pengertian Pelayanan Rawat Jalan	14
2.5. Basis Data	14
2.5.1. Pengertian Basis Data	14
2.5.2. Pengertian Database Manajemen Sistem (DBMS)	15
2.6. Konsep Dasar Sistem Berorientasi Objek dan Analisis Berorientasi Objek	15
2.6.1. Konsep Dasar Sistem Berorientasi Objek	15
2.6.2. <i>Unified Modeling Language</i> (UML)	18
2.7. Metode Pengujian	24

2.7.1. Metode Black Box	24
2.8. Perangkat Lunak Pendukung	25
2.8.1. Visual Basic.Net	25
2.8.2. Microsoft Access	27
BAB III ANALISA DAN PERANCANGAN	30
3.1. Tinjauan Organisasi	30
3.1.1. Profil Puskesmas Kecamatan Grogol – Petamburan	30
3.1.2. Visi dan Misi Puskesmas Kecamatan Grogol – Petamburan	31
3.1.3. Struktur Organisasi	31
3.1.4. Uraian Kerja dalam Struktur	32
3.2. Analisa Sistem Berjalan	36
3.2.1. Analisa Proses Berjalan	36
3.2.2. Use Case Proses Bisnis Sistem Berjalan	38
3.2.3. Use Case Sistem Usulan	42
3.2.4. Activity Diagram Usulan	46
3.2.5. Sequence Diagram Usulan	62
3.2.6. Class Diagram Usulan	78
3.2.7. Struktur Tabel Usulan	79
3.2.8. Struktur Tampilan Layar	85
3.2.9. Rancangan Layar	86

BAB IV IMPLEMENTASI DAN PENGUJIAN	101
4.1. Instalasi Software dan Hardware	101
4.2. Implementasi Basis Data dan Program	101
4.2.1. Implementasi Basis Data.....	102
4.2.2. Implementasi Program.....	110
4.3. Metode Pengujian	129
4.3.1. Skenario Pengujian	129
4.3.2. Analisis Pengujian	133
BAB IV PENUTUP	134
5.1. Kesimpulan	134
5.2. Saran	135

DAFTAR PUSTAKA

LISTING PROGRAM



DAFTAR GAMBAR

Halaman	
Gambar 2.1. Model Sistem.....	7
Gambar 2.2. Siklus Informasi	9
Gambar 2.3. Metode Waterfall	12
Gambar 2.4. Diagram Use Case	20
Gambar 2.5. Contoh Activity Diagram Pengiriman Obat	21
Gambar 2.6. Contoh Squence Diagram Pengiriman Resep Obat	22
Gambar 2.7. Contoh Diagram Class Administrasi Klinik	24
Gambar 2.8. NET Framework	26
Gambar 2.9. Jendela Microsoft Access	29
Gambar 3.1. Struktur Organisasi	31
Gambar 3.2. Use Case Sistem Berjalan	38
Gambar 3.3. Use Case Sistem Usulan	42
Gambar 3.4. Activity Diagram Input Data Pasien	46
Gambar 3.5. Activity Diagram Kelola Data Master – Input Data Dokter	47
Gambar 3.6. Activity Diagram Kelola Data Master – Input Data Tindakan	48
Gambar 3.7. Activity Diagram Kelola Data Master – Input Data Obat	49
Gambar 3.8. Activity Diagram Kelola Data Master – Input Data Penyakit	50

Gambar 3.9. Activity Diagram Kelola Data Master – Input Data Poli	51
Gambar 3.10. Activity Diagram Input Pendaftaran Pemeriksaan	52
Gambar 3.11. Activity Diagram Cetak Kartu Pasien	53
Gambar 3.12. Activity Diagram Cetak Laporan Kunjungan Pasien	54
Gambar 3.13. Activity Diagram Cetak Kwitansi Poli	55
Gambar 3.14. Activity Diagram Cetak Laporan Pendapatan	56
Gambar 3.15. Activity Diagram Cetak Input Pemeriksaan	57
Gambar 3.16. Activity Diagram Kwitansi Pemeriksaan	58
Gambar 3.17. Activity Diagram Cetak Resep	59
Gambar 3.18. Activity Diagram Cetak Surat Keterangan Sakit	60
Gambar 3.19. Activity Diagram Cetak Surat Keterangan Rujukan	61
Gambar 3.20. Squence Diagram Input Data Pasien	62
Gambar 3.21. Squence Diagram Kelola Data Master - Input Data Dokter	63
Gambar 3.22. Squence Diagram Kelola Data Master - Input Data Tindakan	64
Gambar 3.23. Squence Diagram Kelola Data Master - Input Data Obat	65
Gambar 3.24. Squence Diagram Kelola Data Master - Input Data Penyakit	66
Gambar 3.25. Squence Diagram Kelola Data Master - Input Data Poli	67
Gambar 3.26. Squence Diagram Input Pendaftaran Pemeriksaan	68
Gambar 3.27. Squence Diagram Cetak Kartu Pasien	69
Gambar 3.28. Squence Diagram Cetak Laporan Kunjungan Pasien	70
Gambar 3.29. Squence Diagram Cetak Kwitansi Poli	71

Gambar 3.30. Squence Diagram Laporan Pendapatan	72
Gambar 3.31. Squence Diagram Input Hasil Pemeriksaan	73
Gambar 3.32. Squence Diagram Cetak Kwitansi Pemeriksaan	74
Gambar 3.33. Squence Diagram Cetak Resep	75
Gambar 3.34. Squence Diagram Cetak Surat Keterangan Sakit	76
Gambar 3.35. Squence Diagram Cetak Surat Keterangan Rujukan	77
Gambar 3.36. Class Diagram Usulan	78
Gambar 3.37. Struktur Tampilan Layar	85
Gambar 3.38. Rancangan Layar Menu Utama	86
Gambar 3.39. Rancangan Layar Data Master	86
Gambar 3.40. Layar Input Data Pasien Baru	87
Gambar 3.41. Layar Kelola Data Master Input Data Dokter	87
Gambar 3.42. Layar Kelola Data Master – Input Data Tindakan	88
Gambar 3.43. Layar Kelola Data Master – Input Data Obat	88
Gambar 3.44. Layar Kelola Data Master – Input Data Penyakit	89
Gambar 3.45. Layar Kelola Data Master – Input Data Poli	89
Gambar 3.46. Rancangan Layar Menu Pendaftaran	90
Gambar 3.47. Rancangan Layar Input Pendaftaran Pemeriksaan	90
Gambar 3.48. Rancangan Layar Kartu Pasien	91
Gambar 3.49. Format Hasil Cetak Kartu Pasien	91
Gambar 3.50. Rancangan Layar Menu Pembayaran	92

Gambar 3.51. Rancangan Layar Cetak Kwitansi Poli.....	92
Gambar 3.52. Format Hasil Cetak Kwitansi Poli	93
Gambar 3.53. Rancangan Layar Menu Pemeriksaan	93
Gambar 3.54. Rancangan Layar Input Hasil Pemeriksaan	94
Gambar 3.55. Rancangan Layar Cetak Kwitansi Pemeriksaan	94
Gambar 3.56. Format Hasil Cetak Kwitansi Pemeriksaan	95
Gambar 3.57. Rancangan Hasil Layar Cetak Resep	95
Gambar 3.58. Format Hasil Cetak Resep	96
Gambar 3.59. Rancangan Layar Cetak Surat Keterangan Sakit	96
Gambar 3.60. Format Hasil Cetak Surat Keterangan Sakit	97
Gambar 3.61. Rancangan Layar Surat Keterangan Rujukan	97
Gambar 3.62. Format Hasil Cetak Surat Keterangan Rujukan	98
Gambar 3.63. Rancangan Layar Menu Laporan	98
Gambar 3.64. Rancangan Layar Cetak Laporan Kunjungan Pasien	99
Gambar 3.65. Format Hasil Cetak Laporan Kunjungan Pasien	99
Gambar 3.66. Rancangan Layar Cetak Laporan Pendapatan	100
Gambar 3.67. Format Hasil Cetak Laporan Pendapatan	100
Gambar 4.1. Implementasi Tabel Pasien	102
Gambar 4.2. Implementasi Tabel Dokter	102
Gambar 4.3. Implementasi Tabel Tindakan	103
Gambar 4.4. Implementasi Tabel Obat	103

Gambar 4.5. Implementasi Tabel Penyakit	104
Gambar 4.6. Implementasi Tabel Poli	104
Gambar 4.7. Implementasi Tabel Pendaftaran	105
Gambar 4.8. Implementasi Tabel Kwitansi.....	105
Gambar 4.9. Implementasi Tabel Pemeriksaan.....	106
Gambar 4.10. Implementasi Tabel Catat_tindakan.....	106
Gambar 4.11. Implementasi Tabel Diagnosis.....	107
Gambar 4.12. Implementasi Tabel Kwitansi_pmrksn	107
Gambar 4.13. Implementasi Tabel Resep	108
Gambar 4.14. Implementasi Tabel Catat_resep.....	108
Gambar 4.15. Implementasi Tabel Surat_sakit	109
Gambar 4.16. Implementasi Tabel Surat_rujuk.....	109
Gambar 4.17. Implementasi Menu Utama.....	110
Gambar 4.18. Implementasi Input data Pasien	111
Gambar 4.19. Implementasi Kelola Data Master – Input Data Dokter	112
Gambar 4.20. Implementasi Kelola Data Master – Input Data Tindakan	113
Gambar 4.21. Implementasi Kelola Data Master – Input Data Obat.....	114
Gambar 4.22. Implementasi Kelola Data Master – Input Data Penyakit	115
Gambar 4.23. Implementasi Kelola Data Master – Input Data Poli.....	116
Gambar 4.24. Implementasi Input Pendaftaran Pemeriksaan	117
Gambar 4.25. Implementasi Kartu Pasien.....	118

