

BAB IV

RANCANGAN SISTEM DAN PROGRAM USULAN

4.1. Analisa Kebutuhan Software

4.1.1. Tahapan Analisis

Sistem manajemen aset adalah sistem pencatatan *stock* barang yang dilakukan secara *intranet* berbasis *desktop* dimana karyawan melakukan penginputan dengan jaringan *intranet*. Berikut merupakan spesifikasi kebutuhan (*system requirement*) dari sistem manajemen aset :

Halaman Admin :

- A1. Admin dapat mengelola data add/del user
- A2. Admin dapat mengelola data master perangkat server
- A3. Admin dapat mengelola data master perangkat operasional
- A4. Admin dapat mengelola data *request* permintaan barang
- A5. Admin dapat mengelola data *request* penerimaan barang
- A6. Admin dapat mencetak data Laporan perangkat server
- A7. Admin dapat mencetak data Laporan perangkat Operasional
- A8. Admin dapat mencetak data Laporan permintaan barang
- A9. Admin dapat mencetak data Laporan penerimaan barang

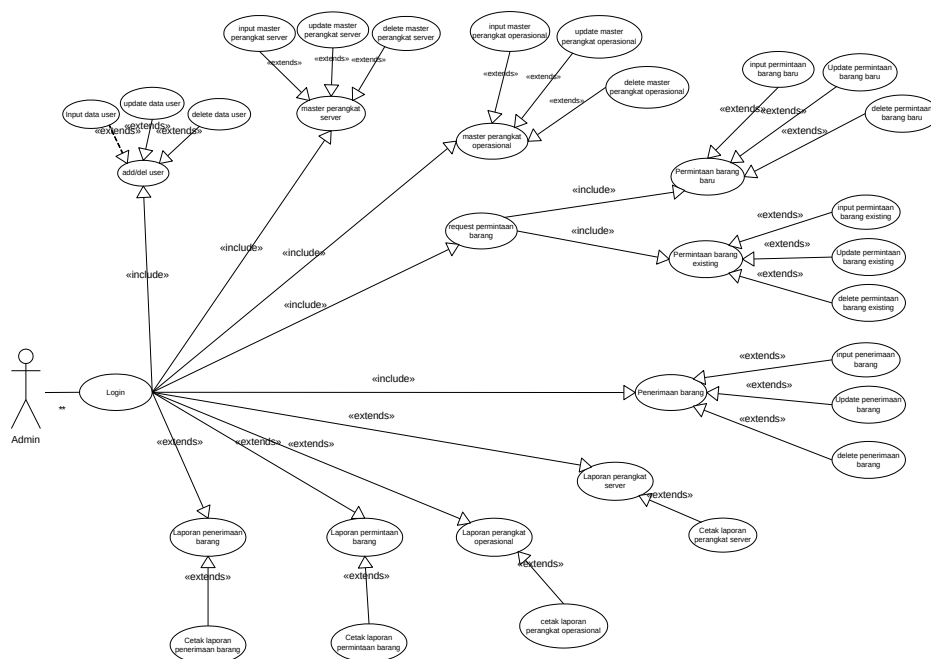
Halaman Bagian *Staff IT* :

- B1. *Staff IT* dapat menginput data master perangkat server
- B2. *Staff IT* dapat menginput data master perangkat operasional
- B3. *Staff IT* dapat menginput data *request* permintaan barang
- B4. *Staff IT* dapat menginput data *request* penerimaan barang

- B5. *Staff IT* dapat mencetak data Laporan perangkat server
- B6. *Staff IT* dapat mencetak data Laporan perangkat Operasional
- B7. *Staff IT* dapat mencetak data Laporan permintaan barang
- B8. *Staff IT* dapat mencetak data Laporan penerimaan barang

4.1.2. Use Case Diagram

1. Use Case Diagram Admin



Gambar IV.1

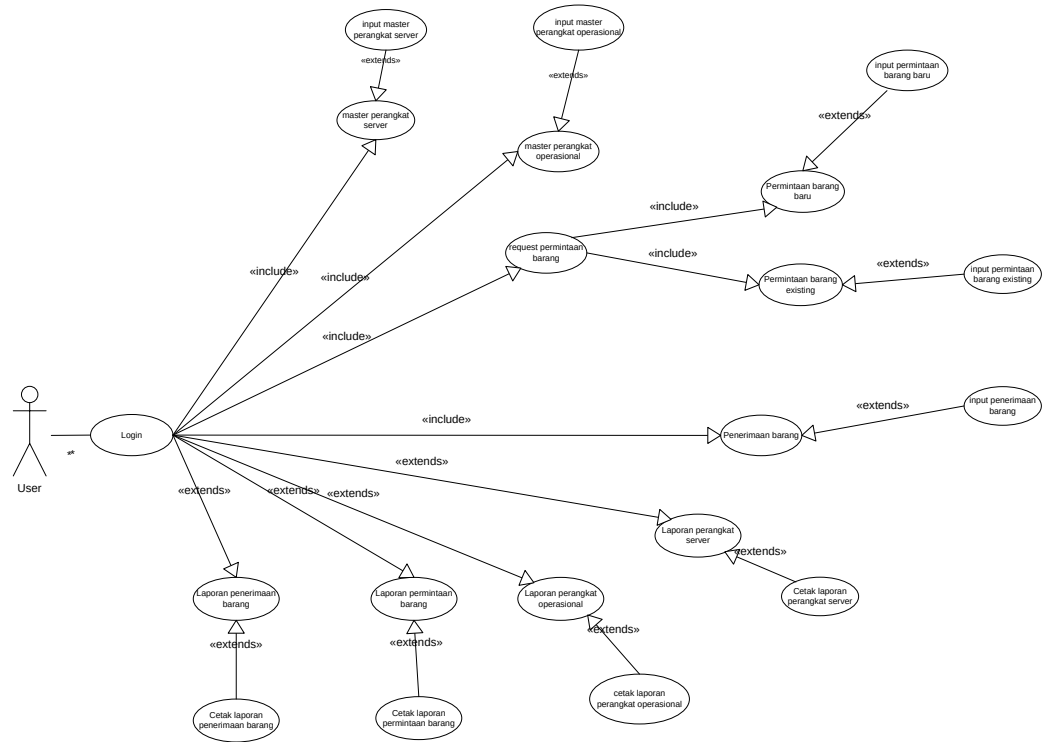
Use Case Diagram Admin

Tabel IV.1 Deskripsi Use Case Diagram Admin

<i>Use Case Name</i>	Admin
<i>Requirement</i>	A1-A9
<i>Goal</i>	Admin dapat mengelola halaman <i>master</i> , <i>request</i> , laporan dan <i>Utility</i> .

<i>Pre-conditions</i>	Data master, request, laporan dan Utility.
<i>Post-conditions</i>	Melakukan <i>input</i> dan <i>update</i> data (tambah, edit) sesuai dengan informasi yang ada dan cetak laporan.
<i>Failed end conditions</i>	Gagal menyimpan, mengupdate dan menghapus
<i>Primary Actor</i>	Admin
<i>Main Flow / Basic Path</i>	1. Admin memilih menu add/del user 2. Admin menambah data <i>staff</i> 3. Admin akan menyimpan data <i>staff</i> 4. Admin menambah data perangkat server 5. Admin akan menyimpan data perangkat server 6. Admin menambah data perangkat operasional 7. Admin akan menyimpan data perangkat Operasional 8. Admin menambah data permintaan barang 9. Admin akan menyimpan data permintaan barang 10. Admin menambah data penerimaan barang 11. Admin menyimpan data penerimaan barang 12. Admin akan mencetak laporan master data Perangkat server 13. Admin akan mencetak laporan master data Perangkat operasional 14. Admin akan mencetak laporan permintaan barang 15. Admin akan mencetak laporan penerimaan barang
<i>Invariant</i>	1. Admin mengedit, <i>search</i> dan menghapus data <i>staff IT</i> 2. Admin mengedit, <i>search</i> dan menghapus data master data perangkat server 3. Admin mengedit, <i>search</i> dan menghapus data master data perangkat operasional 4. Admin mengedit, <i>search</i> dan menghapus data permintaan barang 5. Admin mengedit, <i>search</i> dan menghapus data penerimaan barang

2. Use Case Diagram User



Gambar IV.2

Use Case Diagram User

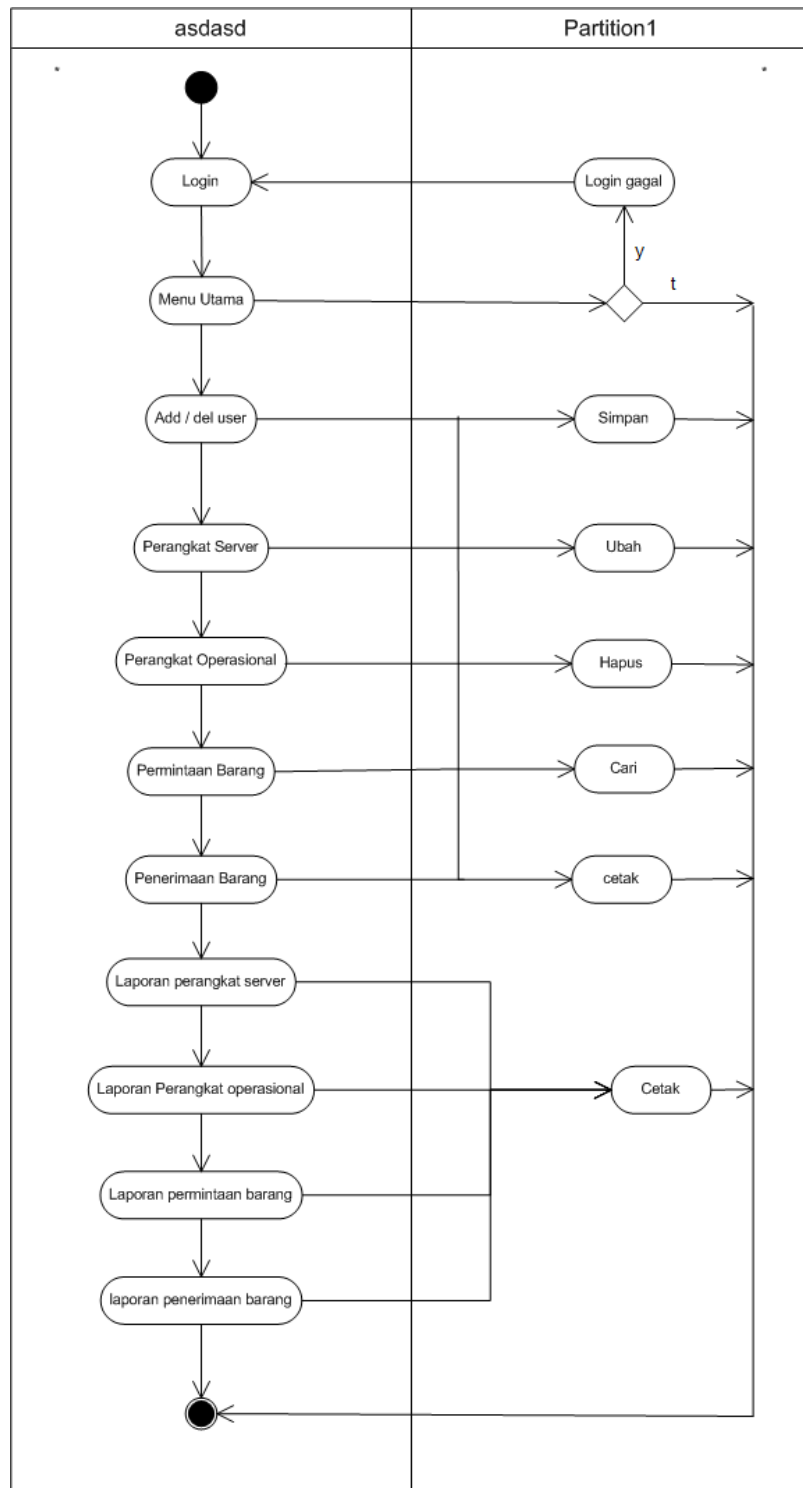
Tabel IV.2 Deskripsi Use Case Diagram User

Use Case Name	Staff IT
Requirement	B1-B8
Goal	User dapat mengelola halaman <i>master</i> , <i>request</i> , dan laporan
Pre-conditions	Data <i>master</i> , <i>request</i> , dan laporan
Post-conditions	Melakukan <i>input</i> sesuai dengan informasi yang ada dan cetak laporan.
Failed end conditions	Gagal menyimpan, mengupdate dan menghapus
Primary Actor	User

<i>Main Flow / Basic Path</i>	1. <i>Staff IT</i> menambah data perangkat server 2. <i>Staff IT</i> akan menyimpan data perangkat server 3. <i>Staff IT</i> menambah data perangkat operasional 4. <i>Staff IT</i> akan menyimpan data perangkat operasional 5. <i>Staff IT</i> menambah data permintaan barang 6. <i>Staff IT</i> akan menyimpan data permintaan barang 7. <i>Staff IT</i> menambah data penerimaan barang 8. <i>Staff IT</i> menyimpan data penerimaan barang 9. <i>Staff IT</i> akan mencetak laporan master data perangkat server 10. <i>Staff IT</i> akan mencetak laporan master data perangkat operasional 11. <i>Staff IT</i> akan mencetak laporan permintaan barang 12. <i>Staff IT</i> akan mencetak laporan penerimaan barang
<i>Invariant</i>	1. <i>Staff IT</i> search data master data perangkat server 2. <i>Staff IT</i> search data master data perangkat operasional 3. <i>Staff IT</i> search data permintaan barang 4. <i>Staff IT</i> search data penerimaan barang

