**CONTROLER**

**Table ControlLogin**

Menulogin: view

Aplication; model

ControllerMenuAdmin: cma

ControlerRegister: cc

ControllerMenuKaryawan: cmu

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+ ActionPerform(actionEven e) : void

+ controllerLogin(application model)

**Table ControlerMenuKaryawan**

MenuKaryawan:view

Application: model

Database: db

controlerLogin: cl

int: hargaa

int: hargaa1, hargaa2

int: total

controllerMenuKaryawan; cmu

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ControllerMenukAryawan(application model)

Load table() : void

Actionperform(actioneven e): void

BtnTambahActionPerform():void

BtnbtnhitungActionPerform(): void

**Table controllerMenuAdmin**

menuAdmin: view

database:db

application:model

controllerLogin: cl

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ControllerMenuAdmin(application model)

LoadTable() : void

ActionPerform(actioneven e): void

Btntambah action perform() : void

btnhapusActionperform(): void

btncariActionPerform: void

mouseTressed(mouse even me): void

**Table ControlerRegister**

Application:model

Menu Register: viewRegister

Database: db

Karyawan: cust

ControllerLogin: cl

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controlerRegister(application model)

actionperform(action even ae): void

**Table Driver**

Static Void Main(String[] args)

**MODEL**

**Table Admin**

Username: string

Password: string

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Admin(string username, string password, String name, string phone number, String address)

Admin(string username, string password)

GetUsername():string

SetUsername(string username ): void

GetPassword(): String

setPassword(String password): void

**Table application**

Database: db

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Application()

LoginUser(string username, string password): Boolean

LoginAdmin(string username, string password): Boolean

RegisterCostumer(String Name, String PhoneNumber, String Address, String Username, String Password): void

**Table Database**

Connection : connection

ArrayList<Pesanan> pesanan

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Database()

connect() : void

disconnect() : void

manipulate(String query) : Boolean

cekDuplikatKodePesanan(String kode) : boolean

addPesanan(Pesanan b) : void

loginAdmin(Admin a) : Boolean

loginCustomer(Karyawan a) : boolean

RegisterCustomer(Karyawan a) : void

loadBuku() : void

ArrayList<Pesanan> getPesanan()

delPesanan(String kode) : void

updatePesanan(Pesanan b) : void

**Table Karyawan**

Username : String

Password : String

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Karyawan(String Name, String PhoneNumber, String Address, String Username, String Password)

Karyawan (String Username, String Password)

getUsername() : String

setUsername(String Username) : void

getPassword() : String

setPassword(String Password) : void

**Table Person**

Nama : String

PhoneNumber : String

Address : String

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Person(String Name, String PhoneNumber, String Address)

Person ()

getName() : String

setName(String Name) : void

getPhoneNumber() : String

setPhoneNumber(String PhoneNumber) : void

getAddress() : String

setAddress(String Address) : void

**Table Pesanan**

Idlaundry String

Nama : String

Notelp String

Alamat String

Jcucian String

Service String

Rett : String

Berat int

Harga int

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Pesanan(String idlaundry, String nama, String notelp, String alamat, String jcucian,String service,String rett, int berat, int harga)

getIdlaundry() : String

setIdlaundry(String idlaundry) : void

getNama() : String

setNama(String nama) : void

getNotelp() : String

setNotelp(String notelp) : void

getAlamat() : String

setAlamat(String alamat) : void

getJcucian() : String

setJcucian(String jcucian) : void

getBerat() : int

setBerat(int berat) : void

getHarga() : int

setHarga(int harga) : void

getService() : String

setService(String service) : void

getRett() : String

setRett(String rett) : void

**VIEW**

**Table MenuAdmin**

javax.swing.JButton btnCari;

javax.swing.JButton btnDelete;

javax.swing.JButton btnLogOut;

javax.swing.JButton btnReset;

javax.swing.JButton btnTambah;

javax.swing.JButton btnUpdate;

javax.swing.JComboBox<String> category;