Gambar 4.26. Implementasi Cetak Kartu Pasien	119
Gambar 4.27. Implementasi Kwitansi Poli	120
Gambar 4.28. Implementasi Cetak Kwitansi Poli.....	121
Gambar 4.29. Implementasi Input Hasil Pemerksaa.....	122
Gambar 4.30. Implementasi Kwitansi Pemeriksaan	123
Gambar 4.31. Implementasi Resep.....	124
Gambar 4.32. Implementasi Surat Keterangan Sakit.....	125
Gambar 4.33. Implementasi Surat Keterangan Rujukan.....	126
Gambar 4.34. Implementasi Laporan Kunjungan Pasien	127
Gambar 4.35. Implementasi Cetak Laporan Kunjungan Pasien	127
Gambar 4.36. Implementasi Laporan Pendapatan.....	128
Gambar 4.37. Implementasi Cetak Laporan Pendapatan	128

DAFTAR TABEL

	Halaman
Tabel 2.1. Diagram dalam UML	18
Tabel 2.2. Simbol Use Case Diagram	19
Tabel 2.3. Simbol Activity Diagram	20
Tabel 2.4. Simbol Activity Diagram	21
Tabel 2.5. Simbol Activity Diagram	23
Tabel 2.6. Fungsi Tabs dalam Access	28
Tabel 3.1. Skenario Use Case Mendaftar	39
Tabel 3.2. Skenario Use Case Cek Data Pasien	39
Tabel 3.3. Skenario Use Case Menerima Kartu Pasien	39
Tabel 3.4. Skenario Use Case Pembayaran	39
Tabel 3.5. Skenario Use Case Mendapat Kwitansi Pendaftaran Poli	40
Tabel 3.6. Skenario Use Case Melakukan pemeriksaan	40
Tabel 3.7. Skenario Use Case Memberikan Kwitansi Pemeriksaan	40
Tabel 3.8. Skenario Use Case Memberikan Resep	40
Tabel 3.9. Skenario Use Case Surat Keterangan Sakit atau Rujukan	41
Tabel 3.10. Skenario Use Case Memberikan Obat	41
Tabel 3.11. Skenario Use Case Mendapat Obat	41

Tabel 3.12. Skenario Use Case Menerima Laporan.....	41
Tabel 3.13. Skenario Use Case Input Data Pasien Baru	43
Tabel 3.14. Skenario Use Case Kelola Data Master	43
Tabel 3.15. Skenario Use Case Input Pendaftaran Pemeriksaan	43
Tabel 3.16. Skenario Use Case Cetak Kartu Pasien	43
Tabel 3.17. Skenario Use Case Cetak Laporan Kunjungan Pasien.....	44
Tabel 3.18. Skenario Use Case Cetak Cetak Kwintansi	44
Tabel 3.19. Skenario Use Case Cetak Laporan Pendapatan.....	44
Tabel 3.20. Skenario Use Case Input Hasil Pemeriksaan	44
Tabel 3.21. Skenario Use Case Cetak Kwitansi Pemeriksaan	45
Tabel 3.22. Skenario Use Case Cetak Resep	45
Tabel 3.23. Skenario Use Case Cetak Surat Keterangan Sakit.....	45
Tabel 3.24. Skenario Use Case Cetak Surat Keterangan Rujukan	45
Tabel 3.25. Deskripsi Activity Diagram Input data Pasien	46
Tabel 3.26. Deskripsi Activity Diagram Kelola Data Master - Input Data Dokter	47
Tabel 3.27. Deskripsi Activity Diagram Kelola Data Master - Input Data Tindakan	48
Tabel 3.28. Deskripsi Activity Diagram Kelola Data Master - Input Data Obat	49
Tabel 3.29. Deskripsi Activity Diagram Kelola Data Master - Input Data Penyakit	50
Tabel 3.30. Deskripsi Activity Diagram Kelola Data Master - Input Data Poli.....	51
Tabel 3.31. Deskripsi Activity Diagram Input Pendaftaran Pemeriksaan	52
Tabel 3.32. Deskripsi Activity Diagram Cetak Kartu Pasien	53

Tabel 3.33. Deskripsi Activity Diagram Cetak Laporan Kunjungan Pasien.....	54
Tabel 3.34. Deskripsi Activity Diagram Cetak Kwitansi Poli.....	55
Tabel 3.35. Deskripsi Activity Diagram Cetak Laporan Pendapatan.....	56
Tabel 3.36. Deskripsi Activity Diagram Input Hasil Pemeriksaan.....	57
Tabel 3.37. Deskripsi Activity Diagram Cetak Kwitansi Pemeriksaan.....	58
Tabel 3.38. Deskripsi Activity Diagram Cetak Resep.....	59
Tabel 3.39. Deskripsi Activity Diagram Cetak Surat Keterangan Sakit.....	60
Tabel 3.40. Deskripsi Activity Diagram Cetak Surat Keterangan Rujukan.....	61
Tabel 3.41. Tabel Pasien.....	79
Tabel 3.42. Tabel Dokter.....	79
Tabel 3.43. Tabel Tindakan.....	80
Tabel 3.44. Tabel Catat_tindakan.....	80
Tabel 3.45. Tabel Obat.....	80
Tabel 3.46. Tabel Resep.....	80
Tabel 3.47. Tabel Catat_resep.....	81
Tabel 3.48. Tabel Penyakit.....	81
Tabel 3.49. Tabel Diagnosis.....	81
Tabel 3.50. Tabel Poli.....	82
Tabel 3.51. Tabel Pendaftaran.....	82
Tabel 3.52. Tabel Kwitansi.....	82
Tabel 3.53. Tabel Pemeriksaan.....	83

Tabel 3.54. Tabel Kwitansi_pmrksn.....	83
Tabel 3.55. Tabel Surat_sakit.....	83
Tabel 3.56. Tabel Surat_rujuk.....	84
Tabel 4.1. Tabel Skenario Pengujian Sistem Pelayanan Rawat Jalan Pada Puskesmas Kecamatan – Grogol Petamburan.....	130



Listing Program

Koneksi

```
Imports System.Data.Odbc
Imports System.Data
Module Koneksi
    Public strConn As String =
        "Provider=Microsoft.Jet.OLEDB.4.0;Data
        Source=" & Application.StartupPath
        & "\Rawat_jalan.mdb;"
    Public Sub HarusAngka(ByVal e As
        KeyPressEventArgs)
```

```
    Dim keyascii As Integer
```

```
    keyascii = Asc(e.KeyChar)
```

```
    Select Case keyascii
```

```
        Case 48 To 57, 8, 13
```

```
        Case Else
```

```
            keyascii = 0
```

```
    End Select
```

```
    If keyascii = 0 Then
```

```
        e.Handled = True
```

```
    Else
```

```
        e.Handled = False
```

```
    End If
```

```
End Sub
```

```
Public Sub HarusHuruf(ByVal e As
    KeyPressEventArgs)
```

```
    Dim keyascii As Integer
```

```
    keyascii = Asc(e.KeyChar)
```

```
    Select Case keyascii
```

```
        Case 65 To 90, 97 To 122, 32,
        8, 32, 13
```

```
        Case Else
```

```
            keyascii = 0
```

```
    End Select
```

```
    If keyascii = 0 Then
```

```
        e.Handled = True
```

```
    Else
```

```
        e.Handled = False
```

```
    End If
```

```
End Sub
```

```
End Module
```

Menu Utama

```
Public Class FrmMenuUtama
```

```
    Private Sub
        InputDataPasienuItem_Click(ByVal sender As System.Object,
        ByVal e As System.EventArgs) Handles
        InputDataPasienuItem.Click
```

```
        FrmInputDataPasienuItem.Show()
```

```
    End Sub
```

```
    Private Sub
        KeluarToolStripMenuItem1_Click(ByVal
        sender As System.Object, ByVal e As
        System.EventArgs) Handles
        KeluarToolStripMenuItem1.Click
```

```
        If MsgBox("Anda yakin ingin
        keluar ?", MsgBoxStyle.YesNo) =
        MsgBoxResult.Yes Then
```

```
            Me.Close()
```

```
        End If
```

```
    End Sub
```

```
    Private Sub
        InputPendaftaranPemeriksaanToolStripM
        enuItem_Click(ByVal sender As
        System.Object, ByVal e As
        System.EventArgs) Handles
        InputPendaftaranPemeriksaanToolStripM
        enuItem.Click
```

```
        FrmInputPendaftaranPemeriksaan.Show()
```

```
    End Sub
```

```

Private Sub
InputToolStripMenuItem_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
InputToolStripMenuItem.Click

    FrmInputDokter.Show()

End Sub

Private Sub
InputDataTindakanToolStripMenuItem_Cl
ick(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles
InputDataTindakanToolStripMenuItem.Cl
ick

    FrmInputTindakan.Show()

End Sub

Private Sub
InputDataObatToolStripMenuItem_Click(
ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles
InputDataObatToolStripMenuItem.Click

    FrmInputObat.Show()

End Sub

Private Sub
InputDataPenyakitToolStripMenuItem_Cl
ick(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles
InputDataPenyakitToolStripMenuItem.Cl
ick

    FrmInputPenyakit.Show()

End Sub

Private Sub
InputDataPoliToolStripMenuItem_Click(
ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles
InputDataPoliToolStripMenuItem.Click

    FrmInputPoli.Show()

End Sub

Private Sub
KartuPasienToolStripMenuItem_Click(By
Val sender As System.Object, ByVal e
As System.EventArgs) Handles
KartuPasienToolStripMenuItem.Click

    FrmCetakKartuPasien.Show()

End Sub

Private Sub
InputHasilPemeriksaanToolStripMenuIte
m_Click(ByVal sender As
System.Object, ByVal e As
System.EventArgs) Handles
InputHasilPemeriksaanToolStripMenuIte
m.Click

    FrmInputHasilPemeriksaan.Show()

End Sub

Private Sub
KwitansiToolStripMenuItem_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
KwitansiToolStripMenuItem.Click

    FrmKwitansi.Show()

End Sub

Private Sub
ResepToolStripMenuItem_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
ResepToolStripMenuItem.Click

    FrmCetakResep.Show()

End Sub

Private Sub
SuratKeteranganSakitToolStripMenuItem
1_Click(ByVal sender As
System.Object, ByVal e As
System.EventArgs) Handles
SuratKeteranganSakitToolStripMenuItem
1.Click

    FrmCetakSuratKeteranganSakit.Show()

End Sub

Private Sub
SuratKeteranganRujukanToolStripMenuIt
em_Click(ByVal sender As
System.Object, ByVal e As
System.EventArgs) Handles
SuratKeteranganRujukanToolStripMenuIt
em.Click

    FrmSuratKeteranganRujukan.Show()

End Sub

Private Sub
LaporanKunjunganPasienToolStripMenuIt
em_Click(ByVal sender As
System.Object, ByVal e As
System.EventArgs) Handles
LaporanKunjunganPasienToolStripMenuIt
em.Click

    FrmLaporanKunjunganPasien.Show()

End Sub

Private Sub
LaporanPendapatanToolStripMenuItem_Cl
ick(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles
LaporanPendapatanToolStripMenuItem.Cl
ick

    FrmLaporanPendapatan.Show()