4.1.3. Activity Diagram

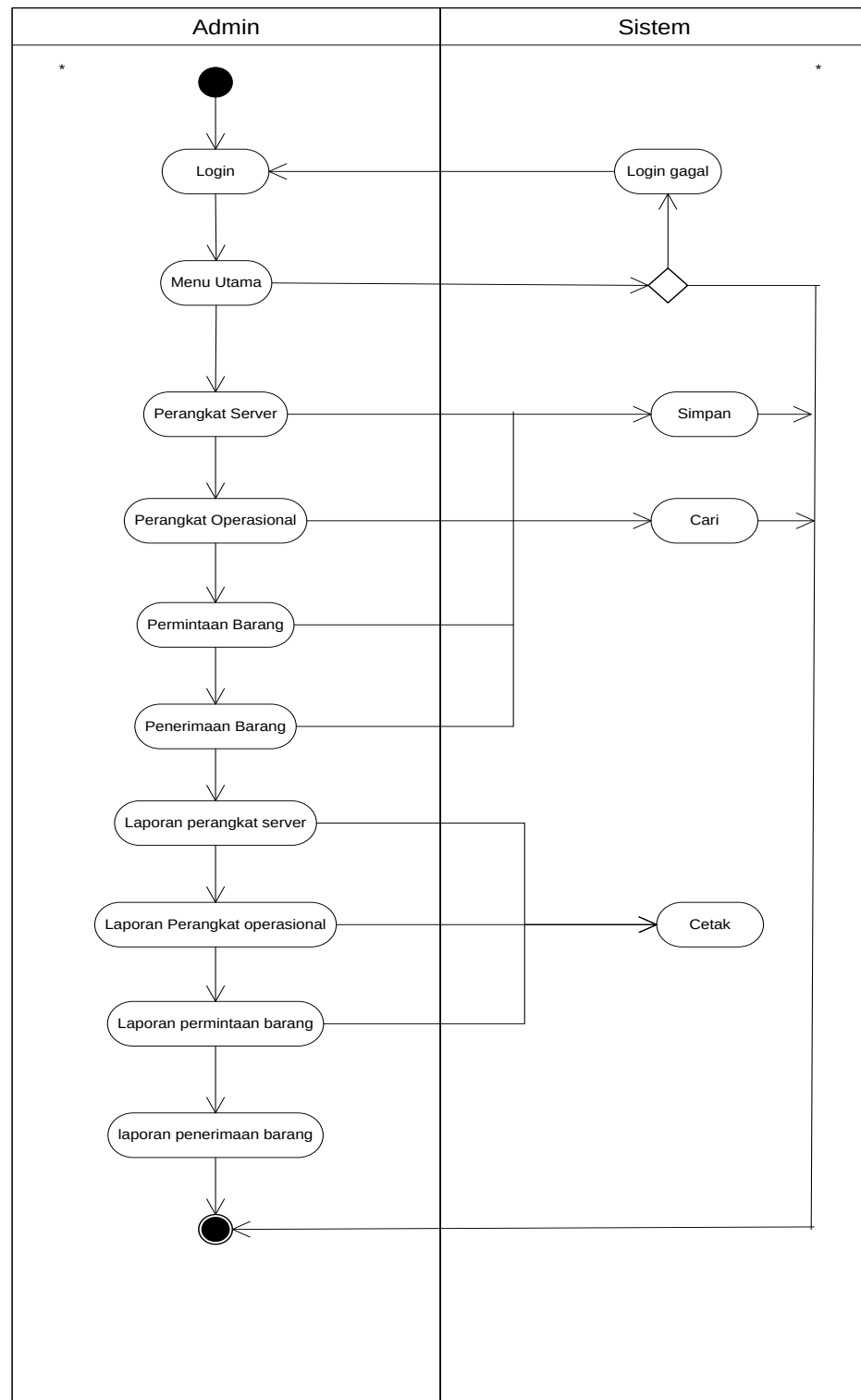
1. Activity Diagram Halaman Admin



Gambar IV.3

Activity Diagram Halaman Admin

2. Activity Diagram Halaman User

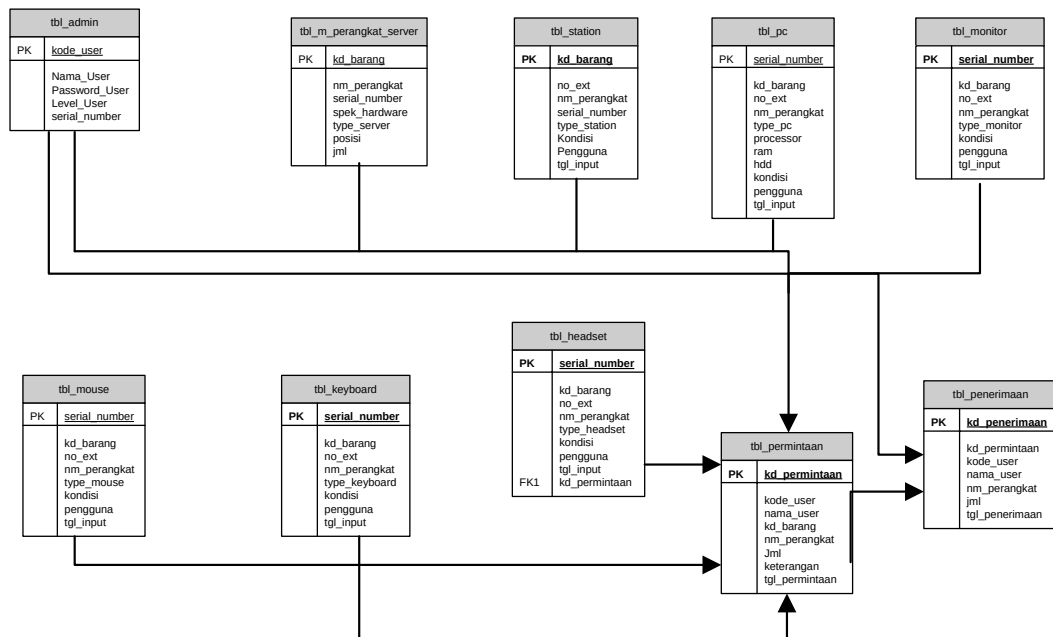


Gambar IV.4

Activity Diagram Halaman User

Entity Relationship Diagram

2. Logical Record Structure



Gambar IV.6

Logical Record Structure

3. Spesifikasi File

Spesifikasi *File* menjelaskan tentang *file-file* yang akan digunakan dalam rancangan aplikasi *dekstop* yang di ajukan dan berguna sebagai media penyimpanan data dari proses yang terjadi pada rancangan aplikasi *dekstop*. Penulis membuat satu *database* yang bernama “**ManajemenAset.mdf**” dengan spesifikasi *file* sebagai berikut:

a. Spesifikasi *File* Tabel Admin

Nama Database : ManajemenAset

Nama File : Tbl_admin

Akronim : admin

Tipe File : File input user

Akses File : *Random*

Panjang Record : 42 Byte

Kunci Field : kode_user

Tabel IV.3 Spesifikasi Tabel Admin

No.	Elemen Data	Nama <i>Field</i>	Type	Keterangan
1	Kode_User	Kode_User	<i>varchar(6)</i>	<i>Primary Key, Auto Increment</i>
2	Nama_User	Nama_User	<i>varchar(30)</i>	
3	Password_User	Password_User	<i>varchar(30)</i>	
4	Level_User	Level_User	<i>varchar(10)</i>	

b. Spesifikasi *File* Tabel Perangkat Server

Nama Database : ManajemenAset

Nama File : tbl_m_perangkat_server

Akronim : Perangkat Server

Tipe File : File Master perangkat server

Akses File : *Random*

Panjang Record : 42 Byte

Kunci Field : kd_barang

Tabel IV.4 Spesifikasi Tabel Perangkat Server

No.	Elemen Data	Nama <i>Field</i>	Type	Keterangan
1	kd_barang	kd_barang	<i>varchar(6)</i>	<i>Primary Key, Auto Increment</i>
2	nm_perangkat	nm_perangkat	<i>varchar(50)</i>	
3	serial_number	serial_number	<i>varchar(30)</i>	
4	spek_hardware	spek_hardware	<i>varchar(100)</i>	
5	type_server	type_server	<i>varchar(30)</i>	
6	posisi	posisi	<i>varchar(10)</i>	

c. Spesifikasi File Tabel station

Nama Database : ManajemenAset

Nama File : Tbl_station

Akronim : *station*

Tipe File : File master pertingkat operasional

Akses File : *Random*

Panjang Record : 42 *Byte*

Kunci Field : kd_barang

Tabel IV.5 Spesifikasi Tabel station

No.	Elemen Data	Nama <i>Field</i>	<i>Type</i>	Keterangan
1	kd_barang	kd_barang	<i>varchar(6)</i>	<i>Primary Key, Auto Increment</i>
2	no_ext	no_ext	<i>varchar(5)</i>	
3	nm_perangkat	nm_perangkat	<i>varchar(20)</i>	
4	serial_number	serial_number	<i>varchar(30)</i>	
5	type_station	type_station	<i>varchar(15)</i>	
6	Kondisi	Kondisi	<i>varchar(5)</i>	
7	Pengguna	Pengguna	<i>varchar(15)</i>	
8	tgl_input	tgl_input	<i>date</i>	

d. Spesifikasi File Tabel PC

Nama Database : ManajemenAset

Nama File : tbl_pc

Akronim : PC

Tipe File : File Master perangkat operasional

Akses File : *Random*

Panjang Record : 42 *Byte*

Kunci Field : serial_number

Tabel IV.6 Spesifikasi Tabel PC

No.	Elemen Data	Nama <i>Field</i>	<i>Type</i>	Keterangan
1	kd_barang	kd_barang	<i>varchar(10)</i>	
2	no_ext	no_ext	<i>varchar(5)</i>	
3	nm_perangkat	nm_perangkat	<i>varchar(15)</i>	
4	serial_number	serial_number	<i>varchar(20)</i>	<i>Primary Key, Auto Increment</i>
5	type_pc	type_pc	<i>varchar(15)</i>	
6	processor	processor	<i>varchar(20)</i>	
7	ram	ram	<i>varchar(5)</i>	
8	hdd	hdd	<i>varchar(10)</i>	
9	kondisi	kondisi	<i>varchar(5)</i>	
10	pengguna	pengguna	<i>varchar(15)</i>	
11	tgl_input	tgl_input	<i>date</i>	

e. Spesifikasi File Tabel Monitor

Nama Database : ManajemenAset

Nama File : tbl_monitor

Akronim : Monitor

Tipe File : File Master perangkat operasional

Akses File : *Random*

Panjang Record : 42 *Byte*

Kunci Field : serial_number

Tabel IV.7 Spesifikasi Tabel Monitor

No.	Elemen Data	Nama <i>Field</i>	<i>Type</i>	Keterangan
1	kd_barang	kd_barang	<i>varchar(10)</i>	
2	no_ext	no_ext	<i>varchar(5)</i>	
3	nm_perangkat	nm_perangkat	<i>varchar(15)</i>	
4	serial_number	serial_number	<i>varchar(20)</i>	<i>Primary Key, Auto Increment</i>
5	type_monitor	type_monitor	<i>varchar(15)</i>	
6	kondisi	kondisi	<i>varchar(5)</i>	
7	pengguna	pengguna	<i>varchar(15)</i>	
8	tgl_input	tgl_input	<i>date</i>	

f. Spesifikasi File Tabel *mouse*

Nama Database : ManajemenAset

Nama File : Tbl_monitor

Akronim : Monitor

Tipe File : File Master perangkat operasional

Akses File : *Random*

Panjang Record : 42 *Byte*

Kunci Field : serial_number

Tabel IV.8 Spesifikasi Tabel *mouse*

No.	Elemen Data	Nama <i>Field</i>	<i>Type</i>	Keterangan
1	kd_barang	kd_barang	<i>varchar(10)</i>	
2	no_ext	no_ext	<i>varchar(5)</i>	
3	nm_perangkat	nm_perangkat	<i>varchar(15)</i>	
4	serial_number	serial_number	<i>varchar(20)</i>	<i>Primary Key, Auto Increment</i>
5	type_mouse	type_mouse	<i>varchar(15)</i>	
6	kondisi	kondisi	<i>varchar(5)</i>	
7	pengguna	pengguna	<i>varchar(15)</i>	
8	tgl_input	tgl_input	<i>date</i>	

g. Spesifikasi File Tabel *keyboard*

Nama Database : ManajemenAset

Nama File : Tbl_keyboard

Akronim : *keyboard*

Tipe File : File Master perangkat operasional

Akses File : *Random*

Panjang Record : 42 *Byte*

Kunci Field : serial_number

Tabel IV.9 Spesifikasi Tabel keyboard

No.	Elemen Data	Nama <i>Field</i>	<i>Type</i>	Keterangan
1	kd_barang	kd_barang	<i>varchar(10)</i>	
2	no_ext	no_ext	<i>varchar(5)</i>	
3	nm_perangkat	nm_perangkat	<i>varchar(15)</i>	
4	serial_number	serial_number	<i>varchar(20)</i>	<i>Primary Key, Auto Increment</i>
5	type_keyboard	type_keyboard	<i>varchar(15)</i>	
6	kondisi	kondisi	<i>varchar(5)</i>	
7	pengguna	pengguna	<i>varchar(15)</i>	
8	tgl_input	tgl_input	<i>date</i>	

h. Spesifikasi File Tabel headset

Nama Database : ManajemenAset

Nama File : Tbl_headset

Akronim : *headset*

Tipe File : File Master perangkat operasional

Akses File : *Random*

Panjang Record : 42 *Byte*

Kunci Field : serial_number

Tabel IV.10 Spesifikasi Tabel headset

No.	Elemen Data	Nama <i>Field</i>	<i>Type</i>	Keterangan
1	kd_barang	kd_barang	<i>varchar(10)</i>	
2	no_ext	no_ext	<i>varchar(5)</i>	
3	nm_perangkat	nm_perangkat	<i>varchar(15)</i>	
4	serial_number	serial_number	<i>varchar(20)</i>	<i>Primary Key, Auto Increment</i>
5	type_headset	type_headset	<i>varchar(15)</i>	
6	kondisi	kondisi	<i>varchar(5)</i>	
7	pengguna	pengguna	<i>varchar(15)</i>	
8	tgl_input	tgl_input	<i>date</i>	

i. Spesifikasi *File* Tabel Permintaan

Nama Database : ManajemenAset

Nama File : Tbl_permintaan

Akronim : permintaan

Tipe File : File permintaan

Akses File : *Random*

Panjang Record : 42 *Byte*

Kunci Field : kd_permintaan

Tabel IV.11 Spesifikasi Tabel permintaan

No.	Elemen Data	Nama <i>Field</i>	<i>Type</i>	Keterangan
1	kd_permintaan	kd_permintaan	<i>varchar(6)</i>	<i>Primary Key, Auto Increment</i>
2	kode_user	kode_user	<i>varchar(10)</i>	
3	nama_user	nama_user	<i>varchar(30)</i>	
4	kd_barang	kd_barang	<i>varchar(10)</i>	
5	nm_perangkat	nm_perangkat	<i>varchar(30)</i>	
6	Jml	Jml	<i>varchar(10)</i>	
7	keterangan	keterangan	<i>varchar(50)</i>	
8	tgl_permintaan	tgl_permintaan	<i>date</i>	

j. Spesifikasi *File* Tabel penerimaan barang

Nama Database : ManajemenAset

Nama File : Tbl_penerimaan

Akronim : penerimaan

Tipe File : File Penerimaan Barang

Akses File : *Random*

Panjang Record : 42 *Byte*

Kunci Field : kd_penerimaan

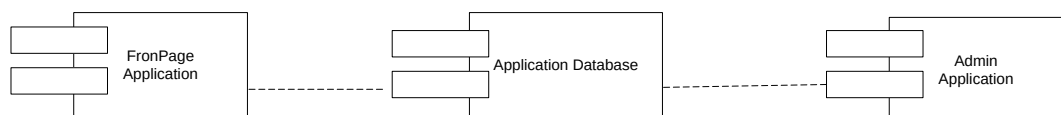
Tabel IV.12 Spesifikasi Tabel Penemeriaan

No.	Elemen Data	Nama <i>Field</i>	<i>Type</i>	Keterangan
1	kd_penerimaan	kd_penerimaan	<i>varchar(6)</i>	<i>Primary Key, Auto Increment</i>
2	kd_permintaan	kd_permintaan	<i>varchar(6)</i>	
3	kode_user	kode_user	<i>varchar(10)</i>	
4	nama_user	nama_user	<i>varchar(30)</i>	
5	nm_perangkat	nm_perangkat	<i>varchar(30)</i>	
6	jml	jml	<i>varchar(10)</i>	
7	tgl_penerimaan	tgl_penerimaan	<i>date</i>	

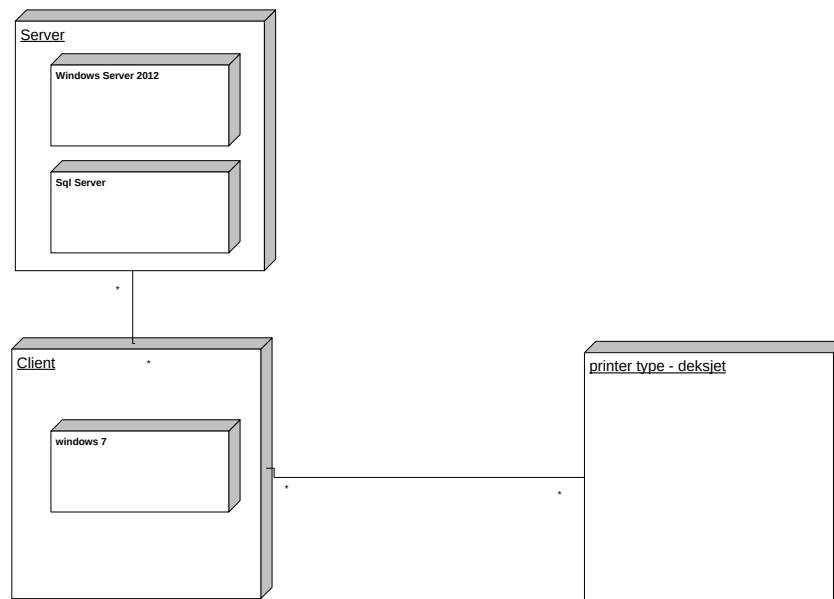
4.2.2. Software Architecture

A. Component Diagram

Diagram komponen memperlihatkan organisasi serta kebergantungan sistem/perangkat lunak pada komponen-komponen yang telah ada sebelumnya.

**Gambar IV.7****Component Diagram**

B. Deployment Diagram



Gambar IV.8

Deployment Diagram

4.2.3. User Interface

Rancangan layar atau *user interface* merupakan salah satu komponen dari sistem yang dirancang berfungsi sebagai sarana komunikasi antara *user* dan program sistem yang nantinya akan digunakan.

1. Halaman Menu Utama

Halaman ini berfungsi sebagai halaman depan / *homepage*



Gambar IV.9

Halaman Menu Utama

2. Halaman Login

Halaman ini berfungsi sebagai halaman untuk admin atau user login.



Gambar IV.10

Halaman Login

3. Halaman add/del User

Halaman ini berfungsi sebagai halaman untuk admin menambahkan, mengubah, dan menghapus user

Kode User	Nama User	Password User	Level_user
INF001	david	david	ADMIN
INF002	sigt david han...	hanodoko	USER
INF003	david	david	ADMIN

Gambar IV.11

Halaman Add/Del User untuk admin

4. Halaman master perangkat server

Halaman ini berfungsi sebagai halaman untuk admin dan user *input* data perangkat server

Kode Barang	Nama Barang	Serial Number	Type Server	Spesifikasi	Posisi Rak
SVR001	david2	1234	key	42342	2
SVR002	222	123	888	777	123
SVR003	123	333	123	123	12
SVR004	123	123	123	123	12
SVR005	123	123	123	123	12

Gambar IV.12

Halaman Master Perangkat Server

5. Halaman perangkat operasional

Halaman ini berfungsi sebagai halaman untuk admin dan user *input* data perangkat operasional

Kode Barang	No Extension	Nama Perangkat	Serial Number	Type Station	Kondisi	Pengguna
STA001	123	123	123	1234	Bagus	AGENT BK
STA002	456	456	david	sigit	Rusak	IT
STA003	123	aaaa	12333	hulu	Bagus	AGENT BK
STA004	123e	333	123dod	333	Bagus	AGENT KK
STA005	333	333	333	333	Bagus	AGENT KK

Gambar IV.13

Halaman Master Perangkat Operasional

6. Halaman permintaan barang

Halaman ini berfungsi sebagai halaman untuk admin dan user *input* dan cetak data permintaan barang

Kode Permintaan	Kode User	Nama User	Kode Barang	Nama Perangkat	Jumlah
100003	INF002	sigit david hanodis	STA004	333	1

Gambar IV.14

Halaman Permintaan Barang

7. Halaman penerimaan barang

Halaman ini berfungsi sebagai halaman untuk admin dan user *input* dan cetak data penerimaan barang

Gambar IV.15

Halaman Penerimaan Barang

8. Halaman cetak laporan aset server

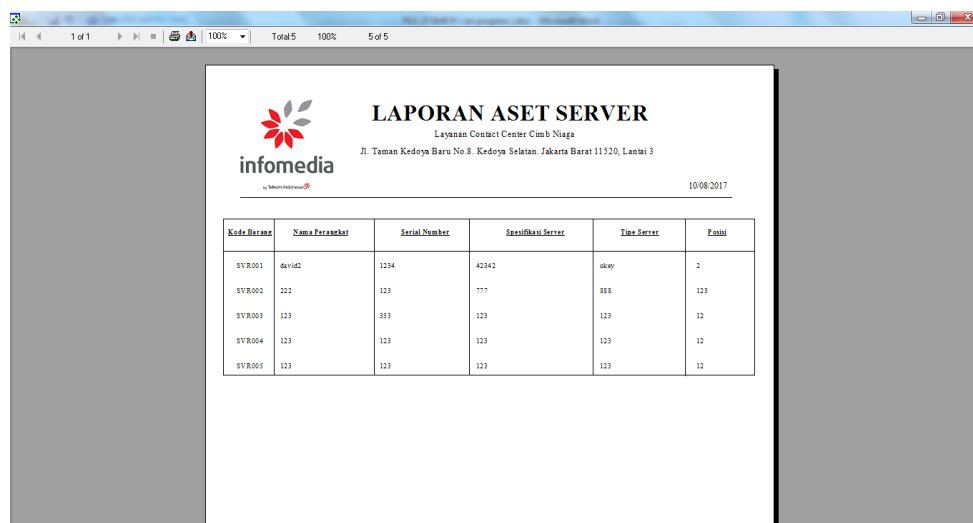
Halaman ini berfungsi sebagai halaman untuk admin dan user cetak data aset server

Gambar IV.16

Halaman Cetak Laporan Aset Server

9. Halaman hasil cetak laporan aset perangkat server

Halaman ini berfungsi sebagai hasil cetak laporan perangkat server



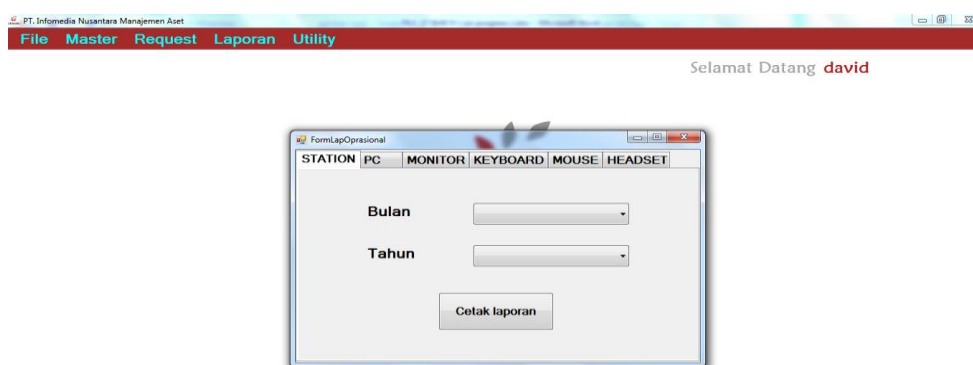
Kode Barang	Nama Perangkat	Serial Number	Spesifikasi Server	Tipe Server	Jumlah
SVR001	dev142	1234	42342	dkxy	2
SVR002	222	123	777	888	123
SVR003	123	333	123	123	12
SVR004	123	123	123	123	12
SVR005	123	123	123	123	12

Gambar IV.17

Halaman Hasil Cetak Laporan Aset Server

10. Halaman cetak laporan perangkat operasional

Halaman ini berfungsi sebagai halaman untuk admin dan user cetak data perangkat operasional



PT. Infomedia Nusantara Manajemen Aset

File Master Request Laporan Utility

Selamat Datang david

FormLapOperasional

STATION PC MONITOR KEYBOARD MOUSE HEADSET

Bulan

Tahun

Cetak laporan

Gambar IV.18

Halaman Cetak Laporan Perangkat Operasional

11. Halaman hasil cetak laporan perangkat operasional

Halaman ini berfungsi sebagai hasil cetak laporan perangkat operasional



The screenshot shows a web browser window displaying a printed report. The report header includes the infomedia logo and the title 'LAPORAN ASET STATION'. Below the title, there is a table with the following data:

Kode Baris	No. Extension	Nama Perangkat	Serial Number	Type Station	Kondisi	Parasite	Tanggal Issue
STAR01	001	001	001	001	Bagus	AGENT KK	27-01-2017 0

Gambar IV.19

Halaman Hasil Cetak Laporan Perangkat Operasional

12. Halaman cetak laporan permintaan barang

Halaman ini berfungsi sebagai halaman untuk admin dan user cetak data permintaan barang



The screenshot shows a web application interface. At the top, there is a navigation bar with the following menu items: File, Master, Request, Laporan, Utility. Below the navigation bar, there is a message: 'Selamat Datang david'. In the center, there is a window titled 'FormLapPermintaan' with the following fields:

- Bulan:
- Tahun:
- Cetak laporan:

Gambar IV.20

Halaman Cetak Laporan Permintaan Barang

13. Halaman hasil cetak laporan permintaan barang

Halaman ini berfungsi sebagai hasil cetak laporan permintaan barang



The screenshot shows a web browser window displaying a printed report. The report header includes the infomedia logo and the title 'LAPORAN PERMINTAAN BARANG'. Below the title is the address: 'Layanan Contact Center Cimb Niaga, Jl. Taman Kedoya Baru No.8, Kedoya Selatan, Jakarta Barat 11520, Lantai 3'. The date '10/08/2017' is printed in the top right corner. The main content is a table with the following data:

Kode Permintaan	Kode Staff	Nama Staff	Kode Barang	Nama Perangkat	Jumlah	Keterangan	Tanggal Permintaan
ODR001	INF002	sigit david hanedko	STA00	333	1	andasi	31/07/2017

Gambar IV.21

Halaman Hasil Cetak Laporan Permintaan Barang

14. Halaman cetak laporan penerimaan barang

Halaman ini berfungsi sebagai halaman untuk admin dan user cetak data permintaan barang



The screenshot shows a web application interface. At the top, there is a navigation bar with the text 'PT. Infomedia Nusantara Manajemen Aset' and a menu with items: 'File', 'Master', 'Request', 'Laporan', and 'Utility'. Below the menu, a welcome message says 'Selamat Datang david'. In the center, there is a window titled 'FormLapPenerimaanBarang' with a red header 'Laporan Penerimaan Barang'. Inside the window, there are two dropdown menus labeled 'Bulan' and 'Tahun', and a button labeled 'Cetak laporan'.