```

```

End Sub

Private Sub
CetakKwitansiPemeriksaanToolStripMenu
Item_Click(ByVal sender As
System.Object, ByVal e As
System.EventArgs) Handles
CetakKwitansiPemeriksaanToolStripMenu
Item.Click

    FrmCetak_KWTPMKS.N.Show()

End Sub

End Class

```

Form Input Data Pasien

```

Imports System.Data.OleDb
Imports System.Data

Public Class FrmInputDataPasienBaru

    Dim cnn As OleDbConnection

    Dim cmmd As OleDbCommand

    Dim dreader As OleDbDataReader

    Private Sub
FrmInputDataPasienBaru_Load(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load

        'Buka koneksi

        cnn = New
OleDbConnection(strConn)

        If cnn.State <>
ConnectionState.Closed Then
cnn.Close()

        cnn.Open()

        Call Autonumber()

        Call bersih()

        Call Panjangdata()

        txtumurpsn.Enabled = False

End Sub

Private Sub
FrmInputDataPasienBaru_Activated(ByVa
l sender As Object, ByVal e As

```

```

System.EventArgs) Handles
Me.Activated

        txtidpsn.Enabled = False

        txtnmps.Focus()

End Sub

Private Sub Autonumber()

    Dim strTemp As String = ""

    Dim strValue As String = ""

    Dim sql As String

        sql = "SELECT * FROM Pasien ORDER
BY id_pasien DESC"

        cmmd = New OleDbCommand(sql, cnn)

        dreader = cmmd.ExecuteReader

        If dreader.Read Then

            strTemp =
Mid(dreader.Item("id_pasien"), 4, 5)

        Else

            txtidpsn.Text = "PSN00001"

            Exit Sub

        End If

        strValue = Val(strTemp) + 1

        txtidpsn.Text = "PSN" &
Mid("00000", 2, 5 - strValue.Length)
& strValue

        txtnmps.Focus()

End Sub

Private Sub bersih()

        txtnmps.Text = ""

        txtalmtpsn.Text = ""

        txttlppsn.Text = ""

        txttgllahirpsn.Text = ""

        txtjenkelpsn.Text = ""

        txtgoldrhpsn.Text = ""

        txtumurpsn.Text = ""

        txtnmps.Focus()

        btnsimpanpsn.Enabled = True

        btnubahpsn.Enabled = False

```



```

        btnhapuspsn.Enabled = False
    End Sub

    Private Sub Panjangdata()
        txtidpsn.MaxLength = 10
        txtnmpsn.MaxLength = 35
        txtalmtpsn.MaxLength = 40
        txttlppsn.MaxLength = 13
        txtjenkelpsn.MaxLength = 12
        txtumurpsn.MaxLength = 3
        txtgoldrpsn.MaxLength = 2
    End Sub

    Private Sub btnsimpanpsn_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnsimpanpsn.Click
        If MsgBox("Anda yakin data sudah sesuai dan akan disimpan???", MsgBoxStyle.YesNo) = MsgBoxResult.Yes Then
            Dim sql As String
            Dim strTemp As String = ""
            Dim strValue As String = ""

            'jika ada yang belum diisi
            If txtnmpsn.Text = "" Then
                MsgBox.Show("Nama Pasien Belum Diisi")
                txtnmpsn.Focus()
            End Sub

            ElseIf txtalmtpsn.Text = "" Then
                MsgBox.Show("Alamat Belum Diisi")
                txtalmtpsn.Focus()
            End Sub

            ElseIf txttlppsn.Text = "" Then
                MsgBox.Show("Telepon Belum Diisi")
                txttlppsn.Focus()
            End Sub

            ElseIf txtjenkelpsn.Text = "" Then
                MsgBox.Show("Jenis Kelamin belum dipilih")
                txtjenkelpsn.Focus()
            End Sub

            ElseIf IsNumeric(txttlppsn.Text) = False Then
                MsgBox.Show("Anda Harus Mengisi Telepon Dengan Angka!!")
                txttlppsn.Focus()
            End Sub

            ElseIf txttgllahirpsn.Text = "" Then
                MsgBox.Show("Tanggal Lahir belum diisi")
                txttgllahirpsn.Focus()
            End Sub

            ElseIf txtgoldrpsn.Text = "" Then
                MsgBox.Show("Gol Darah belum dipilih")
                txtgoldrpsn.Focus()
            End Sub

            ElseIf txtumurpsn.Text = "" Then
                MsgBox.Show("Gol Darah belum dipilih")
                txtumurpsn.Focus()
            End Sub

            Exit Sub
        End If

        'simpan

        sql = "INSERT INTO
        pasien(id_pasien, nm_pasien, almt_pasien, tlp_pasien, tgl_lahir, umur, jen_kel, gol_darah) " & _
        " VALUES(' " &
        txtidpsn.Text & "','" & txtnmpsn.Text & "','" & txtalmtpsn.Text & "','" &
        txttlppsn.Text & "','" &
        txttgllahirpsn.Text & "','" &
        txtumurpsn.Text & "','" &

```

```

txtjenkelpsn.Text & "','" &
txtgoldrhpsn.Text & "')"

        cmmd = New OleDbCommand(sql,
cnn)

        Dim x As Integer =
cmmd.ExecuteNonQuery

        If x = 1 Then

                MessageBox.Show("Berhasil
Menyimpan Data")

                Call bersih()

                Call Autonumber()

                txtidpsn.Enabled = False

        Else

                MessageBox.Show("Data
Gagal Disimpan")

        End If

    End If

End Sub

Private Sub btnubahpsn_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
btnubahpsn.Click

        If MsgBox("Anda Yakin Mengubah
data Ini???", MsgBoxStyle.YesNo) =
MsgBoxResult.Yes Then

                Dim sql As String

                'jika ada yang belum diisi

                If txtnmpsn.Text = "" Then

                        MessageBox.Show("Nama
Pasien Belum Diisi")

                        txtnmpsn.Focus()

                        Exit Sub

                ElseIf txtalmtpsn.Text = ""
Then

                        MessageBox.Show("Alamat
Belum Diisi")

                        txtalmtpsn.Focus()

                        Exit Sub

                ElseIf txttlppsn.Text = ""
Then

                        MessageBox.Show("Telepon
Belum Diisi")

                        txttlppsn.Focus()

                        Exit Sub

                ElseIf txtjenkelpsn.Text = ""
Then

                        MessageBox.Show("Jenis
Kelamin belum dipilih")

                        txtjenkelpsn.Focus()

                        Exit Sub

                ElseIf

IsNumeric(txttlppsn.Text) = False
Then

                        MessageBox.Show("Anda
Harus Mengisi Telepon Dengan
Angka!!")

                        txttlppsn.Focus()

                        Exit Sub

                ElseIf txttgllahirpsn.Text =
"" Then

                        MessageBox.Show("Tanggal
Lahir belum diisi")

                        txttgllahirpsn.Focus()

                ElseIf txtgoldrhpsn.Text = ""
Then

                        MessageBox.Show("Gol
Darah belum dipilih")

                        txtgoldrhpsn.Focus()

                        Exit Sub

                End If

                'ubah

                sql = "UPDATE pasien SET
nm_pasien='" & txtnmpsn.Text & "',
almt_pasien='" & txtalmtpsn.Text &
"', tlp_pasien='" & txttlppsn.Text &
"', tgl_lahir='" &
txttgllahirpsn.Text & "', jen_kel='"
& txtjenkelpsn.Text & "',
gol_darah='" & txtgoldrhpsn.Text &
"' & "where id_pasien ='" &
txtidpsn.Text & "'"

                cmmd = New OleDbCommand(sql,
cnn)