Gambar IV.22

Halaman Cetak Laporan Penerimaan Barang

15. Halaman hasil cetak laporan penerimaan barang

Halaman ini berfungsi sebagai hasil cetak laporan penerimaan barang



The screenshot shows a web browser window displaying a printed report. The report header includes the infomedia logo, the title 'LAPORAN PENERIMAAN BARANG', and contact information for Layanan Contact Center Cimb Niaga. Below the header is a table with the following data:

Kode Penerimaan	Kode Permintaan	Kode User	Nama User	Nama Perangkat	Jumlah	Tanggal Penerimaan
1	ODR001	INF001	david	333	1	31/07/2017 0

Gambar IV.23

Halaman Hasil Cetak Laporan Penerimaan Barang

4.3. Code Generation

1. Permintaan barang

Imports System.Data.SqlClient

Public Class FormPermintaanBarang

Sub Kondisiawal()

Koneksi()

DA = New SqlDataAdapter("select kd_permintaan as 'Kode Permintaan',kode_user as 'Kode User',nama_user as 'Nama User',kd_barang as 'Kode Barang',nm_perangkat as 'Nama Perangkat',jml as Jumlah,keterangan as Keterangan,tgl_permintaan as Tanggal From tbl_permintaan ", CONN)

DS = New DataSet

DS.Clear()

```
DA.Fill(DS, "TBL_permintaan")
DataGridView9.DataSource = DS.Tables("TBL_permintaan")
DataGridView9.ReadOnly = True
text1.Text = ""
text2.Text = ""
text3.Text = ""
text4.Text = ""
text5.Text = ""
text6.Text = ""
text7.Text = ""
text8.Text = ""
text9.Text = ""
text10.Text = ""
text11.Text = ""
text12.Text = ""
text13.Text = ""
text14.Text = ""
text15.Text = ""
rbkdstaf.Enabled = False
rbnmstaf.Enabled = False
rbsta.Enabled = False
rbpc.Enabled = False
rbmon.Enabled = False
rbkey.Enabled = False
rbmou.Enabled = False
rbhead.Enabled = False
```

rbser.Enabled = False
rbsta1.Enabled = False
rbsta2.Enabled = False
rbsta3.Enabled = False
rbpc1.Enabled = False
rbpc2.Enabled = False
rbpc3.Enabled = False
rbmon1.Enabled = False
rbmon2.Enabled = False
rbmon3.Enabled = False
rbkey1.Enabled = False
rbkey2.Enabled = False
rbkey3.Enabled = False
rbmou1.Enabled = False
rbmou2.Enabled = False
rbmou3.Enabled = False
rbhead1.Enabled = False
rbhead2.Enabled = False
rbhead3.Enabled = False
rbser1.Enabled = False
rbser2.Enabled = False
text1.Enabled = False
text2.Enabled = False
text3.Enabled = False
text4.Enabled = False
text5.Enabled = False

```

text6.Enabled = False
text7.Enabled = False
text8.Enabled = False
text9.Enabled = False
text10.Enabled = False
text11.Enabled = False
text12.Enabled = False
text13.Enabled = False
text14.Enabled = False
text15.Enabled = False
btn1.Text = "Input"

DataGridView1.DataSource = Nothing
DataGridView2.DataSource = Nothing
DataGridView3.DataSource = Nothing
DataGridView4.DataSource = Nothing
DataGridView5.DataSource = Nothing
DataGridView6.DataSource = Nothing
DataGridView7.DataSource = Nothing
DataGridView8.DataSource = Nothing

End Sub

Sub datastaf()

    Koneksi()

    DA = New SqlDataAdapter("select kode_user as 'Kode
User',nama_user as 'Nama User',level_user as 'Level User'From
tbl_admin where level_user ='user'", CONN)

    DS = New DataSet

    DS.Clear()

```

```

    DA.Fill(DS, "TBL_admin")

    DataGridView1.DataSource = DS.Tables("TBL_admin")

    DataGridView1.ReadOnly = True

End Sub

```

```

Private Sub rbbaru_CheckedChanged_1(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
rbbaru.CheckedChanged

```

```

    Koneksi()

```

```

    DA = New SqlDataAdapter("select kode_user as 'Kode
User',nama_user as 'Nama User',level_user as 'Level User'From
tbl_admin where level_user ='user'", CONN)

```

```

    DS = New DataSet

```

```

    DS.Clear()

```

```

    DA.Fill(DS, "TBL_admin")

```

```

    DataGridView1.DataSource = DS.Tables("TBL_admin")

```

```

    DataGridView1.ReadOnly = True

```

```

    text1.Text = ""

```

```

    text2.Text = ""

```

```

    text3.Text = ""

```

```

    text4.Text = ""

```

```

    text5.Text = ""

```

```

    text6.Text = ""

```

```

    text7.Text = ""

```

```

    text8.Text = ""

```

```

    text9.Text = ""

```

```

    text10.Text = ""

```

```
text11.Text = ""  
text12.Text = ""  
text13.Text = ""  
text14.Text = ""  
text15.Text = ""  
rbkdsta.Enabled = True  
rbnmsta.Enabled = True  
rbsta.Enabled = False  
rbpc.Enabled = False  
rbkey.Enabled = False  
rbmon.Enabled = False  
rbmou.Enabled = False  
rbhead.Enabled = False  
rbser.Enabled = False  
rbsta1.Enabled = False  
rbsta2.Enabled = False  
rbsta3.Enabled = False  
rbpc1.Enabled = False  
rbpc2.Enabled = False  
rbpc3.Enabled = False  
rbmon1.Enabled = False  
rbmon2.Enabled = False  
rbmon3.Enabled = False  
rbkey1.Enabled = False  
rbkey2.Enabled = False  
rbkey3.Enabled = False
```

```
rbmou1.Enabled = False
rbmou2.Enabled = False
rbmou3.Enabled = False
rbhead1.Enabled = False
rbhead2.Enabled = False
rbhead3.Enabled = False
rbser1.Enabled = False
rbser2.Enabled = False
text1.Enabled = True
text2.Enabled = False
text3.Enabled = False
text4.Enabled = False
text5.Enabled = False
text6.Enabled = False
text7.Enabled = False
text8.Enabled = False
text9.Enabled = False
text10.Enabled = True
text11.Enabled = True
text12.Enabled = False
text13.Enabled = True
text14.Enabled = True
text15.Enabled = True
End Sub
```

```
Private Sub rbexisting_CheckedChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
rbexisting.CheckedChanged
```

```
    Koneksi()
```

```
    DA = New SqlDataAdapter("select kode_user as 'Kode
User',nama_user as 'Nama User',level_user as 'Level User'From
tbl_admin where level_user ='user'", CONN)
```

```
    DS = New DataSet
```

```
    DS.Clear()
```

```
    DA.Fill(DS, "TBL_admin")
```

```
    DataGridView1.DataSource = DS.Tables("TBL_admin")
```

```
    DataGridView1.ReadOnly = True
```

```
    text1.Text = ""
```

```
    text2.Text = ""
```

```
    text3.Text = ""
```

```
    text4.Text = ""
```

```
    text5.Text = ""
```

```
    text6.Text = ""
```

```
    text7.Text = ""
```

```
    text8.Text = ""
```

```
    text9.Text = ""
```

```
    text10.Text = ""
```

```
    text11.Text = ""
```

```
    text12.Text = ""
```

```
    text13.Text = ""
```

```
    text14.Text = ""
```

```
    text15.Text = ""
```


rbkdstaf.Enabled = True
rbnmstaf.Enabled = True
rbsta.Enabled = True
rbpc.Enabled = True
rbmon.Enabled = True
rbkey.Enabled = True
rbmou.Enabled = True
rbhead.Enabled = True
rbser.Enabled = True
rbsta1.Enabled = False
rbsta2.Enabled = False
rbsta3.Enabled = False
rbpc1.Enabled = False
rbpc2.Enabled = False
rbpc3.Enabled = False
rbmon1.Enabled = False
rbmon2.Enabled = False
rbmon3.Enabled = False
rbkey1.Enabled = False
rbkey2.Enabled = False
rbkey3.Enabled = False
rbmou1.Enabled = False
rbmou2.Enabled = False
rbmou3.Enabled = False
rbhead1.Enabled = False
rbhead2.Enabled = False

rbhead3.Enabled = False

rbser1.Enabled = False

rbser2.Enabled = False

text1.Enabled = True

text2.Enabled = False

text3.Enabled = False

text4.Enabled = False

text5.Enabled = False

text6.Enabled = False

text7.Enabled = False

text8.Enabled = False

text9.Enabled = False

text10.Enabled = False

text11.Enabled = False

text12.Enabled = False

text13.Enabled = False

text14.Enabled = True

text15.Enabled = True

End Sub

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

Call Kondisiawal()

End Sub

Private Sub rbsta_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles rbsta.CheckedChanged

Koneksi()

```

    DA = New SqlDataAdapter("select kd_barang as 'Kode
Barang',no_ext as 'No Extention',nm_perangkat as 'Nama
Perangkat',serial_number as 'Serial Number', type_station as 'Type
Station', kondisi as Kondisi,pengguna as Pengguna From tbl_station",
CONN)

```

```

    DS = New DataSet

```

```

    DS.Clear()

```

```

    DA.Fill(DS, "TBL_station")

```

```

    DataGridView2.DataSource = DS.Tables("TBL_station")

```

```

    DataGridView2.ReadOnly = True

```

```

    rbsta1.Enabled = True

```

```

    rbsta2.Enabled = True

```

```

    rbsta3.Enabled = True

```

```

    text2.Enabled = True

```

```

    rbpc1.Enabled = False

```

```

    rbpc2.Enabled = False

```

```

    rbpc3.Enabled = False

```

```

    rbmon1.Enabled = False

```

```

    rbmon2.Enabled = False

```

```

    rbmon3.Enabled = False

```

```

    rbkey1.Enabled = False

```

```

    rbkey2.Enabled = False

```

```

    rbkey3.Enabled = False

```

```

    rbmou1.Enabled = False

```

```

    rbmou2.Enabled = False

```

```

    rbmou3.Enabled = False

```

```

    rbhead1.Enabled = False

```

```

    rbhead2.Enabled = False
    rbhead3.Enabled = False
    rbser1.Enabled = False
    rbser2.Enabled = False
    text3.Enabled = False
    text4.Enabled = False
    text5.Enabled = False
    text6.Enabled = False
    text7.Enabled = False
    text8.Enabled = False

    DataGridView3.DataSource = Nothing
    DataGridView4.DataSource = Nothing
    DataGridView5.DataSource = Nothing
    DataGridView6.DataSource = Nothing
    DataGridView7.DataSource = Nothing
    DataGridView8.DataSource = Nothing

End Sub

```

```

    Private Sub btn4_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn4.Click

        Call Kondisiawal()

End Sub

```

```

    Private Sub rbpc_CheckedChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles rbpc.CheckedChanged

        Koneksi()

```

```

    DA = New SqlDataAdapter("select kd_barang as 'Kode
Barang',no_ext as 'No Extention',nm_perangkat as 'Nama
Perangkat',serial_number as 'Serial Number', type_pc as 'Type pc',
kondisi as Kondisi,pengguna as Pengguna From tbl_pc", CONN)

```

```

    DS = New DataSet

```

```

    DS.Clear()

```

```

    DA.Fill(DS, "TBL_pc")

```

```

    DataGridView3.DataSource = DS.Tables("TBL_pc")

```

```

    DataGridView3.ReadOnly = True

```

```

    rbsta1.Enabled = False

```

```

    rbsta2.Enabled = False

```

```

    rbsta3.Enabled = False

```

```

    rbpc1.Enabled = True

```

```

    rbpc2.Enabled = True

```

```

    rbpc3.Enabled = True

```

```

    rbmon1.Enabled = False

```

```

    rbmon2.Enabled = False

```

```

    rbmon3.Enabled = False

```

```

    rbkey1.Enabled = False

```

```

    rbkey2.Enabled = False

```

```

    rbkey3.Enabled = False

```

```

    rbmou1.Enabled = False

```

```

    rbmou2.Enabled = False

```

```

    rbmou3.Enabled = False

```

```

    rbhead1.Enabled = False

```

```

    rbhead2.Enabled = False

```

```

    rbhead3.Enabled = False

```

rbser1.Enabled = False

rbser2.Enabled = False

text2.Enabled = False

text3.Enabled = True

text4.Enabled = False

text5.Enabled = False

text6.Enabled = False

text7.Enabled = False

text8.Enabled = False

DataGridView2.DataSource = Nothing

DataGridView4.DataSource = Nothing

DataGridView5.DataSource = Nothing

DataGridView6.DataSource = Nothing

DataGridView7.DataSource = Nothing

DataGridView8.DataSource = Nothing

End Sub

*Private Sub rbmon_CheckedChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
rbmon.CheckedChanged*

Koneksi()

*DA = New SqlDataAdapter("select kd_barang as 'Kode
Barang',no_ext as 'No Extention',nm_perangkat as 'Nama
Perangkat',serial_number as 'Serial Number',type_monitor as 'TYPE
Monitor',kondisi as Kondisi,pengguna as Pengguna From tbl_monitor",
CONN)*

DS = New DataSet

DS.Clear()

```
DA.Fill(DS, "TBL_monitor")
DataGridView4.DataSource = DS.Tables("TBL_monitor")
DataGridView4.ReadOnly = True
rbsta1.Enabled = False
rbsta2.Enabled = False
rbsta3.Enabled = False
rbpc1.Enabled = False
rbpc2.Enabled = False
rbpc3.Enabled = False
rbmon1.Enabled = True
rbmon2.Enabled = True
rbmon3.Enabled = True
rbkey1.Enabled = False
rbkey2.Enabled = False
rbkey3.Enabled = False
rbmou1.Enabled = False
rbmou2.Enabled = False
rbmou3.Enabled = False
rbhead1.Enabled = False
rbhead2.Enabled = False
rbhead3.Enabled = False
rbser1.Enabled = False
rbser2.Enabled = False
text2.Enabled = False
text3.Enabled = False
text4.Enabled = True
```

```

text5.Enabled = False
text6.Enabled = False
text7.Enabled = False
text8.Enabled = False

DataGridView2.DataSource = Nothing
DataGridView3.DataSource = Nothing
DataGridView5.DataSource = Nothing
DataGridView6.DataSource = Nothing
DataGridView7.DataSource = Nothing
DataGridView8.DataSource = Nothing

End Sub

```

```

Private Sub rbkey_CheckedChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles rbkey.CheckedChanged

```

```

    Koneksi()

```

```

    DA = New SqlDataAdapter("select kd_barang as 'Kode
Barang',no_ext as 'No Extention',nm_perangkat as 'Nama
Perangkat',serial_number as 'Serial Number', type_keyboard as 'Type
Keyboard', kondisi as Kondisi,pengguna as Pengguna From
tbl_keyboard", CONN)

```

```

    DS = New DataSet

```

```

    DS.Clear()

```

```

    DA.Fill(DS, "TBL_keyboard")

```

```

    DataGridView5.DataSource = DS.Tables("TBL_keyboard")

```

```

    DataGridView5.ReadOnly = True

```

```

    rbsta1.Enabled = False

```

```

    rbsta2.Enabled = False

```

```

    rbsta3.Enabled = False

```


rbpc1.Enabled = False
rbpc2.Enabled = False
rbpc3.Enabled = False
rbmon1.Enabled = False
rbmon2.Enabled = False
rbmon3.Enabled = False
rbkey1.Enabled = True
rbkey2.Enabled = True
rbkey3.Enabled = True
rbmou1.Enabled = False
rbmou2.Enabled = False
rbmou3.Enabled = False
rbhead1.Enabled = False
rbhead2.Enabled = False
rbhead3.Enabled = False
rbser1.Enabled = False
rbser2.Enabled = False
text2.Enabled = False
text3.Enabled = False
text4.Enabled = False
text5.Enabled = True
text6.Enabled = False
text7.Enabled = False
text8.Enabled = False

DataGridView2.DataSource = Nothing
DataGridView3.DataSource = Nothing

DataGridView4.DataSource = Nothing

DataGridView6.DataSource = Nothing

DataGridView7.DataSource = Nothing

DataGridView8.DataSource = Nothing

End Sub

*Private Sub rbmou_CheckedChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
rbmou.CheckedChanged*

Koneksi()

*DA = New SqlDataAdapter("select kd_barang as 'Kode
Barang',no_ext as 'No Extention',nm_perangkat as 'Nama
Perangkat',serial_number as 'Serial Number', type_mouse as 'Type
mouse', kondisi as Kondisi,pengguna as Pengguna From tbl_mouse",
CONN)*

DS = New DataSet

DS.Clear()

DA.Fill(DS, "TBL_mouse")

DataGridView6.DataSource = DS.Tables("TBL_mouse")

DataGridView6.ReadOnly = True

rbsta1.Enabled = False

rbsta2.Enabled = False

rbsta3.Enabled = False

rbpc1.Enabled = False

rbpc2.Enabled = False

rbpc3.Enabled = False

rbmon1.Enabled = False

rbmon2.Enabled = False

```
rbmon3.Enabled = False
rbkey1.Enabled = False
rbkey2.Enabled = False
rbkey3.Enabled = False
rbmou1.Enabled = True
rbmou2.Enabled = True
rbmou3.Enabled = True
rbhead1.Enabled = False
rbhead2.Enabled = False
rbhead3.Enabled = False
rbser1.Enabled = False
rbser2.Enabled = False
text2.Enabled = False
text3.Enabled = False
text4.Enabled = False
text5.Enabled = False
text6.Enabled = True
text7.Enabled = False
text8.Enabled = False

DataGridView2.DataSource = Nothing
DataGridView3.DataSource = Nothing
DataGridView4.DataSource = Nothing
DataGridView5.DataSource = Nothing
DataGridView7.DataSource = Nothing
DataGridView8.DataSource = Nothing

End Sub
```

```
Private Sub rbhead_CheckedChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
rbhead.CheckedChanged
```

```
    Koneksi()
```

```
    DA = New SqlDataAdapter("select kd_barang as 'Kode
Barang',no_ext as 'No Extention',nm_perangkat as 'Nama
Perangkat',serial_number as 'Serial Number', type_headset as 'Type
headset', kondisi as Kondisi,pengguna as Pengguna From tbl_headset",
CONN)
```

```
    DS = New DataSet
```

```
    DS.Clear()
```

```
    DA.Fill(DS, "TBL_headset")
```

```
    DataGridView7.DataSource = DS.Tables("TBL_headset")
```

```
    DataGridView7.ReadOnly = True
```

```
    rbsta1.Enabled = False
```

```
    rbsta2.Enabled = False
```

```
    rbsta3.Enabled = False
```

```
    rbpc1.Enabled = False
```

```
    rbpc2.Enabled = False
```

```
    rbpc3.Enabled = False
```

```
    rbmon1.Enabled = False
```

```
    rbmon2.Enabled = False
```

```
    rbmon3.Enabled = False
```

```
    rbkey1.Enabled = False
```

```
    rbkey2.Enabled = False
```

```
    rbkey3.Enabled = False
```

```
    rbmou1.Enabled = False
```

```

    rbmou2.Enabled = False
    rbmou3.Enabled = False
    rbhead1.Enabled = True
    rbhead2.Enabled = True
    rbhead3.Enabled = True
    rbser1.Enabled = False
    rbser2.Enabled = False
    text2.Enabled = False
    text3.Enabled = False
    text4.Enabled = False
    text5.Enabled = False
    text6.Enabled = False
    text7.Enabled = True
    text8.Enabled = False

    DataGridView2.DataSource = Nothing
    DataGridView3.DataSource = Nothing
    DataGridView4.DataSource = Nothing
    DataGridView5.DataSource = Nothing
    DataGridView6.DataSource = Nothing
    DataGridView8.DataSource = Nothing
End Sub

```

```

Private Sub rbser_CheckedChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles rbser.CheckedChanged

```

```

    Koneksi()

```

```

    DA = New SqlDataAdapter("select kd_barang as 'Kode Barang'
,nm_perangkat as 'Nama Barang' ,Serial_number as 'Serial

```

```
Number',type_server as 'Type Server',spek_hardware as
Spesifikasi,posisi as 'Posisi Rak',jml as 'Jumlah Barang' From
tbl_m_perangkat_server", CONN)
```

```
DS = New DataSet
```

```
DS.Clear()
```

```
DA.Fill(DS, "TBL_m_perangkat_server")
```

```
DataGridView8.DataSource =
DS.Tables("TBL_m_perangkat_server")
```

```
DataGridView8.ReadOnly = True
```

```
rbsta1.Enabled = False
```

```
rbsta2.Enabled = False
```

```
rbsta3.Enabled = False
```

```
rbpc1.Enabled = False
```

```
rbpc2.Enabled = False
```

```
rbpc3.Enabled = False
```

```
rbmon1.Enabled = False
```

```
rbmon2.Enabled = False
```

```
rbmon3.Enabled = False
```

```
rbkey1.Enabled = False
```

```
rbkey2.Enabled = False
```

```
rbkey3.Enabled = False
```

```
rbmou1.Enabled = False
```

```
rbmou2.Enabled = False
```

```
rbmou3.Enabled = False
```

```
rbhead1.Enabled = False
```

```
rbhead2.Enabled = False
```

```
rbhead3.Enabled = False
```

```

    rbser1.Enabled = True
    rbser2.Enabled = True
    text2.Enabled = True
    text3.Enabled = False
    text4.Enabled = False
    text5.Enabled = False
    text6.Enabled = False
    text7.Enabled = False
    text8.Enabled = True

    DataGridView2.DataSource = Nothing
    DataGridView3.DataSource = Nothing
    DataGridView4.DataSource = Nothing
    DataGridView5.DataSource = Nothing
    DataGridView6.DataSource = Nothing
    DataGridView7.DataSource = Nothing
End Sub

```

```

    Private Sub DataGridView1_CellContentClick(ByVal sender As
System.Object, ByVal e As
System.Windows.Forms.DataGridViewCellEventArgs) Handles
DataGridView1.CellContentClick

        Call Koneksi()

        Dim i As Integer

        i = DataGridView1.CurrentRow.Index

        CMD = New SqlCommand("Select * from TBL_admin where
kode_user='" & DataGridView1.Item(0, i).Value & "'", CONN)

        RD = CMD.ExecuteReader

```

```

RD.Read()

If Not RD.HasRows Then

    text10.Focus()

Else

    text10.Text = RD.Item("kode_user")

    text11.Text = RD.Item("nama_user")

    text12.Focus()

End If

End Sub

```

```

Private Sub DataGridView2_CellContentClick(ByVal sender As
System.Object, ByVal e As
System.Windows.Forms.DataGridViewCellEventArgs) Handles
DataGridView2.CellContentClick

```

```

    Call Koneksi()

    Dim i As Integer

    i = DataGridView2.CurrentRow.Index

    CMD = New SqlCommand("Select * from TBL_station where
kd_barang='" & DataGridView2.Item(0, i).Value & "'", CONN)

    RD = CMD.ExecuteReader

    RD.Read()

    If Not RD.HasRows Then

        text12.Focus()

    Else

        text12.Text = RD.Item("kd_barang")

        text13.Text = RD.Item("nm_perangkat")

        text14.Focus()

```


End If

End Sub

```
Private Sub DataGridView3_CellContentClick(ByVal sender As
System.Object, ByVal e As
System.Windows.Forms.DataGridViewCellEventArgs) Handles
DataGridView3.CellContentClick
```

Call Koneksi()

Dim i As Integer

i = DataGridView3.CurrentRow.Index

```
CMD = New SqlCommand("Select * from TBL_PC where
kd_barang='" & DataGridView3.Item(0, i).Value & "'", CONN)
```

RD = CMD.ExecuteReader

RD.Read()

If Not RD.HasRows Then

text12.Focus()

Else

text12.Text = RD.Item("kd_barang")

text13.Text = RD.Item("nm_perangkat")

text14.Focus()

End If

End Sub

```
Private Sub DataGridView4_CellContentClick(ByVal sender As
System.Object, ByVal e As
System.Windows.Forms.DataGridViewCellEventArgs) Handles
DataGridView4.CellContentClick
```

Call Koneksi()

Dim i As Integer

```

i = DataGridView4.CurrentRow.Index

CMD = New SqlCommand("Select * from TBL_monitor where
kd_barang='" & DataGridView4.Item(0, i).Value & "'", CONN)

RD = CMD.ExecuteReader

RD.Read()

If Not RD.HasRows Then

    text12.Focus()

Else

    text12.Text = RD.Item("kd_barang")

    text13.Text = RD.Item("nm_perangkat")

    text14.Focus()

End If

End Sub

```

```

Private Sub DataGridView5_CellContentClick(ByVal sender As
System.Object, ByVal e As
System.Windows.Forms.DataGridViewCellEventArgs) Handles
DataGridView5.CellContentClick

```

```

    Call Koneksi()

    Dim i As Integer

    i = DataGridView5.CurrentRow.Index

    CMD = New SqlCommand("Select * from TBL_keyboard where
kd_barang='" & DataGridView5.Item(0, i).Value & "'", CONN)

    RD = CMD.ExecuteReader

    RD.Read()

    If Not RD.HasRows Then

        text12.Focus()

    Else

```

```

        text12.Text = RD.Item("kd_barang")
        text13.Text = RD.Item("nm_perangkat")
        text14.Focus()
    End If
End Sub

```

```

Private Sub DataGridView6_CellContentClick(ByVal sender As
System.Object, ByVal e As
System.Windows.Forms.DataGridViewCellEventArgs) Handles
DataGridView6.CellContentClick

```

```

    Call Koneksi()

    Dim i As Integer

    i = DataGridView6.CurrentRow.Index

    CMD = New SqlCommand("Select * from TBL_mouse where
kd_barang='" & DataGridView6.Item(0, i).Value & "'", CONN)

    RD = CMD.ExecuteReader

    RD.Read()

    If Not RD.HasRows Then

        text12.Focus()

    Else

        text12.Text = RD.Item("kd_barang")
        text13.Text = RD.Item("nm_perangkat")
        text14.Focus()

    End If
End Sub

```

```

Private Sub DataGridView7_CellContentClick(ByVal sender As
System.Object, ByVal e As

```

System.Windows.Forms.DataGridViewCellEventArgs) *Handles*
DataGridView7.CellContentClick

Call Koneksi()

Dim i As Integer

i = DataGridView7.CurrentRow.Index

*CMD = New SqlCommand("Select * from TBL_headset where
kd_barang="" & DataGridView7.Item(0, i).Value & """, CONN)*