```

```

        Dim x As Integer =
cmmnd.ExecuteNonQuery

        If x = 1 Then

            MessageBox.Show("Berhasil
Mengubah Data")

            Call bersih()

            txtnmpsn.Focus()

            Call Autonumber()

        Else

            MessageBox.Show("Data
Gagal Diubah")

        End If

    End If

End Sub

Private Sub btnhapuspsn_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
btnhapuspsn.Click

    If MsgBox("Anda yakin akan
Menghapus data Ini???",
MsgBoxStyle.YesNo) = MsgBoxResult.Yes
Then

        Dim sql As String

        sql = "DELETE FROM Pasien
WHERE id_pasien=" & txtidpsn.Text &
""

        cnn = New OleDbCommand(sql,

        Dim x As Integer =
cmmnd.ExecuteNonQuery

        If x = 1 Then

            MessageBox.Show("Data
Telah Dihapus")

            Call bersih()

            Call Autonumber()

        Else

            MessageBox.Show("Data
Gagal Dihapus")

        End If

    End If

End Sub

Private Sub btncaripsn_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
btncaripsn.Click

    Dim findpasien As New FindPasien

    findpasien.ShowDialog()

    If findpasien.XNoPasien <> ""
Then

        txtidpsn.Text =
findpasien.XNoPasien

        txtnmpsn.Text =
findpasien.XNamaPasien

        txtalmtpsn.Text =
findpasien.XAlmtPasien

    End If

End Sub

Private Sub btncaripsn_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
btncaripsn.Click

    If MsgBox("Anda Yakin Membatalkan
ini???", MsgBoxStyle.YesNo) =
MsgBoxResult.Yes Then

        Call bersih()

        Call Autonumber()

        btnsimpanpsn.Enabled = True

    End If

End Sub

Private Sub btncaripsn_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
btncaripsn.Click

    Dim tgl_lhr, tgl As Integer

    tgl_lhr =
Mid(Format(txttggllahirpsn.Value,
"dd/mm/yyyy"), 7, 4)

    tgl = Mid(Format(Date.Now,
"dd/mm/yyyy"), 7, 4)

    txtumurpsn.Text = Cint(CStr(tgl -
tgl_lhr))

End Sub

Private Sub btncaripsn_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
btncaripsn.Click

    Dim tgl_lhr, tgl As Integer

    tgl_lhr =
Mid(Format(txttggllahirpsn.Value,
"dd/mm/yyyy"), 7, 4)

    tgl = Mid(Format(Date.Now,
"dd/mm/yyyy"), 7, 4)

    txtumurpsn.Text = Cint(CStr(tgl -
tgl_lhr))

End Sub

Private Sub btncaripsn_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
btncaripsn.Click

    Dim tgl_lhr, tgl As Integer

    tgl_lhr =
Mid(Format(txttggllahirpsn.Value,
"dd/mm/yyyy"), 7, 4)

    tgl = Mid(Format(Date.Now,
"dd/mm/yyyy"), 7, 4)

    txtumurpsn.Text = Cint(CStr(tgl -
tgl_lhr))

End Sub

```

```

        txttlppsn.Text =
findpasien.XTelpPasien

        txttgl_lahirpsn.Text =
findpasien.XTglLahirPasien

        txtjenkelpsn.Text =
findpasien.XJenkelPasien

        txtgoldr_hpsn.Text =
findpasien.XGolDarah

        txtumurpsn.Text =
findpasien.XUmur

        txtidpsn.Enabled = False

        txtnmpsn.Focus()

        btnsimpanpsn.Enabled = False

        btnubahpsn.Enabled = True

        btnhapuspsn.Enabled = True
    End If
End Sub

Private Sub btnkeluarpsn_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
btnkeluarpsn.Click

    If MsgBox("Anda yakin ingin
keluar ?", MsgBoxStyle.YesNo) =
MsgBoxResult.Yes Then

        Me.Close()

        FrmMenuUtama.Show()
    End If
End Sub
End Class

Find Pasien

Imports System.Data.OleDb

Imports System.Data

Public Class FindPasien

    Private Sub FindPasien_Load(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load

        Call list_data()

End Sub

End Sub

Public XNoPasien, XNamaPasien,
XAlmtPasien, XTelpPasien,
XTglLahirPasien, XJenkelPasien,
XGolDarah, XUmur As String

Dim cnn As OleDbConnection

Dim cmmd As OleDbCommand

Dim dReader As OleDbDataReader

Private Sub txtKey_TextChanged(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
txtKey.TextChanged

    Call list_data()

End Sub

Private Sub
ListView1_DoubleClick(ByVal sender As
Object, ByVal e As System.EventArgs)
Handles ListView1.DoubleClick

    Call pilih()

End Sub

Private Sub btnOK_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles btnOK.Click

    Call pilih()

End Sub

Public Sub list_data()

    Call clear_list()

    Dim sqlx As String

    Dim x As Integer

    sqlx = "select
id_pasien,nm_pasien,almt_pasien,
tlp_pasien, tgl_lahir, j_n_kel,
gol_darah, year(now())-
year(tgl_lahir) as umur from pasien
where nm_pasien like '%" &
Trim(txtKey.Text) & "%'order by
id_pasien asc"

    cnn = New
OleDbConnection(StrConn)

    If cnn.State <>
ConnectionState.Closed Then
cnn.Close()

```

```

cnn.Open()

cmmd = New OleDbCommand(sqlx,
cnn)

dReader = cmmd.ExecuteReader

Try
    While dReader.Read = True
        x = Val(counter.Text)

        counter.Text =
Str(Val(counter.Text) + 1)

        With ListView1
            .Items.Add("")

            .Items(ListView1.Items.Count -
1).SubItems.Add("")

            .Items(ListView1.Items.Count -
1).SubItems.Add("")

            .Items(ListView1.Items.Count -
1).SubItems.Add("")

            .Items(ListView1.Items.Count -
1).SubItems.Add("")

            .Items(ListView1.Items.Count -
1).SubItems.Add("")

            .Items(ListView1.Items.Count -
1).SubItems.Add("")

            .Items(ListView1.Items.Count -
1).SubItems.Add("")

            .Items(x).SubItems(0).Text =
dReader.GetString(0)

            .Items(x).SubItems(1).Text =
dReader.GetString(1)

            .Items(x).SubItems(2).Text =
dReader.GetString(2)

            .Items(x).SubItems(3).Text =
dReader.GetString(3)

            .Items(x).SubItems(4).Text =
Format(CDate(dReader.GetDateTime(4)),
"dd-MMMM-yyyy")

            .Items(x).SubItems(5).Text =
dReader.GetString(5)

            .Items(x).SubItems(6).Text =
dReader.GetString(6)

            .Items(x).SubItems(7).Text =
dReader.GetValue(7)

        End With
    End While
Finally
    dReader.Close()
End Try

cnn.Close()

End Sub

Private Sub pilih()
    Try
        XNoPasien =
ListView1.SelectedItems(0).SubItems(0)
.Text.ToString

        XNamaPasien =
ListView1.SelectedItems(0).SubItems(1)
.Text.ToString

        XAlmtPasien =
ListView1.SelectedItems(0).SubItems(2)
.Text.ToString

        XTelpPasien =
ListView1.SelectedItems(0).SubItems(3)
.Text.ToString

        XTglLahirPasien =
ListView1.SelectedItems(0).SubItems(4)
.Text.ToString

        XJenkelPasien =
ListView1.SelectedItems(0).SubItems(5)
.Text.ToString
    
```

```

        XGoldDarah =
        ListView1.SelectedItems(0).SubItems(6
        ).Text.ToString

        XUmur =
        ListView1.SelectedItems(0).SubItems(7
        ).Text.ToString

        Me.Close()

        Catch ex As Exception

        MsgBox("pilih salah satu
        data", MsgBoxStyle.Information)

        End Try

    End Sub

Private Sub clear_list()

    While Val(counter.Text) > 0

        ListView1.Items(0).Remove()

        counter.Text =
        Val(counter.Text) - 1

    End While

End Sub

End Class

```

```

        btncaripns.Focus()

    End Sub

Private Sub bersih()

    txtnodftar.Text = ""

    txtidpsn.Text = ""

    txtnmpsn.Text = ""

    txtjen_kelpsn.Text = ""

    txtgoldrhpsn.Text = ""

    txtumurpsn.Text = ""

    txtkdpoli.Text = ""

    txtnmpoli.Text = ""

    txtbiayapoli.Text = ""

    txtnodftar.Focus()

End Sub

Private Sub txtmati()

    txtnodftar.Enabled = False

    txttgldftar.Enabled = False

    txtidpsn.Enabled = False

    txtnmpsn.Enabled = False

    txtjen_kelpsn.Enabled = False

    txtgoldrhpsn.Enabled = False

    txtumurpsn.Enabled = False

    txtkdpoli.Enabled = False

    txtnmpoli.Enabled = False

    txtbiayapoli.Enabled = False

End Sub

Private Sub Autonumber()

    Dim strTemp As String = ""

    Dim strValue As String = ""

    Dim sql As String

        sql = "SELECT * FROM Pendaftaran
        ORDER BY no_daftar DESC"

        cmmd = New OleDbCommand(sql, cnn)

```

Form Input Pendaftaran Pemeriksaan

```

Imports System.Data.OleDb

Imports System.Data

Public Class
    FrmInputPendaftaranPemeriksaan

        Dim cnn As OleDbConnection

        Dim cmmd As OleDbCommand

        Dim dReader As OleDbDataReader

        Dim dReader1 As OleDbDataReader

        Dim sql As String

        Dim X As Integer

        Private Sub
        FrmInputPendaftaranPemeriksaan_Activa
        ted(ByVal sender As Object, ByVal e
        As System.EventArgs) Handles
        Me.Activated

```

```

dReader = cmmd.ExecuteReader

If dReader.Read Then

    strTemp =
Mid(dReader.Item("no_daftar"), 5, 5)

Else

    txtnodftar.Text = "DFTR0001"

Exit Sub

End If

strValue = Val(strTemp) + 1

txtnodftar.Text = "DFTR" &
Mid("00000", 3, 5 - strValue.Length)
& strValue

End Sub

Private Sub
FrmInputPendaftaranPemeriksaan_Load(B
yVal sender As System.Object, ByVal e
As System.EventArgs) Handles
 MyBase.Load

    btncaripns.Focus()

    Call txtmati()

    cnn = New
OleDbConnection(strConn)

    If cnn.State <>
ConnectionState.Closed Then
cnn.Close()

    cnn.Open()

    Call Autonumber()

    txttgldftar.Text = Date.Now

End Sub

Private Sub btnbataldftr_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
 btnbataldftr.Click

    If MsgBox("Anda yakin ingin
membatalkan ini???",
MsgBoxStyle.YesNo) = MsgBoxResult.Yes
Then

        Call bersih()

        Call txtmati()

        Call Autonumber()

    End If

End Sub