RD = CMD.ExecuteReader

RD.Read()

If Not RD.HasRows Then

text12.Focus()

Else

text12.Text = RD.Item("kd_barang")

text13.Text = RD.Item("nm_perangkat")

text14.Focus()

End If

End Sub

*Private Sub DataGridView8_CellContentClick(ByVal sender As
System.Object, ByVal e As
System.Windows.Forms.DataGridViewCellEventArgs) Handles
DataGridView8.CellContentClick*

Call Koneksi()

Dim i As Integer

i = DataGridView8.CurrentRow.Index

*CMD = New SqlCommand("Select * from
TBL_m_perangkat_server where kd_barang="" &
DataGridView8.Item(0, i).Value & """, CONN)*

RD = CMD.ExecuteReader

```

RD.Read()

If Not RD.HasRows Then

    text12.Focus()

Else

    text12.Text = RD.Item("kd_barang")

    text13.Text = RD.Item("nm_perangkat")

    text14.Focus()

End If

End Sub

Private Sub text1_TextChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles text1.TextChanged

    If rbkdstaf.Checked = True Then

        Using sql As New SqlClient.SqlCommand("select kode_user as
'Kode User',nama_user as 'Nama User',level_user as 'Level User' from
tbl_admin where kode_user like '%" & text1.Text & "%' order by
kode_user ", CONN)

            Using dr As SqlClient.SqlDataReader = sql.ExecuteReader()

                Using dt As New DataTable

                    dt.Load(dr)

                    If dt.Rows.Count = 0 Then

                        DataGridView1.DataSource = Nothing

                    Else

                        DataGridView1.DataSource = dt

                    End If

                End Using

            End Using

        End Using
    
```

End Using

ElseIf rbnmstaf.Checked = True Then

*Using sql As New SqlClient.SqlCommand("Select select
kode_user as 'Kode User',nama_user as 'Nama User',level_user as
'Level User' from tbl_admin where nama_user like '%" & text1.Text &
"%"' order by nama_user ", CONN)*

Using dr As SqlClient.SqlDataReader = sql.ExecuteReader()

Using dt As New DataTable

dt.Load(dr)

If dt.Rows.Count = 0 Then

DataGridView1.DataSource = Nothing

Else

DataGridView1.DataSource = dt

End If

End Using

End Using

End Using

End If

End Sub

*Private Sub text2_TextChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles text2.TextChanged*

If rbsta1.Checked = True Then

*Using sql As New SqlClient.SqlCommand("Select * from
tbl_station where kd_barang like '%" & text2.Text & "%"' order by
kd_barang ", CONN)*

Using dr As SqlClient.SqlDataReader = sql.ExecuteReader()

Using dt As New DataTable

```

        dt.Load(dr)

        If dt.Rows.Count = 0 Then

            DataGridView2.DataSource = Nothing

        Else

            DataGridView2.DataSource = dt

        End If

    End Using

End Using

End Using

ElseIf rbsta2.Checked = True Then

    Using sql As New SqlClient.SqlCommand("Select * from
tbl_station where nm_perangkat like '%" & text2.Text & "%' order by
nm_perangkat ", CONN)

        Using dr As SqlClient.SqlDataReader = sql.ExecuteReader()

            Using dt As New DataTable

                dt.Load(dr)

                If dt.Rows.Count = 0 Then

                    DataGridView2.DataSource = Nothing

                Else

                    DataGridView2.DataSource = dt

                End If

            End Using

        End Using

    End Using

ElseIf rbsta3.Checked = True Then

```

```

        Using sql As New SqlClient.SqlCommand("Select * from
tbl_station where kondisi like '%" & text2.Text & "%' order by kondisi
", CONN)

```

```

        Using dr As SqlClient.SqlDataReader = sql.ExecuteReader()

```

```

        Using dt As New DataTable

```

```

            dt.Load(dr)

```

```

            If dt.Rows.Count = 0 Then

```

```

                DataGridView2.DataSource = Nothing

```

```

            Else

```

```

                DataGridView2.DataSource = dt

```

```

            End If

```

```

        End Using

```

```

    End Using

```

```

End Using

```

```

End If

```

```

End Sub

```

```

Private Sub text3_TextChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles text3.TextChanged

```

```

    If rbsta1.Checked = True Then

```

```

        Using sql As New SqlClient.SqlCommand("Select * from tbl_pc
where kd_barang like '%" & text3.Text & "%' order by kd_barang ",
CONN)

```

```

        Using dr As SqlClient.SqlDataReader = sql.ExecuteReader()

```

```

        Using dt As New DataTable

```

```

            dt.Load(dr)

```

```

            If dt.Rows.Count = 0 Then

```

```

                DataGridView3.DataSource = Nothing

```



```

Else
    DataGridView3.DataSource = dt
End If
End Using
End Using
End Using

ElseIf rbpc2.Checked = True Then
    Using sql As New SqlClient.SqlCommand("Select * from tbl_pc
where nm_perangkat like '%" & text3.Text & "%' order by
nm_perangkat ", CONN)

        Using dr As SqlClient.SqlDataReader = sql.ExecuteReader()

            Using dt As New DataTable

                dt.Load(dr)

                If dt.Rows.Count = 0 Then

                    DataGridView3.DataSource = Nothing

                Else

                    DataGridView3.DataSource = dt

                End If

            End Using

        End Using

    End Using

ElseIf rbpc3.Checked = True Then
    Using sql As New SqlClient.SqlCommand("Select * from tbl_pc
where kondisi like '%" & text3.Text & "%' order by kondisi ", CONN)

        Using dr As SqlClient.SqlDataReader = sql.ExecuteReader()

            Using dt As New DataTable

                dt.Load(dr)

```

```

        If dt.Rows.Count = 0 Then
            DataGridView3.DataSource = Nothing
        Else
            DataGridView3.DataSource = dt
        End If
    End Using
End Using
End Using
End If
End Sub

```

```

Private Sub text4_TextChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles text4.TextChanged

```

```

    If rbmon1.Checked = True Then

```

```

        Using sql As New SqlClient.SqlCommand("Select * from
tbl_monitor where kd_barang like '%" & text4.Text & "%' order by
kd_barang ", CONN)

```

```

            Using dr As SqlClient.SqlDataReader = sql.ExecuteReader()

```

```

                Using dt As New DataTable

```

```

                    dt.Load(dr)

```

```

                    If dt.Rows.Count = 0 Then

```

```

                        DataGridView4.DataSource = Nothing

```

```

                    Else

```

```

                        DataGridView4.DataSource = dt

```

```

                    End If

```

```

                End Using

```

```

            End Using

```

End Using

ElseIf rbmon2.Checked = True Then

*Using sql As New SqlClient.SqlCommand("Select * from
tbl_monitor where nm_perangkat like '%' & text4.Text & '%' order by
nm_perangkat ", CONN)*

Using dr As SqlClient.SqlDataReader = sql.ExecuteReader()

Using dt As New DataTable

dt.Load(dr)

If dt.Rows.Count = 0 Then

DataGridView4.DataSource = Nothing

Else

DataGridView4.DataSource = dt

End If

End Using

End Using

End Using

ElseIf rbmon3.Checked = True Then

*Using sql As New SqlClient.SqlCommand("Select * from
tbl_monitor where kondisi like '%' & text4.Text & '%' order by kondisi
", CONN)*

Using dr As SqlClient.SqlDataReader = sql.ExecuteReader()

Using dt As New DataTable

dt.Load(dr)

If dt.Rows.Count = 0 Then

DataGridView4.DataSource = Nothing

Else

DataGridView4.DataSource = dt

End If

End Using

End Using

End Using

End If

End Sub

*Private Sub text5_TextChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles text5.TextChanged*

If rbkey1.Checked = True Then

*Using sql As New SqlClient.SqlCommand("Select * from
tbl_keyboard where kd_barang like '%" & text5.Text & "%' order by
kd_barang ", CONN)*

Using dr As SqlClient.SqlDataReader = sql.ExecuteReader()

Using dt As New DataTable

dt.Load(dr)

If dt.Rows.Count = 0 Then

DataGridView5.DataSource = Nothing

Else

DataGridView5.DataSource = dt

End If

End Using

End Using

End Using

ElseIf rbkey2.Checked = True Then

*Using sql As New SqlClient.SqlCommand("Select * from
tbl_keyboard where nm_perangkat like '%" & text5.Text & "%' order
by nm_perangkat ", CONN)*

```

Using dr As SqlClient.SqlDataReader = sql.ExecuteReader()

Using dt As New DataTable

    dt.Load(dr)

    If dt.Rows.Count = 0 Then

        DataGridView5.DataSource = Nothing

    Else

        DataGridView5.DataSource = dt

    End If

End Using

End Using

End Using

ElseIf rbkey3.Checked = True Then

    Using sql As New SqlClient.SqlCommand("Select * from
tbl_keyboard where kondisi like '%" & text5.Text & "%' order by
kondisi ", CONN)

        Using dr As SqlClient.SqlDataReader = sql.ExecuteReader()

            Using dt As New DataTable

                dt.Load(dr)

                If dt.Rows.Count = 0 Then

                    DataGridView5.DataSource = Nothing

                Else

                    DataGridView5.DataSource = dt

                End If

            End Using

        End Using

    End Using

End Using

End If

```

End Sub

*Private Sub text6_TextChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles text6.TextChanged*

If rbmou1.Checked = True Then

*Using sql As New SqlClient.SqlCommand("Select * from
tbl_mouse where kd_barang like '%' & text6.Text & '%' order by
kd_barang ", CONN)*

Using dr As SqlClient.SqlDataReader = sql.ExecuteReader()

Using dt As New DataTable

dt.Load(dr)

If dt.Rows.Count = 0 Then

DataGridView6.DataSource = Nothing

Else

DataGridView6.DataSource = dt

End If

End Using

End Using

End Using

ElseIf rbmou2.Checked = True Then

*Using sql As New SqlClient.SqlCommand("Select * from
tbl_mouse where nm_perangkat like '%' & text6.Text & '%' order by
nm_perangkat ", CONN)*

Using dr As SqlClient.SqlDataReader = sql.ExecuteReader()

Using dt As New DataTable

dt.Load(dr)

If dt.Rows.Count = 0 Then

DataGridView6.DataSource = Nothing

```

Else
    DataGridView6.DataSource = dt
End If
End Using
End Using
End Using

ElseIf rbmou3.Checked = True Then
    Using sql As New SqlClient.SqlCommand("Select * from
tbl_mouse where kondisi like '%" & text6.Text & "%' order by kondisi
", CONN)

        Using dr As SqlClient.SqlDataReader = sql.ExecuteReader()

            Using dt As New DataTable

                dt.Load(dr)

                If dt.Rows.Count = 0 Then

                    DataGridView6.DataSource = Nothing

                Else

                    DataGridView6.DataSource = dt

                End If

            End Using

        End Using

    End Using

End Using

End If

End Sub

```

```

Private Sub text7_TextChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles text7.TextChanged

    If rbhead1.Checked = True Then

```

```
Using sql As New SqlClient.SqlCommand("Select * from
tbl_headset where kd_barang like '%" & text7.Text & "%' order by
kd_barang ", CONN)
```

```
Using dr As SqlClient.SqlDataReader = sql.ExecuteReader()
```

```
Using dt As New DataTable
```

```
dt.Load(dr)
```

```
If dt.Rows.Count = 0 Then
```

```
    DataGridView7.DataSource = Nothing
```

```
Else
```

```
    DataGridView7.DataSource = dt
```

```
End If
```

```
End Using
```

```
End Using
```

```
End Using
```

```
ElseIf rbhead2.Checked = True Then
```

```
Using sql As New SqlClient.SqlCommand("Select * from
tbl_headset where nm_perangkat like '%" & text7.Text & "%' order by
nm_perangkat ", CONN)
```

```
Using dr As SqlClient.SqlDataReader = sql.ExecuteReader()
```

```
Using dt As New DataTable
```

```
dt.Load(dr)
```

```
If dt.Rows.Count = 0 Then
```

```
    DataGridView7.DataSource = Nothing
```

```
Else
```

```
    DataGridView7.DataSource = dt
```

```
End If
```

```
End Using
```


End Using

End Using

ElseIf rbhead3.Checked = True Then

*Using sql As New SqlClient.SqlCommand("Select * from
tbl_headset where kondisi like '%" & text7.Text & "%' order by kondisi
", CONN)*

Using dr As SqlClient.SqlDataReader = sql.ExecuteReader()

Using dt As New DataTable

dt.Load(dr)

If dt.Rows.Count = 0 Then

DataGridView7.DataSource = Nothing

Else

DataGridView7.DataSource = dt

End If

End Using

End Using

End Using

End If

End Sub

*Private Sub text8_TextChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles text8.TextChanged*

If rbser1.Checked = True Then

*Using sql As New SqlClient.SqlCommand("Select * from
tbl_m_perangkat_server where kd_barang like '%" & text8.Text & "%'
order by kd_barang ", CONN)*

Using dr As SqlClient.SqlDataReader = sql.ExecuteReader()

Using dt As New DataTable

```

        dt.Load(dr)

        If dt.Rows.Count = 0 Then

            DataGridView8.DataSource = Nothing

        Else

            DataGridView8.DataSource = dt

        End If

    End Using

End Using

End Using

ElseIf rbser2.Checked = True Then

    Using sql As New SqlClient.SqlCommand("Select * from
tbl_m_perangkat_server where nm_perangkat like '%" & text8.Text &
"%"' order by nm_perangkat ", CONN)

        Using dr As SqlClient.SqlDataReader = sql.ExecuteReader()

            Using dt As New DataTable

                dt.Load(dr)

                If dt.Rows.Count = 0 Then

                    DataGridView8.DataSource = Nothing

                Else

                    DataGridView8.DataSource = dt

                End If

            End Using

        End Using

    End Using

End If

End Sub

```

Private Sub btn1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btn1.Click

If btn1.Text = "Input" Then

btn1.Text = "Simpan"

Call Koneksi()

*CMD = New SqlCommand("Select * from tbl_permintaan
where kd_permintaan in (select max(kd_permintaan) from
TBL_permintaan)", CONN)*

Dim urutan As String

Dim hitung As Long

RD = CMD.ExecuteReader

RD.Read()

If Not RD.HasRows Then

urutan = "ODR" + "001"

Else

hitung = Microsoft.VisualBasic.Right(RD.GetString(0), 3) +

1

*urutan = "ODR" + Microsoft.VisualBasic.Right("000" &
hitung, 3)*

End If

text9.Text = urutan

Else

*If text9.Text = "" Or text10.Text = "" Or text11.Text = "" Or
text12.Text = "" Or text13.Text = "" Or text14.Text = "" Or text15.Text
= "" Then*

MsgBox("Data belum lengkap, Pastikan Semua form terisi")

Exit Sub

Else

Call Koneksi()

```

    CMD = New SqlCommand("insert into tbl_permintaan values
    ('" & text9.Text & "','" & text10.Text & "','" & text11.Text & "','" &
    text12.Text & "','" & text13.Text & "','" & text14.Text & "','" &
    text15.Text & "','" & Format(Now.Date, "yyyy-MM-dd") & "')", CONN)

```

```

    CMD.ExecuteNonQuery()

```

```

    MsgBox("Data berhasil di Input", MsgBoxStyle.Information,
    "Information")

```

```

    Call Kondisiawal()

```

```

End If

```

```

End If

```

```

End Sub

```

```

Private Sub btn2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn2.Click

```

```

    If text9.Text = "" Or text10.Text = "" Or text11.Text = "" Or
    text12.Text = "" Or text13.Text = "" Or text14.Text = "" Or text15.Text
    = "" Then

```

```

        MsgBox("Data belum lengkap, dan Silahkan form diisi")

```

```

        Exit Sub

```

```

    Else

```

```

        Call Koneksi()

```

```

        Dim edit As String = "update TBL_permintaan set kode_user='"
        & text10.Text & "',nama_user='" & text11.Text & "',kd_barang='" &
        text12.Text & "',nm_perangkat='" & text13.Text & "',jml='" &
        text14.Text & "',keterangan='" & text15.Text & "' where
        kd_permintaan='" & text9.Text & "'"

```

```

        CMD = New SqlCommand(edit, CONN)

```

```

        CMD.ExecuteNonQuery()

```

```

        MsgBox("Data berhasil di Edit", MsgBoxStyle.Information,
        "Information")

```

```

        Call Kondisiawal()

```

End If

End Sub

Private Sub btn3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btn3.Click

If text9.Text = "" Or text10.Text = "" Or text11.Text = "" Or text12.Text = "" Or text13.Text = "" Or text14.Text = "" Or text15.Text = "" Then

MsgBox("Mohon pilih data yang ingin di hapus")

Exit Sub

Else

Call Koneksi()

Dim hapus As String = "delete from TBL_permintaan where kd_permintaan=" & text9.Text & """

CMD = New SqlCommand(hapus, CONN)

CMD.ExecuteNonQuery()

MsgBox("Data berhasil di Hapus", MsgBoxStyle.Information, "Information")

Call Kondisiawal()

End If

End Sub

Private Sub DataGridView9_CellContentClick(ByVal sender As System.Object, ByVal e As System.Windows.Forms.DataGridViewCellEventArgs) Handles DataGridView9.CellContentClick

Call Koneksi()

Dim i As Integer

i = DataGridView9.CurrentRow.Index

```
CMD = New SqlCommand("Select * from TBL_permintaan where  
kd_permintaan='" & DataGridView9.Item(0, i).Value & "'", CONN)
```

```
RD = CMD.ExecuteReader
```

```
RD.Read()
```

```
If Not RD.HasRows Then
```

```
text14.Focus()
```

```
Else
```

```
text9.Text = RD.Item("kd_permintaan")
```

```
text10.Text = RD.Item("kode_user")
```

```
text11.Text = RD.Item("nama_user")
```

```
text12.Text = RD.Item("kd_barang")
```

```
text13.Text = RD.Item("nm_perangkat")
```

```
text14.Text = RD.Item("jml")
```

```
text15.Text = RD.Item("keterangan")
```

```
text14.Focus()
```

```
rbkdstaf.Enabled = True
```

```
rbnmstaf.Enabled = True
```

```
rbsta.Enabled = True
```

```
rbpc.Enabled = True
```

```
rbmon.Enabled = True
```

```
rbkey.Enabled = True
```

```
rbmou.Enabled = True
```

```
rbhead.Enabled = True
```

```
rbser.Enabled = True
```

```
text14.Enabled = True
```

```
text15.Enabled = True
```

```

        Call datastaf()

    End If

End Sub

Private Sub btn6_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn6.Click

    AxCrystalReport1.SelectionFormula =
"({tbl_permintaan.kd_permintaan})= '" & (text9.Text) & "'"

    AxCrystalReport1.ReportFileName = "Laporan Permintaan
Barang.rpt"

    AxCrystalReport1.WindowState =
Crystal.WindowStateConstants.crptMaximized

    AxCrystalReport1.RetrieveDataFiles()

    AxCrystalReport1.Action = 1

End Sub

Private Sub btn5_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn5.Click

    Me.Close()

End Sub

End Class

```

2. Penerimaan barang

```

Imports System.Data.SqlClient

Public Class FormPenerimaanBarang

    Sub kondisiawal()

        text1.Text = ""
    End Sub
End Class

```

```

text2.Text = ""

textp1.Text = ""

textp2.Text = ""

textp3.Text = ""

textp4.Text = ""

textp5.Text = ""

textp6.Text = ""

textp2.Enabled = False

textp3.Enabled = False

textp4.Enabled = False

textp5.Enabled = False

btn1.Text = "Input"

Call dbgrid1()

Call dbgrid2()

Call dbgrid3()

End Sub

Sub dbgrid1()

    Koneksi()

    DA = New SqlDataAdapter("select kode_user as 'Kode
User',nama_user as 'Nama User',level_user as 'Level User'From
tbl_admin ", CONN)

    DS = New DataSet

    DS.Clear()

    DA.Fill(DS, "TBL_admin")

    DataGridView1.DataSource = DS.Tables("TBL_admin")

    DataGridView1.ReadOnly = True

End Sub

```


Sub dbgrid2()

Koneksi()

DA = New SqlDataAdapter("select kd_permintaan as 'Kode Permintaan',kode_user as 'Kode User',nama_user as 'Nama User',kd_barang as 'Kode Barang',nm_perangkat as 'Nama Perangkat',jml as Jumlah,keterangan as Keterangan, tgl_permintaan as 'Tanggal Permintaan'From tbl_permintaan", CONN)

DS = New DataSet

DS.Clear()

DA.Fill(DS, "TBL_permintaan")

DataGridView2.DataSource = DS.Tables("TBL_permintaan")

DataGridView2.ReadOnly = True

End Sub

Sub dbgrid3()

Koneksi()

DA = New SqlDataAdapter("select kd_penerimaan as 'Kode Penerimaan',kd_permintaan as 'Kode Permintaan',kode_user as 'Kode User',nama_user as 'Nama User',nm_perangkat as 'Nama Perangkat',jml as Jumlah, tgl_penerimaan as 'Tanggal Penerimaan'From tbl_penerimaan", CONN)

DS = New DataSet

DS.Clear()

DA.Fill(DS, "TBL_penerimaan")

DataGridView3.DataSource = DS.Tables("TBL_penerimaan")

DataGridView3.ReadOnly = True

End Sub

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

Call kondisiawal()

End Sub

*Private Sub text1_TextChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles text1.TextChanged*

If rb1.Checked = True Then

*Using sql As New SqlClient.SqlCommand("select kode_user as
'Kode User',nama_user as 'Nama User',level_user as 'Level User' from
tbl_admin where kode_user like '%" & text1.Text & "%' order by
kode_user ", CONN)*

Using dr As SqlClient.SqlDataReader = sql.ExecuteReader()

Using dt As New DataTable

dt.Load(dr)

If dt.Rows.Count = 0 Then

DataGridView1.DataSource = Nothing

Else

DataGridView1.DataSource = dt

End If

End Using

End Using

End Using

ElseIf rb2.Checked = True Then

*Using sql As New SqlClient.SqlCommand("Select select
kode_user as 'Kode User',nama_user as 'Nama User',level_user as
'Level User' from tbl_admin where nama_user like '%" & text1.Text &
"%' order by nama_user ", CONN)*

Using dr As SqlClient.SqlDataReader = sql.ExecuteReader()

Using dt As New DataTable

dt.Load(dr)

If dt.Rows.Count = 0 Then

```

        DataGridView1.DataSource = Nothing
    Else
        DataGridView1.DataSource = dt
    End If
End Using
End Using
End Using
End If
End Sub

Private Sub text2_TextChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles text2.TextChanged
    If rb3.Checked = True Then
        Using sql As New SqlClient.SqlCommand("select
kd_permintaan as 'Kode Permintaan',kode_user as 'Kode
User',Nama_user as 'Nama User',kd_barang as 'Kode
Barang',nm_perangkat as 'Nama Perangkat',jml as Jumlah,keterangan
as Keterangan, tgl_permintaan as 'Tanggal Permintaan' from
tbl_permintaan where kd_barang like '%" & text2.Text & "%' order by
kd_barang ", CONN)
            Using dr As SqlClient.SqlDataReader = sql.ExecuteReader()
                Using dt As New DataTable
                    dt.Load(dr)
                    If dt.Rows.Count = 0 Then
                        DataGridView2.DataSource = Nothing
                    Else
                        DataGridView2.DataSource = dt
                    End If
                End Using
            End Using
        End If
    End Using
End Sub

```

End Using

End Using

ElseIf rb4.Checked = True Then

```
Using sql As New SqlClient.SqlCommand("select
kd_permintaan as 'Kode Permintaan',kode_user as 'Kode
User',Nama_user as 'Nama User',kd_barang as 'Kode
Barang',nm_perangkat as 'Nama Perangkat',jml as Jumlah,keterangan
as Keterangan, tgl_permintaan as 'Tanggal Permintaan' from
tbl_permintaan where nm_perangkat like '%" & text2.Text & '%" order
by nm_perangkat ", CONN)
```

```
Using dr As SqlClient.SqlDataReader = sql.ExecuteReader()
```

```
Using dt As New DataTable
```

```
dt.Load(dr)
```

```
If dt.Rows.Count = 0 Then
```

```
DataGridView2.DataSource = Nothing
```

```
Else
```

```
DataGridView2.DataSource = dt
```

```
End If
```

End Using

End Using

End Using

ElseIf rb5.Checked = True Then

```
Using sql As New SqlClient.SqlCommand("select
kd_permintaan as 'Kode Permintaan',kode_user as 'Kode
User',Nama_user as 'Nama User',kd_barang as 'Kode
Barang',nm_perangkat as 'Nama Perangkat',jml as Jumlah,keterangan
as Keterangan, tgl_permintaan as 'Tanggal Permintaan' from
tbl_permintaan where kd_permintaan like '%" & text2.Text & '%"
order by kd_permintaan ", CONN)
```

```
Using dr As SqlClient.SqlDataReader = sql.ExecuteReader()
```

```
Using dt As New DataTable
```

```

        dt.Load(dr)

        If dt.Rows.Count = 0 Then

            DataGridView2.DataSource = Nothing

        Else

            DataGridView2.DataSource = dt

        End If

    End Using

End Using

End Using

End If

End Sub

```

```

Private Sub DataGridView1_CellContentClick(ByVal sender As
System.Object, ByVal e As
System.Windows.Forms.DataGridViewCellEventArgs) Handles
DataGridView1.CellContentClick

```

```

    Call Koneksi()

    Dim i As Integer

    i = DataGridView1.CurrentRow.Index

    CMD = New SqlCommand("Select * from TBL_admin where
kode_user='" & DataGridView1.Item(0, i).Value & "'", CONN)

    RD = CMD.ExecuteReader

    RD.Read()

    If Not RD.HasRows Then

        textp3.Focus()

    Else

        textp3.Text = RD.Item("kode_user")
    End If
End Sub

```

```

        textp4.Text = RD.Item("nama_user")

        textp2.Focus()

    End If

End Sub

Private Sub DataGridView2_CellContentClick(ByVal sender As
System.Object, ByVal e As
System.Windows.Forms.DataGridViewCellEventArgs) Handles
DataGridView2.CellContentClick

    Call Koneksi()

    Dim i As Integer

    i = DataGridView2.CurrentRow.Index

    CMD = New SqlCommand("Select * from TBL_permintaan where
kd_permintaan='" & DataGridView2.Item(0, i).Value & "'", CONN)

    RD = CMD.ExecuteReader

    RD.Read()

    If Not RD.HasRows Then

        textp1.Focus()

    Else

        textp2.Text = RD.Item("kd_permintaan")

        textp5.Text = RD.Item("nm_perangkat")

        textp6.Focus()

    End If

End Sub

Private Sub DataGridView3_CellContentClick(ByVal sender As
System.Object, ByVal e As
System.Windows.Forms.DataGridViewCellEventArgs) Handles
DataGridView3.CellContentClick

    Call Koneksi()

```

Dim i As Integer

i = DataGridView3.CurrentRow.Index

*CMD = New SqlCommand("Select * from TBL_penerimaan where
kd_penerimaan="" & DataGridView3.Item(0, i).Value & """, CONN)*