```

```

Private Sub btnsimpan_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
 btnsimpan.Click

    If txtidpsn.Text = "" Then

        MsgBox("Pilih dahulu Data
Pasien yang mendaftar")

        Exit Sub

        btncaripns.Focus()

    End If

    If txtkdpoli.Text = "" Then

        MsgBox("Pilih dahulu Data
poli yang dituju")

        Exit Sub

        btncaripoli.Focus()

    End If

    If MsgBox("Anda yakin data sudah
sesuai dan akan disimpan???",
MsgBoxStyle.YesNo) = MsgBoxResult.Yes
Then

        Dim sql As String

        Dim strTemp As String = ""

        Dim strValue As String = ""

        sql = "INSERT INTO
Pendaftaran (no_daftar, tgl_daftar,
id_pasien, kd_poli) " & _

            " VALUES('" &
txtnodftar.Text & "','" &
txttgldftar.Text & "','" &
txtidpsn.Text & "','" &
txtkdpoli.Text & "'"")"

        cmmd = New OleDbCommand(sql,
cnn)

        Dim x As Integer =
cmmd.ExecuteNonQuery

        If x = 1 Then

            MessageBox.Show("Berhasil
Menyimpan Data")

            Call bersih()

```

```

        Call Autonumber()
        Call txtmati()
        txtnodftar.Enabled =
False
    Else
        MessageBox.Show("Gagal
Menyimpan Data")
    End If

End If

End Sub

Private Sub btncaripol_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
btncaripol.Click

    Dim findpasien As New FindPasien

    findpasien.ShowDialog()

    If findpasien.XNoPasien <> ""
Then

        txtidpsn.Text =
findpasien.XNoPasien

        txtnmpsn.Text =
findpasien.XNamaPasien

        txtjen_kelpsn.Text =
findpasien.XJenkelPasien

        txtgoldrhpsn.Text =
findpasien.XGolDarah

        txtumurpsn.Text =
findpasien.XUmur

    End If

    btncaripol.Focus()

End Sub

Private Sub btncaripol_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
btncaripol.Click

    Dim findpoli As New FindPoli

    findpoli.ShowDialog()

    If findpoli.XKdPoli <> "" Then

        txtkdpoli.Text =
findpoli.XKdPoli

        txtnmpoli.Text =
findpoli.XNamaPoli

        txtbiayapoli.Text =
findpoli.XBiayaPoli

    End If

    btncaripol.Focus()

End Sub

Private Sub btnkeluardftr_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
btnkeluardftr.Click

    If MsgBox("Anda yakin ingin
keluar ?", MsgBoxStyle.YesNo) =
MsgBoxResult.Yes Then

        Me.Close()

        FrmMenuUtama.Show()

    End If

End Sub

End Class

```

Form Kwitansi Poli

```

Imports System.Data.OleDb
Imports System.Data

Public Class FrmKwitansi
    Dim cnn As OleDbConnection

    Dim cmmd As OleDbCommand

    Dim dReader As OleDbDataReader

    Dim dReader1 As OleDbDataReader

    Dim sql As String

    Dim X As Integer

    Private Sub
FrmKwitansi_Activated(ByVal sender As
Object, ByVal e As System.EventArgs)
Handles Me.Activated

        btncaridftar.Focus()

    End Sub

    Private Sub bersih()

```



```

txtnodftar.Text = ""
txtidpsn.Text = ""
txtnmpsn.Text = ""
txtnmpoli.Text = ""
txtbaiyapoli.Text = ""
txtnokwit.Focus()
End Sub
Private Sub txtmati()
    txtnokwit.Enabled = False
    txttglkwit.Enabled = False
    txtnodftar.Enabled = False
    txtidpsn.Enabled = False
    txtnmpsn.Enabled = False
    txtnmpoli.Enabled = False
    txtbaiyapoli.Enabled = False
    btnsimpankwit.Enabled = False
    btnbataalkwit.Enabled = False
End Sub
Private Sub Autonumber()
    Dim strTemp As String = ""
    Dim strValue As String = ""
    Dim sql As String
    sql = "SELECT * FROM Kwitansi
ORDER BY no_kwitansi DESC"
    cmmd = New OleDbCommand(sql, cnn)
    dReader = cmmd.ExecuteReader
    If dReader.Read Then
        strTemp =
Mid(dReader.Item("no_kwitansi"), 5,
5)
    Else
        txtnokwit.Text = "KWIT0001"
        Exit Sub
    End If
    strValue = Val(strTemp) + 1
    txtnokwit.Text = "KWIT" &
Mid("00000", 3, 5 - strValue.Length)
& strValue
End Sub
Private Sub FrmKwitansi_Load(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
    btncaridftar.Focus()
    Call txtmati()
    cnn = New
OleDbConnection(strConn)
    If cnn.State <>
ConnectionState.Closed Then
cnn.Close()
    cnn.Open()
    Call Autonumber()
    txttglkwit.Text = Date.Now
End Sub
Private Sub btnbataalkwit_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
btnbataalkwit.Click
    If MsgBox("Anda yakin ingin
membatalkan ini???",
MsgBoxStyle.YesNo) = MsgBoxResult.Yes
Then
        Call bersih()
        Call txtmati()
        Call Autonumber()
    End If
End Sub
Private Sub btnsimpankwit_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
btnsimpankwit.Click
    If MsgBox("Anda yakin data sudah
sesuai dan akan disimpan serta
dicetak?", MsgBoxStyle.YesNo) =
MsgBoxResult.Yes Then
        Dim sql As String
        Dim strTemp As String = ""
        Dim strValue As String = ""

```

```

'simpan

Try
    sql = "INSERT INTO
Kwitansi (no_kwitansi, tgl_kwitansi,
kd_poli, biaya_poli, no_daftar) " & _
        " VALUES ('" &
txtnokwit.Text & "','" &
txttglkwit.Text & "','" &
txtkdpoli.Text & "','" &
txtbodyapoli.Text & "','" &
txtnodftar.Text & "')"

    cmd = New
OleDbCommand(sql, cnn)

    cmd.ExecuteNonQuery()

Catch ex As Exception

    MsgBox(ex.Message)

End Try

MsgBox("Berhasil Menyimpan
dan Mencetak Data",
MsgBoxStyle.OkOnly, "Pesan")

'Cetak

RptKwitansi.c =
txtnokwit.Text

RptKwitansi.Show()

Me.Dispose()

Call bersih()

Call txtmati()

Call Autonumber()

End If

End Sub

Private Sub btncaridftar_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
btncaridftar.Click

    Dim finddaftar As New FindDaftar

```

```

finddaftar.ShowDialog()

If finddaftar.XNoDaftar <> ""
Then

    sql = "select no_daftar from
Kwitansi where no_daftar = '" &
finddaftar.XNoDaftar & "'"

    cmd = New OleDbCommand(sql,
cnn)

    dReader = cmd.ExecuteReader

    If dReader.HasRows Then

        MsgBox("Kwitansi dengan
Nomor daftar " & finddaftar.XNoDaftar
& " sudah pernah disimpan dan
dicetak", MsgBoxStyle.Exclamation)

        Exit Sub

    Else

        txtnodftar.Text =
finddaftar.XNoDaftar

        sql = "SELECT
Pasien.id_pasien, Pasien.nm_pasien"

        sql &= " FROM Pasien
INNER JOIN Pendaftaran ON
Pasien.id_pasien =
Pendaftaran.id_pasien where
Pendaftaran.no_daftar = '" &
txtnodftar.Text & "'"

        cmd = New
OleDbCommand(sql, cnn)

        dReader =
cmd.ExecuteReader

        If dReader.Read = True
Then

            txtidpsn.Text =
dReader.Item(0)

            txtnmpsn.Text =
dReader.Item(1)

            sql = "SELECT
Poli.kd_poli, Poli.nm_poli,
Poli.biaya_poli"

            sql &= " FROM Poli
INNER JOIN Pendaftaran ON
poli.kd_poli = Pendaftaran.kd_poli

```

```

where Pendaftaran.no_daftar = "" &
txtnodftar.Text & ""

        cmd = New
OleDbCommand(sql, cnn)

        dReader =
cmd.ExecuteReader

        If dReader.Read =
True Then

            txtkdpoli.Text =
dReader.Item(0)

            txtnmpoli.Text =
dReader.Item(1)

            txtbiayapoli.Text
= dReader.Item(2).ToString

        End If

    End If

End If

End If

btnsimpankwit.Focus()

btnsimpankwit.Enabled = True

btnbatalkwit.Enabled = True

End Sub

Private Sub btnkeluarkwit_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
btnkeluarkwit.Click

    If MsgBox("Anda yakin ingin
keluar dari Form Kwitansi?",
MsgBoxStyle.YesNo) = MsgBoxResult.Yes
Then

        Me.Dispose()

    End If

End Sub

End Class

```

Report Cetak Kwitansi Poli

```

Public Class RptKwitansi

    Public c As String

    Private Sub RptKwitansi_Load(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load

```

```

MsgBox(c)

CrystalReportViewer1.SelectionFormula
= "{Kwitansi.no_kwitansi}= "" & c &
""

CrystalReportViewer1.RefreshReport()

End Sub

End Class

```

Form Input Hasil Pemeriksaan

```

Imports System.Data.OleDb

Imports System.Data

Public Class FrmInputHasilPemeriksaan

    Dim cnn As OleDbConnection

    Dim cmd As OleDbCommand

    Dim dReader As OleDbDataReader

    Dim dReader1 As OleDbDataReader

    Dim sql As String

    Dim X As Integer

    Private Sub Autonumber()

        Dim strTemp As String = ""

        Dim strValue As String = ""

        Dim sql As String

        sql = "SELECT * FROM Pemeriksaan
ORDER BY no_Pemeriksaan DESC"

        cmd = New OleDbCommand(sql, cnn)

        dReader = cmd.ExecuteReader

        If dReader.Read Then

            strTemp =
Mid(dReader.Item("no_Pemeriksaan"),
6, 5)

        Else

            txtnopmrksan.Text =
"PRKSN00001"