RD = CMD.ExecuteReader

RD.Read()

If Not RD.HasRows Then

textp1.Focus()

Else

textp1.Text = RD.Item("kd_penerimaan")

textp2.Text = RD.Item("kd_permintaan")

textp3.Text = RD.Item("kode_user")

textp4.Text = RD.Item("nama_user")

textp5.Text = RD.Item("nm_perangkat")

textp6.Text = RD.Item("jml")

textp1.Focus()

End If

End Sub

*Private Sub btn1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn1.Click*

If btn1.Text = "Input" Then

btn1.Text = "Simpan"

Call Koneksi()

*CMD = New SqlCommand("Select * from tbl_penerimaan
where kd_penerimaan in (select max(kd_penerimaan) from
TBL_penerimaan)", CONN)*

```

RD = CMD.ExecuteReader

RD.Read()

If textp1.Text = "" Or textp2.Text = "" Or textp3.Text = "" Or
textp4.Text = "" Or textp5.Text = "" Or textp6.Text = "" Then

    MsgBox("Data belum lengkap, Pastikan Semua form terisi")

    Exit Sub

Else

    Call Koneksi()

    CMD = New SqlCommand("Select * from tbl_penerimaan
where kd_permintaan=" & textp2.Text & " ", CONN)

    RD = CMD.ExecuteReader

    RD.Read()

    If Not RD.HasRows Then

        Call Koneksi()

        CMD = New SqlCommand("insert into tbl_penerimaan
values (" & textp1.Text & "," & textp2.Text & "," & textp3.Text &
"," & textp4.Text & "," & textp5.Text & "," & textp6.Text & "," &
Format(Now.Date, "yyyy-MM-dd") & ")", CONN)

        CMD.ExecuteNonQuery()

        MsgBox("Data berhasil di Input",
MsgBoxStyle.Information, "Information")

        Call kondisiawal()

    Else

        MsgBox("Kode Permintaan Sudah Ada Mohon Input Data
Dengan Kode Permintaan Yang Berbeda")

        Call kondisiawal()

    End If

End If

End If

```


End Sub

Private Sub btn2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btn2.Click

If textp1.Text = "" Or textp2.Text = "" Or textp3.Text = "" Or textp4.Text = "" Or textp5.Text = "" Or textp6.Text = "" Then

MsgBox("Data belum lengkap, dan Silahkan form diisi")

Exit Sub

Else

Call Koneksi()

Dim edit As String = "update TBL_penerimaan set kd_penerimaan="" & textp1.Text & ", kd_permintaan="" & textp2.Text & ",kode_user="" & textp3.Text & ",nama_user="" & textp4.Text & ",nm_perangkat="" & textp5.Text & ",jml="" & textp6.Text & "" "

CMD = New SqlCommand(edit, CONN)

CMD.ExecuteNonQuery()

MsgBox("Data berhasil di Edit", MsgBoxStyle.Information, "Information")

Call kondisiawal()

End If

End Sub

Private Sub btn3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btn3.Click

If textp1.Text = "" Or textp2.Text = "" Or textp3.Text = "" Or textp4.Text = "" Or textp5.Text = "" Or textp6.Text = "" Then

MsgBox("Mohon pilih data yang ingin di hapus")

Exit Sub

Else

Call Koneksi()

*Dim hapus As String = "delete from TBL_penerimaan where
kd_penerimaan="" & textp1.Text & """*

CMD = New SqlCommand(hapus, CONN)

CMD.ExecuteNonQuery()

*MsgBox("Data berhasil di Hapus", MsgBoxStyle.Information,
"Information")*

Call kondisiawal()

End If

End Sub

*Private Sub btn4_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn4.Click*

Call kondisiawal()

End Sub

*Private Sub btn5_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn5.Click*

Me.Close()

End Sub

*Private Sub Button1_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles Button1.Click*

*AxCrystalReport1.SelectionFormula =
"({tbl_penerimaan.kd_penerimaan})= "" & (textp1.Text) & """*

*AxCrystalReport1.ReportFileName =
"LapPenerimaanBarang.rpt"*

```

        AxCrystalReport1.WindowState =
Crystal.WindowStateConstants.crptMaximized

        AxCrystalReport1.RetrieveDataFiles()

        AxCrystalReport1.Action = 1

    End Sub

End Class

```

3. Add/del user

```

Imports System.Data.SqlClient

Public Class Formadduser

    Sub tampillevel()

        ComboBox1.Items.Clear()

        ComboBox1.Items.Add("ADMIN")

        ComboBox1.Items.Add("USER")

    End Sub

    Sub kondisiawal()

        Koneksi()

        DA = New SqlDataAdapter("select kode_user as 'Kode User'
,Nama_user as 'Nama User' ,Password_user as 'Password
User',level_user as 'Level_user' From tbl_admin", CONN)

        DS = New DataSet

        DS.Clear()

        DA.Fill(DS, "TBL_admin")

        DataGridView1.DataSource = DS.Tables("TBL_admin")

        DataGridView1.ReadOnly = True

        TextBox1.Text = ""
    End Sub
End Class

```

```
TextBox2.Text = ""
```

```
TextBox3.Text = ""
```

```
ComboBox1.Text = ""
```

```
TextBox1.Enabled = False
```

```
Button1.Text = "INPUT"
```

```
End Sub
```

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

```
Call kondisiawal()
```

```
Call tampillevel()
```

```
End Sub
```

```
Private Sub Button1_Click(ByVal sender As System.Object, ByVal e  
As System.EventArgs) Handles Button1.Click
```

```
If Button1.Text = "INPUT" Then
```

```
Button1.Text = "SAVE"
```

```
Call Koneksi()
```

```
CMD = New SqlCommand("Select * from tbl_admin where  
kode_user in (select max(kode_user) from TBL_admin)", CONN)
```

```
Dim urutan As String
```

```
Dim hitung As Long
```

```
RD = CMD.ExecuteReader
```

```
RD.Read()
```

```
If Not RD.HasRows Then
```

```
urutan = "INF" + "001"
```

```
Else
```

```

        hitung = Microsoft.VisualBasic.Right(RD.GetString(0), 3) +
1
        urutan = "INF" + Microsoft.VisualBasic.Right("000" &
hitung, 3)

    End If

    TextBox1.Text = urutan

Else

    If TextBox1.Text = "" Or TextBox2.Text = "" Or TextBox3.Text
= "" Or ComboBox1.Text = "" Then

        MsgBox("Data belum lengkap, Pastikan Semua form terisi")

        Exit Sub

    Else

        Call Koneksi()

        Dim simpan As String = "insert into tbl_admin values (" &
TextBox1.Text & "," & TextBox2.Text & "," & TextBox3.Text & "," &
ComboBox1.Text & ")"

        CMD = New SqlCommand(simpan, CONN)

        CMD.ExecuteNonQuery()

        MsgBox("Data berhasil di Input", MsgBoxStyle.Information,
"Information")

        Call kondisiawal()

    End If

End If

End Sub

Private Sub Button3_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles Button3.Click

    Call kondisiawal()

    Call tampillevel()

```

End Sub

Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button2.Click

If TextBox1.Text = "" Or TextBox2.Text = "" Or TextBox3.Text = "" Or ComboBox1.Text = "" Then

MsgBox("Data belum lengkap, dan Silahkan form diisi")

Exit Sub

Else

Call Koneksi()

Dim edit As String = "update TBL_admin set nama_user=" & TextBox2.Text & ",password_user=" & TextBox3.Text & ",level_user=" & ComboBox1.Text & " where kode_user=" & TextBox1.Text & """

CMD = New SqlCommand(edit, CONN)

CMD.ExecuteNonQuery()

MsgBox("Data berhasil di Edit", MsgBoxStyle.Information, "Information")

Call kondisiawal()

End If

End Sub

Private Sub DataGridView1_CellContentClick(ByVal sender As System.Object, ByVal e As System.Windows.Forms.DataGridViewCellEventArgs) Handles DataGridView1.CellContentClick

Call Koneksi()

Dim i As Integer

i = DataGridView1.CurrentRow.Index

```
CMD = New SqlCommand("Select * from TBL_admin where
kode_user=" & DataGridView1.Item(0, i).Value & "", CONN)
```

```
RD = CMD.ExecuteReader
```

```
RD.Read()
```

```
If Not RD.HasRows Then
```

```
    TextBox2.Focus()
```

```
Else
```

```
    TextBox1.Text = RD.Item("kode_user")
```

```
    TextBox2.Text = RD.Item("nama_user")
```

```
    TextBox3.Text = RD.Item("password_user")
```

```
    ComboBox1.Text = RD.Item("level_user")
```

```
    TextBox2.Focus()
```

```
End If
```

```
End Sub
```

```
Private Sub Button4_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles Button4.Click
```

```
    If TextBox1.Text = "" Or TextBox2.Text = "" Or TextBox3.Text =
"" Or ComboBox1.Text = "" Then
```

```
        MsgBox("Mohon pilih data yang ingin di hapus")
```

```
    Exit Sub
```

```
Else
```

```
    Call Koneksi()
```

```
    Dim hapus As String = "delete from TBL_admin where
kode_user=" & TextBox1.Text & ""
```

```
CMD = New SqlCommand(hapus, CONN)
```

```
CMD.ExecuteNonQuery()
```

```
MsgBox("Data berhasil di Hapus", MsgBoxStyle.Information,
"Information")
```

```
Call kondisiawal()
```

```
End If
```

```
End Sub
```

```
Private Sub Button5_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles Button5.Click
```

```
Me.Close()
```

```
End Sub
```

```
End Class
```

4.4. Testing

1. Form Login

Tabel IV.13 Hasil Pengujian Black Bok Testing Form Login

No	Skenario Pengujian	Test Case	Hasil Yang Diharapkan	Hasil Pengujian	Kesimpulan
1	Mengosongkan semua isian data login untuk username dan password lalu klik 'Login'	Username: (kosong) Password: (kosong)	Sistem akan menolak akses login dan menampilkan pesan "data login belum lengkap"	Sesuai harapan	Valid
2	Mengisi salah satu isian data login untuk username, lalu klik 'Login'	Username: (admin) Password: (kosong)	Sistem akan menolak akses login dan menampilkan pesan "data login belum lengkap"	Sesuai harapan	Valid
3	Mengisi salah satu isian data login untuk password, lalu klik 'Login'	Username: (kosong) Password:	Sistem akan menolak akses login dan	Sesuai harapan	Valid

		(user)	menampilkan pesan “data login belum lengkap”		
4	Menginput semua isian data login untuk admin dengan benar, lalu klik ‘Login	Username: (user) Password: (user)	Sistem akan menerima akses login dan menampilkan halaman utama	Sesuai harapan	Valid

2. Form Input Sales Order

Tabel IV.14 Hasil Pengujian Black Bok Testing Form Input Permintaan Barang

No	Skenario Pengujian	Test Case	Hasil Yang Diharapkan	Hasil Pengujian	Kesimpulan
1	Memilih data <i>staff</i>	Datagridview dipilih	Sistem menyimpan data dengan klik save	Sesuai harapan	Valid
2	Memilih data perangkat	Datagridview dipilih	Sistem menyimpan data dengan klik save	Sesuai harapan	Valid
3	Memilih button input	Button dipilih	Sistem menyimpan data dengan klik save	Sesuai harapan	Valid
4	Memilih data permintaan barang	Datagridview dipilih	Sistem akan menampilkan data permintaan barang	Sesuai harapan	Valid

4.5. Support

Support menjelaskan tentang penerapan aplikasi Dekstop. Penerapan aplikasi Dekstop pada PT. Infomedia Nusantara ini hanya dilakukan dalam ruang lingkup internal saja atau karyawan saja. Dalam penerapan aplikasi dekstop yang dibuat penulis hanya untuk kepentingan secara internal.

4.5.1. Spesifikasi Hardware dan Software

Tabel IV.15 Spesifikasi *Hardware* dan *Software*

Kebutuhan	Keterangan
Sistem Operasi	Windows 7
<i>Processor</i>	Intel® Core™ Duo prosccessor T6600
RAM	4 GB
<i>Harddisk</i>	320 GB
CD-ROM	DVD <i>writing and reading</i>
Monitor	14 inch
<i>Keyboard</i>	86 Keys
Printer	HP Laser jet P1102
<i>Mouse</i>	Standar
<i>Software</i>	Microsoft Visual Studio 2010 Ultimate, Microsoft SQL Server 2008

4.6. Spesifikasi Dokumen Sistem Usulan

1. Nama Dokumen : Laporan Aset Server

Fungsi : Sebagai bukti Aset Server

Sumber : *Staff IT*

Tujuan : Spv IT & Koordinator IT

Media : Tampilan

Frekuensi : Setiap ada perangkat masuk dari logistik

Format : Lampiran B-1
2. Nama Dokumen : Laporan Perangkat Operasional

Fungsi : Sebagai bukti perangkat operasional

Sumber : *Staff IT*
 Tujuan : Spv IT & Koordinator IT
 Media : Tampilan
 Frekuensi : Setiap ada perangkat masuk dari logistik
 Format : Lampiran B-2

3. Nama Dokumen : Laporan Permintaan Barang
 Fungsi : Sebagai bukti permintaan barang
 Sumber : Spv IT
 Tujuan : Logistik
 Media : Tampilan
 Frekuensi : Setiap permintaan barang ke logistik
 Format : Lampiran B-3

4. Nama Dokumen : Laporan Penerimaan Barang
 Fungsi : Sebagai bukti penerimaan barang
 Sumber : Logistik
 Tujuan : *Staff IT*
 Media : Tampilan
 Frekuensi : Setiap penerimaan barang kepada *Staff IT*
 Format : Lampiran B-4