```

```

Exit Sub

End If

strValue = Val(strTemp) + 1

txtnopmrksan.Text = "PRKSN" &
Mid("00000", 1, 5 - strValue.Length)
& strValue

End Sub

Private Sub
FrmInputHasilPemeriksaan_Load(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load

    btncaridftrpsn.Focus()

    Call txtmati()

    cnn = New
OleDbConnection(strConn)

    If cnn.State <>
ConnectionState.Closed Then
cnn.Close()

    cnn.Open()

    Call Autonumber()

    txttglpmrksan.Text = Date.Now

End Sub

Private Sub
FrmInputHasilPemeriksaan_Activated(By
Val sender As Object, ByVal e As
System.EventArgs) Handles
Me.Activated

    btncaridftrpsn.Focus()

End Sub

Private Sub txtmati()

    txtnodftr.Text = ""

    txtidpsn.Text = ""

    txtnmpsn.Text = ""

    txtumurpsn.Text = ""

    txtjenkel.Text = ""

    txtgoldarpsn.Text = ""

    txtiddktr.Text = ""

    txtnmdktr.Text = ""

    txtspesialis.Text = ""

    txtkeluhan.Text = ""

    txtkdpnykt.Text = ""

    txtnmpnykt.Text = ""

    txtjnspnykt.Text = ""

    txtkdtndk.Text = ""

    txtnmtndkn.Text = ""

    txtbiayatndk.Text = ""

End Sub

Private Sub txtbersih()

    txtkdpnykt.Text = ""

    txtnmpnykt.Text = ""

    txtjnspnykt.Text = ""

    txtketrngan.Text = ""

End Sub

Private Sub bersih1()

    txtkdtndk.Text = ""

    txtnmtndkn.Text = ""

    txtbiayatndk.Text = ""

    txtbyktndk.Text = ""

End Sub

Private Sub bersih2()

    txtnodftr.Text = ""

    txtidpsn.Text = ""

    txtnmpsn.Text = ""

    txtumurpsn.Text = ""

    txtjenkel.Text = ""

    txtgoldarpsn.Text = ""

    txtjenkel.Text = ""

    txtiddktr.Text = ""

    txtnmdktr.Text = ""

    txtspesialis.Text = ""

    txtkeluhan.Text = ""

    txtjmlhtndk.Text = ""

    listdiagnosis.Items.Clear()

    listtindakan.Items.Clear()

```

```

        btncaridfrpsn.Focus()
    End Sub

    Private Sub listdatadiagnosis()

        Dim i As Integer

        For i = 0 To listdiagnosis.Items.Count - 1

            If listdiagnosis.Items(i).SubItems(1).Text = txtkdpnykt.Text Then

                MsgBox("Diagnosis penyakit ini telah masuk List")

                Exit Sub

            End If

        Next

        listdiagnosis.Items.Add("")

        listdiagnosis.Items(i).SubItems.Add(txtkdpnykt.Text)

        listdiagnosis.Items(i).SubItems.Add(xtnmpnykt.Text)

        listdiagnosis.Items(i).SubItems.Add(xtjnspsykt.Text)

        listdiagnosis.Items(i).SubItems.Add(xtketrngan.Text)

        listdiagnosis.Items(i).SubItems(0).Text = (i + 1).ToString

    End Sub

    Private Sub listdatatindakan()

        Dim i As Integer

        For i = 0 To listtindakan.Items.Count - 1

            If listtindakan.Items(i).SubItems(1).Text = txtkdtndk.Text Then

                MsgBox("Tindakan ini telah masuk List")

                Exit Sub

            End If

        Next

        listtindakan.Items.Add("")

        listtindakan.Items(i).SubItems.Add(txtkdtndk.Text)

        listtindakan.Items(i).SubItems.Add(tnmtndkn.Text)

        listtindakan.Items(i).SubItems.Add(tbiayatndk.Text)

        listtindakan.Items(i).SubItems.Add(tbyktndk.Text)

        listtindakan.Items(i).SubItems.Add(Val(CDbl(txtbiayatndk.Text) * txtbyktndk.Text))

        listtindakan.Items(i).SubItems(0).Text = (i + 1).ToString

        Dim x As Integer

        Dim total As VariantType

        x = listtindakan.Items.Count

        For x = 0 To x - 1

            total += listtindakan.Items(x).SubItems(5).Text

        Next

        txtjmlhtndk.Text = total

    End Sub

    Private Sub a_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtkeluhan.KeyPress

        HarusHuruf(e)

    End Sub

    Private Sub b_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtketrngan.KeyPress

        HarusHuruf(e)

    End Sub

    Private Sub c_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtbyktndk.KeyPress

```

```

HarusAngka (e)

End Sub

Private Sub d_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtjmlhtndk.KeyPress

    HarusAngka (e)

End Sub

Private Sub btncaridftrpsn_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btncaridftrpsn.Click

    Dim finddaftar As New FindDaftar

    finddaftar.ShowDialog()

    If finddaftar.XNoDaftar <> "" Then

        sql = "select no_daftar from Pemeriksaan where no_daftar = '" & finddaftar.XNoDaftar & "'"

        cmmd = New OleDbCommand(sql, cnn)

        dReader = cmmd.ExecuteReader

        If dReader.HasRows Then

            MsgBox("Nomer daftar " & finddaftar.XNoDaftar & " sudah Input Hasil Pemeriksaan", MsgBoxStyle.Exclamation)

            bersih2()

            Exit Sub

        Else

            txtnodftr.Text = finddaftar.XNoDaftar

            sql = "select no_daftar from Pemeriksaan where no_daftar = '" & finddaftar.XNoDaftar & "'"

            cmmd = New OleDbCommand(sql, cnn)

            dReader = cmmd.ExecuteReader

            txtnodftr.Text = finddaftar.XNoDaftar

            txtidpsn.Text = finddaftar.XIdPasien

            sql = "SELECT Pasien.nm_pasien, Pasien.umur, Pasien.jen_kel, Pasien.gol_darah"

            sql &= " FROM Pasien INNER JOIN Pendaftaran ON Pasien.id_pasien = Pendaftaran.id_pasien where Pendaftaran.no_daftar= '" & txtnodftr.Text & "'"

            cmmd = New OleDbCommand(sql, cnn)

            dReader = cmmd.ExecuteReader

            If dReader.Read = True Then

                txtnmpsn.Text = dReader.Item(0)

                txtumurpsn.Text = dReader.Item(1)

                txtjenkel.Text = dReader.Item(2)

                txtgoldarpsn.Text = dReader.Item(3)

            End If

        End If

        bersih2()

        btncaridktr.Focus()

    End Sub

Private Sub btnbatalpmrksan_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnbatalpmrksan.Click

    If MsgBox("Anda telah mengisi data, yakin ingin membatalkannya???", MsgBoxStyle.YesNo) = MsgBoxResult.Yes Then

        Call bersih2()

        Call Autonumber()

    End If

End Sub

Private Sub btnkeluarPmrksan_Click(ByVal sender

```

```

As System.Object, ByVal e As
System.EventArgs) Handles
btnkeluarpmrksan.Click

    If MsgBox("Anda yakin ingin
keluar dari Form Input Hasil
Pemeriksaan?", MsgBoxStyle.YesNo) =
MsgBoxResult.Yes Then

        Me.Dispose()

    End If

End Sub

Private Sub btncaridktr_Click_1(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
btncaridktr.Click

    Dim finddokter As New FindDokter

    finddokter.ShowDialog()

    If finddokter.XIdDokter <> ""
Then

        txtiddktr.Text =
finddokter.XIdDokter

        txtnmdktr.Text =
finddokter.XNamaDokter

        txtspesialis.Text =
finddokter.XSpesialis

    End If

End Sub

Private Sub btncaripnykt_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
btncaripnykt.Click

    Dim findpenyakit As New
FindPenyakit

    findpenyakit.ShowDialog()

    If findpenyakit.XKdPenyakit <> ""
Then

        txtkdpnykt.Text =
findpenyakit.XKdPenyakit

        txtnmpnykt.Text =
findpenyakit.XNamaPenyakit

        txtjnsnykt.Text =
findpenyakit.XJenisPenyakit

    End If

    txtketrngan.Focus()

End Sub

```

```

Private Sub btntmbhpnykt_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
btntmbhpnykt.Click

    If txtkdpnykt.Text = "" Then

        MsgBox("Pilih penyakit dahulu
", MsgBoxStyle.Information)

        btncaripnykt.Focus()

    Exit Sub

    ElseIf txtketrngan.Text = "" Then

        MsgBox("Masukkan Keterangan
dahulu ", MsgBoxStyle.Information)

        txtketrngan.Focus()

    Exit Sub

    End If

    listdatadiagnosis()

    txtbersih()

End Sub

Private Sub btncaritndk_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
btncaritndk.Click

    Dim findtindakan As New
FindTindakan

    findtindakan.ShowDialog()

    If findtindakan.XKdTindakan <> ""
Then

        txtkdtndk.Text =
findtindakan.XKdTindakan

        txtnmtndkn.Text =
findtindakan.XNamaTindakan

        txtbiayatndk.Text =
findtindakan.XBiayaTindakan

    End If

End Sub

Private Sub btntmbhtndk_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
btntmbhtndk.Click

    If txtkdtndk.Text = "" Then

        MsgBox("Pilih Tindakan dahulu
", MsgBoxStyle.Information)

        btncaritndk.Focus()

```

```

Exit Sub

End If

listdatatindakan()

Call bersih1()

End Sub

Private Sub
btnsimpanpmrksan_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles
btnsimpanpmrksan.Click

    If txtnodftr.Text = "" Then

        MsgBox("Pilih Data
pendaftaran untuk Data Pemeriksaan")

        Exit Sub

        btncaridftrpsn.Focus()

    End If

    If MsgBox("Anda yakin data sudah
sesuai dan akan disimpan???",
MsgBoxStyle.YesNo) = MsgBoxResult.Yes
Then

        sql = " INSERT INTO
Pemeriksaan (no_pemeriksaan,
tgl_pemeriksaan, keluhan, id_dokter,
no_daftar) " & _

        " VALUES('" &
txtnopmrksan.Text & "','" &
txttglpmrksan.Text & "','" &
txtkeluhan.Text & "','" &
txtiddktr.Text & "','" &
txtnodftr.Text & "')"

        cmmnd = New OleDbCommand(sql,
cnn)

        cmmnd.ExecuteNonQuery()

    Else

        MsgBox.Show("Gagal
Menyimpan Data")

    End If

End Sub

For i = 0 To
listdiagnosis.Items.Count - 1

    sql = "insert into
Diagnosis " & _

        "values('" &
txtnopmrksan.Text & "','" &
listdiagnosis.Items(i).SubItems(1).Te
xt & "','" &
listdiagnosis.Items(i).SubItems(3).Te
xt & "')"

        cmmnd = New
OleDbCommand(sql, cnn)

        cmmnd.ExecuteNonQuery()

    Next

    MsgBox.Show("Berhasil
Menyimpan Data")

    Call Autonumber()

    Call txtbersih()

    Call txtmati()

    Call bersih1()

    Call bersih2()

    btncaridftrpsn.Focus()

End Class

Imports System.Data.OleDb
Imports System.Data

Public Class FrmCetakResep

```

Form Resep


```

Dim cnn As OleDbConnection
Dim cmmd As OleDbCommand
Dim cmmdl As OleDbCommand
Dim dReader As OleDbDataReader
Dim dReader1 As OleDbDataReader
Dim sql As String
Dim X As Integer

Private Sub
btnkeluarresep_Click(ByVal sender As
System.Object, ByVal e As
System.EventArgs) Handles
btnkeluarresep.Click

    If MsgBox("Anda yakin ingin
keluar dari Form Resep?",
MsgBoxStyle.YesNo) = MsgBoxResult.Yes
Then

        Me.Dispose()

    End If

End Sub

Private Sub
FrmCetakResep_Activated(ByVal sender
As Object, ByVal e As
System.EventArgs) Handles
Me.Activated

    btncaridftar.Focus()

End Sub

Private Sub FrmCetakResep_Load(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load

    btncaridftar.Focus()

    Call txtmati()

    cnn = New
OleDbConnection(strConn)

    If cnn.State <>
ConnectionState.Closed Then
cnn.Close()

    cnn.Open()

    Call Autonumber()

    Call Panjangdata()

    txttglresep.Text = Date.Now

End Sub

Private Sub Panjangdata()

txtaturpakai.MaxLength = 25
TxtBykObat.MaxLength = 3

End Sub

Private Sub txtmati()

txtnoresep.Enabled = False
TxtTglResep.Enabled = False
txtnopmrksn.Enabled = False
txtnmpsn.Enabled = False
txtnmdktr.Enabled = False
txtkdobat.Enabled = False
txtnmobat.Enabled = False
txtjnsobat.Enabled = False
btnsimpanrsp.Enabled = False
btncetakrsp.Enabled = False
btnbatalrsp.Enabled = False
btncetakrsp.Enabled = False

End Sub

Private Sub Autonumber()

Dim strTemp As String = ""
Dim strValue As String = ""

Dim sql As String

    sql = "SELECT * FROM Resep ORDER
BY no_resep DESC"

    cmmd = New OleDbCommand(sql, cnn)

    dReader = cmmd.ExecuteReader

    If dReader.Read Then

        strTemp =
Mid(dReader.Item("no_resep"), 4, 5)

    Else

        txtnoresep.Text = "RSP00001"

    Exit Sub

End If

strValue = Val(strTemp) + 1

```

```

txtnoressep.Text = "RSP" &
Mid("00000", 1, 5 - strValue.Length)
& strValue

End Sub

Private Sub bersih()

    txtkdobat.Text = ""

    txtnmobat.Text = ""

    txtjnsobat.Text = ""

    txtaturpakai.Text = ""

    TxtBykObat.Text = ""

End Sub

Private Sub bersih1()

    txtnopmrksn.Text = ""

    txtnmpsn.Text = ""

    txtnmdktr.Text = ""

    btncaridftar.Focus()

    ListObat.Items.Clear()

End Sub

Private Sub bersih2()

    txtnopmrksn.Text = ""

    txtnmpsn.Text = ""

    txtnmdktr.Text = ""

    txtkdobat.Text = ""

    txtnmobat.Text = ""

    txtjnsobat.Text = ""

    txtaturpakai.Text = ""

    TxtBykObat.Text = ""

    btncaridftar.Focus()

    ListObat.Items.Clear()

End Sub

Private Sub listdataobat()

    Dim i As Integer

    For i = 0 To Listobat.Items.Count
    - 1

        If
ListObat.Items(i).SubItems(1).Text =
txtkdobat.Text Then

                MsgBox("Kode obat " &
txtkdobat.Text & " telah masuk List")

                Exit Sub

            End If

        Next

        ListObat.Items.Add("")

        ListObat.Items(i).SubItems.Add(txtkdo
bat.Text)

        ListObat.Items(i).SubItems.Add(txtnmo
bat.Text)

        ListObat.Items(i).SubItems.Add(txtatu
rpakai.Text)

        ListObat.Items(i).SubItems.Add(TxtByk
Obat.Text)

        ListObat.Items(i).SubItems(0).Text =
(i + 1).ToString

    End Sub

    Private Sub c_KeyPress(ByVal sender
As Object, ByVal e As
System.Windows.Forms.KeyPressEventArg
s) Handles txtbykobat.KeyPress

        HarusAngka(e)

    End Sub

    Private Sub btncaridftar_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
btncaridftar.Click

        Dim findpemeriksaan As New
FindPemeriksaan

        findpemeriksaan.ShowDialog()

        If findpemeriksaan.XNoPeriksa <>
"" Then

            sql = "select no_pemeriksaan
from Resep where no_pemeriksaan = '"
& findpemeriksaan.XNoPeriksa & "'"

            cmmd = New OleDbCommand(sql,
cnn)

            dReader = cmmd.ExecuteReader

            If dReader.HasRows Then

```

```

MsgBox("Nomer Pemeriksaan
" & findpemeriksaan.XNoPeriksa & "
sudah Input Heseep",
MsgBoxStyle.Exclamation)

bersih2()

Exit Sub

Else

txtnopmrksn.Text =
findpemeriksaan.XNoPeriksa

sql = "select
no_pemeriksaan from Pemeriksaan where
no_pemeriksaan = '" &
findpemeriksaan.XNoPeriksa & "'"

cmmd = New
OleDbCommand(sql, cnn)

dReader =
cmmd.ExecuteReader

txtnopmrksn.Text =
findpemeriksaan.XNoPeriksa

sql = "SELECT
Pasien.nm_pasien"

sql &= " FROM Pasien
INNER JOIN (Pemeriksaan INNER JOIN
Pendaftaran ON Pemeriksaan.no_daftar
= Pendaftaran.no_daftar) ON
Pasien.id_pasien =
Pendaftaran.id_pasien where
Pemeriksaan.no_daftar= '" &
findpemeriksaan.XNoDaftar & "'"

cmmd = New
OleDbCommand(sql, cnn)

dReader =
cmmd.ExecuteReader

If dReader.Read = True
Then

txtnmpsn.Text =
dReader.Item(0)

sql = "SELECT
Dokter.nm_dokter"

sql &= " FROM Dokter
INNER JOIN Pemeriksaan ON
Dokter.id_dokter =
Pemeriksaan.id_dokter where
Pemeriksaan.id_dokter= '" &
findpemeriksaan.XIdDokter & "'"

cmmd = New
OleDbCommand(sql, cnn)

dReader1 =
cmmd.ExecuteReader

If dReader1.Read =
True Then

txtnmdktr.Text =
dReader1.Item(0)

End If

End If

End If

End Sub

Private Sub btncariresep_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btncariresep.Click

Dim findobat As New FindObat

findobat.ShowDialog()

If findobat.XKdObat <> "" Then

txtkdobat.Text =
findobat.XKdObat

txtnmobat.Text =
findobat.XNamaObat

txtjnsobat.Text =
findobat.XJenisObat

End If

txtaturpakai.Focus()

btnsimpanrsp.Enabled = True

btnbatalrsp.Enabled = True

End Sub

Private Sub btntambahresep_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btntambahresep.Click

```

```

        If txtbykobat.Text = "" Then
            MsgBox("Masukkan Banyak Obat
dahulu ", MsgBoxStyle.Information)
            Exit Sub
        ElseIf txtaturpakai.Text = ""
Then
            MsgBox("Masukkan Aturan Pakai
Terlebih dahulu ",
MsgBoxStyle.Information)
            Exit Sub
        Else
            listdataobat()
            bersih()
        End If
    End Sub

Private Sub btnsimpanrsp_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
btnsimpanrsp.Click
    If txtnopmrksn.Text = "" Then
        MsgBox("Pilih Data
pemeriksaan untuk Resep")
        Exit Sub
        btncaridftar.Focus()
    End If
    If MsgBox("Anda yakin data sudah
sesuai dan akan disimpan?",
MsgBoxStyle.YesNo) = MsgBoxResult.Yes
Then
        Dim sql, sql1 As String
        Dim counter As Integer
        Dim x As Integer =
cmmmd.ExecuteNonQuery
        For counter = 0 To
ListObat.Items.Count - 1
            sql1 = "insert into
Catat_Resep(no_resep, kd_obat,
aturan_pakai, byk_obat)" & _
                "values('" & _
                    txtnoresep.Text &
                    "','" & _
                    ListObat.Items(counter).SubItems(1).T
ext & "','" & _
                    ListObat.Items(counter).SubItems(3).T
ext & "','" & _
                    ListObat.Items(counter).SubItems(4).T
ext & "')"
            cmmmd1 = New
OleDbCommand(sql1, cnn)
            cmmmd1.ExecuteNonQuery()
        Next
        If x = 1 Then
            MessageBox.Show("Berhasil
Menyimpan Data", "Information",
MessageBoxButtons.OK,
MessageBoxIcon.Information)
            bersih2()
            txtmati()
        End If
        btncetakrsp.Enabled = True
    End If
End Sub

Private Sub btnbatalrsp_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
btnbatalrsp.Click
    If MsgBox("Anda telah mengisi
data, yakin membatalkannya?",
MsgBoxStyle.YesNo) = MsgBoxResult.Yes
Then

```

```

        Call bersih2()

        Call txtmati()

    End If

End Sub

Private Sub btncetakrsp_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btncetakrsp.Click

    RptResep.c = txtnoresep.Text

    RptResep.Show()

    bersih()

    Me.Dispose()

End Sub

End Class

```

Form Surat Keterangan Sakit

```

Imports System.Data.OleDb

Imports System.Data

Public Class FrmCetakSuratKeteranganSakit

    Dim cnn As OleDbConnection

    Dim cmmd As OleDbCommand

    Dim dReader As OleDbDataReader

    Dim dReader1 As OleDbDataReader

    Dim sql As String

    Dim X As Integer

    Private Sub btnkeluarkterskt_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnkeluarkterskt.Click

        If MsgBox("Anda yakin ingin keluar dari Form Keterangan Sakit?", MsgBoxStyle.YesNo) = MsgBoxResult.Yes Then

            Me.Dispose()

        End If

    End Sub

End Sub

```

```

Private Sub FrmCetakSuratKeteranganSakit_Activated(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.Activated

    btncaridftar.Focus()

End Sub

Private Sub FrmCetakSuratKeteranganSakit_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

    btncaridftar.Focus()

    Call txtmati()

    cnn = New OleDbConnection(strConn)

    If cnn.State <> ConnectionState.Closed Then cnn.Close()

    cnn.Open()

    Call Autonumber()

    txttglskks.Text = Date.Now

    txttglawal.Text = Date.Now

    txttglakhir.Text = Date.Now

End Sub

Private Sub txtmati()

    txtnosks.Enabled = False

    txttglskks.Enabled = False

    txtnopmrksn.Enabled = False

    txtnmpsn.Enabled = False

    txtjkpsn.Enabled = False

    txtumur.Enabled = False

    txtalmtpsn.Enabled = False

    txtnmdktr.Enabled = False

    txtdurasi.Enabled = False

    txttglawal.Enabled = False

    btnsimpansks.Enabled = False

    btncetaksks.Enabled = False

    btnbatalaksks.Enabled = False

End Sub

```

```

Private Sub Autonumber()
    Dim strTemp As String = ""
    Dim strValue As String = ""
    Dim sql As String

    sql = "SELECT * FROM Surat_sakit
ORDER BY no_surat DESC"

    cmmd = New OleDbCommand(sql, cnn)

    dReader = cmmd.ExecuteReader

    If dReader.Read Then

        strTemp =
Mid(dReader.Item("no_surat"), 3, 5)

    Else

        txtnosks.Text = "SS00001"

        Exit Sub

    End If

    strValue = Val(strTemp) + 1

    txtnosks.Text = "SS" &
Mid("00000", 1, 5 - strValue.Length)
& strValue

End Sub

Private Sub bersih()

    txtnopmrksn.Text = ""
    txtnmpsn.Text = ""
    txtjkpsn.Text = ""
    txtumur.Text = ""
    txtalmtpsn.Text = ""
    txtnmdktr.Text = ""
    txtdurasi.Text = ""

End Sub

Private Sub
txttglawal_ValueChanged(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles
txttglawal.ValueChanged

    txtdurasi.Text = DateDiff("d",
txttglawal.Value, txttglakhir.Value)

    btnsimpansks.Enabled = True

    btnbatalaks.Enabled = True

End Sub

Private Sub
txttglakhir_ValueChanged(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles
txttglakhir.ValueChanged

    txtdurasi.Text = DateDiff("d",
txttglawal.Value, txttglakhir.Value)

    btnsimpansks.Enabled = True

    btnbatalaks.Enabled = True

End Sub

Private Sub btncaridftar_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
btncaridftar.Click

    Dim findpemeriksaan As New
FindPemeriksaan

    findpemeriksaan.ShowDialog()

    If findpemeriksaan.XNoPeriksa <>
"" Then

        sql = "select no_pemeriksaan
from Surat_sakit where no_pemeriksaan
= '" & findpemeriksaan.XNoPeriksa &
'"

        cmmd = New OleDbCommand(sql,
cnn)

        dReader = cmmd.ExecuteReader

        If dReader.HasRows Then

            MsgBox("Nomer Pemeriksaan
" & findpemeriksaan.XNoPeriksa & "
sudah Pernah Membuat Surat Keterangan
Sakit", MsgBoxStyle.Exclamation)

            bersih()

            Exit Sub

        Else

            txtnopmrksn.Text =
findpemeriksaan.XNoPeriksa

            sql = "select
no_pemeriksaan from Pemeriksaan where
no_pemeriksaan = '" &
findpemeriksaan.XNoPeriksa & "'"

            cmmd = New
OleDbCommand(sql, cnn)

```

```

        dReader =
cmmd.ExecuteReader

        txtnopmrksn.Text =
findpemeriksaan.XNoPeriksa

        End If

        End If

        txttglakhir.Focus()

        sql = "SELECT
Pasien.nm_pasien, Pasien.jen_kel,
Pasien.umur, Pasien.almt_pasien"

        End If

        End If

        sql &= " FROM Pasien
INNER JOIN (Pemeriksaan INNER JOIN
Pendaftaran ON Pemeriksaan.no_daftar
= Pendaftaran.no_daftar) ON
Pasien.id_pasien =
Pendaftaran.id_pasien where
Pemeriksaan.no_daftar= '" &
findpemeriksaan.XNoDaftar & "'"

        End Sub

        Private Sub btnbatalaks_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
btnbatalaks.Click

        If MsgBox("Anda telah mengisi
data, yakin membatalkannya?",
MsgBoxStyle.YesNo) = MsgBoxResult.Yes
Then

        Call bersih()

        Call txtmati()

        End If

        End Sub

        cmmd = New
OleDbCommand(sql, cnn)

        dReader =
cmmd.ExecuteReader

        If dReader.Read = True
Then

        txtnmpsn.Text =
dReader.Item(0)

        txtjkpsn.Text =
dReader.Item(1)

        txtumur.Text =
dReader.Item(2)

        txtalmtpsn.Text =
dReader.Item(3)

        Dokter.nm_dokter"

        sql &= " FROM Dokter
INNER JOIN Pemeriksaan ON
Dokter.id_dokter =
Pemeriksaan.id_dokter where
Pemeriksaan.id_dokter= '" &
findpemeriksaan.XIdDokter & "'"

        cmmd = New
OleDbCommand(sql, cnn)

        dReader1 =
cmmd.ExecuteReader

        If dReader1.Read =
True Then

        txtndktr.Text =
dReader1.Item(0)

        If txtnopmrksn.Text = "" Then
        MsgBox("Pilih Data
pemeriksaan untuk Resep")
        Exit Sub

        btncaridftar.Focus()

        End If

        If txtdurasi.Text = "" Then

        MsgBox("Isi Tanggal Akhir
Surat Sakit Terlebih Dahulu")

        Exit Sub

        txttglakhir.Focus()

        End If

        If MsgBox("Anda yakin data sudah
sesuai dan akan disimpan???",
MsgBoxStyle.YesNo) = MsgBoxResult.Yes
Then

```

```

Dim sql As String

Dim strTemp As String = ""

Dim strValue As String = ""

    sql = "INSERT INTO
Surat_sakit(no_surat, tgl_surat,
tgl_awal, tgl_akhir, no_pemeriksaan,
jmlh_hari) " & _

        " VALUES ('" &
txtnosks.Text & "','" &
txttglsks.Text & "','" &
txttglawal.Text & "','" &
txttglakhir.Text & "','" &
txtnopmrksn.Text & "','" &
txtdurasi.Text & "')"

    cmd = New OleDbCommand(sql,
cnn)

    Dim x As Integer =
cmd.ExecuteNonQuery

    If x = 1 Then

        MessageBox.Show("Berhasil
Menyimpan Data")

        Call bersih()

        Call txtmati()

    Else

        MessageBox.Show("Data
Gagal Disimpan")

    End If

    txttglakhir.Text = Date.Now
btncetaksks.Enabled = True

    btnsimpansks.Enabled = False

End If

End Sub

Private Sub btncetaksks_Click(ByVal
sender As System.Object, ByVal e As

```

```

System.EventArgs) Handles
btncetaksks.Click

        RptSuratSakit.c = txtnosks.Text

        RptSuratSakit.Show()

        bersih()

        Me.Dispose()

    End Sub

End Class

Form Laporan Kunjungan Pasien

Imports System.data

Public Class FrmLaporanKunjunganPasien

    Private Sub btnctk_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles
btnctk.Click

        RptLaporanKunjunganPasien.tgl1 =
DateTimePicker1.Value.Date

        RptLaporanKunjunganPasien.tgl2 =
DateTimePicker2.Value.Date

        RptLaporanKunjunganPasien.Show()

    End Sub

    Private Sub btnkeluarctk_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
btnkeluarctk.Click

        Me.Dispose()

    End Sub

    Private Sub
FrmLaporanKunjunganPasien_Load(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load

    End Sub

End Class

```




Biodata Diri

Nama : Eka Ramadhani Afrilian
Email : xpsport@gmail.com
Tempat, Tanggal Lahir : Jakarta, 05 April 1990
Alamat : Perumahan Dasana Indah Blok TA 1/16
Rt/Rw 003/021
Kel. Bojong Nangka, Kec. Kelapa Dua
Tangerang
Nomor Telepon : 0896 370 777 64/ 021-9491 2410
Status : Belum Menikah
Jenis Kelamin : Laki-laki

Pendidikan Formal

1.	1999-2003	SDN Kp. Bambu III, Bojong Nangka – Tangerang	Sekolah Dasar
2.	2003-2005	SMP Nusantara 1 Tangerang	Sekolah Menengah Pertama
3.	2005-2008	SMA Yuppentek 1 Tangerang	Sekolah Menengah Atas
4.	2008-2012	Universitas Mercu Buana Jakarta	Sistem Informasi

Pengalaman Organisasi

1.	Panitia LKMM (Latihan Kepemimpinan) Mahasiswa/i Sistem Informasi 2008
2.	Ketua Panitia Seminar (Learning Web User Hacking and How to Prevent) Mahasiswa/i Sistem informasi 2008
3.	Kepala Keamanan Panitia TA (Temu Akrab) Mahasiswa/i Sistem Informasi 2008