javax.swing.JTextArea jAlamat;

javax.swing.JTextField jBerat;

javax.swing.JTextField jCucian;

javax.swing.JTextField jDaftarpesanan;

javax.swing.JTextField jHarga;

javax.swing.JTextField jIdlaundry;

javax.swing.JLabel jLabel1;

javax.swing.JLabel jLabel10;

javax.swing.JLabel jLabel12;

javax.swing.JLabel jLabel2;

javax.swing.JLabel jLabel3;

javax.swing.JLabel jLabel4;

javax.swing.JLabel jLabel5;

javax.swing.JLabel jLabel6;

javax.swing.JLabel jLabel7;

javax.swing.JLabel jLabel8;

javax.swing.JLabel jLabel9;

javax.swing.JTextField jNama;

javax.swing.JTextField jNotelp;

javax.swing.JPanel jPanel1;

javax.swing.JPanel jPanel4;

javax.swing.JTextField jRett;

javax.swing.JScrollPane jScrollPane1;

javax.swing.JScrollPane jScrollPane2;

javax.swing.JScrollPane jScrollPane3;

javax.swing.JScrollPane jScrollPane4;

javax.swing.JTextField jService;

javax.swing.JTable jTable1;

javax.swing.JTable jtbPesanan;

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JButton getBtnCari()

JButton getBtnDelete()

JButton getBtnReset()

JButton getBtnTambah()

JButton getBtnUpdate()

JButton getBtnLogOut()

getCategory() : int

JTable getJtbPesanan()

getSelectedPesanan() : int

setTbPesanan(DefaultTableModel x) : void

getjAlamat() : String

setjAlamat(String jAlamat) : void

getjBerat() : String

setjBerat(String jBerat) : void

getjDaftarpesanan() : String

setjDaftarpesanan(String jDaftarpesanan) : void

getjHarga() : String

setjHarga(String jHarga) : void

getjIdlaundry() : String

setjIdlaundry(String jIdlaundry) : void

getjNama() : String

setjNama(String jNama) : void

getjNotelp() : String

setjNotelp(String jNotelp) : void

getjCucian() : String

setjCucian(String jCucian) : void

getjRett() : String

setjRett(String jRett) : void

getjService() : String

setjService(String jService) : void

Reset() : void

addActionListener(ActionListener x) : void

addMouseAdapter(MouseAdapter x) : void

showMessage(String message, String title, int type) : void

**Table MenuKaryawan**

MenuKaryawan()

javax.swing.JPanel FdDetail

javax.swing.JButton btnExit

javax.swing.JButton btnHitung

javax.swing.JButton btnSubmit

javax.swing.ButtonGroup buttonGroup1

javax.swing.JTextArea jAlamat

javax.swing.JCheckBox jDelivery

javax.swing.JTextField jIdlaundry

javax.swing.JLabel jLabel1

javax.swing.JLabel jLabel10

javax.swing.JLabel jLabel11

javax.swing.JLabel jLabel12

javax.swing.JLabel jLabel2

javax.swing.JLabel jLabel3

javax.swing.JLabel jLabel4

javax.swing.JLabel jLabel5

javax.swing.JLabel jLabel6

javax.swing.JLabel jLabel7

javax.swing.JLabel jLabel8

javax.swing.JLabel jLabel9

javax.swing.JTextField jNama

javax.swing.JTextField jNotelp

javax.swing.JPanel jPanel1

javax.swing.JPanel jPanel2

javax.swing.JCheckBox jPickup

javax.swing.JScrollPane jScrollPane1

javax.swing.JScrollPane jScrollPane3

javax.swing.JSeparator jSeparator1

javax.swing.JComboBox<String> jcbService

javax.swing.JComboBox<String> jcbType

javax.swing.JTable jtbPesanan

javax.swing.JTextField tfBerat

javax.swing.JTextField tfTotal

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JButton getBtnSubmit()

JButton getBtnHitung()

JButton getBtnExit()

getPick() : String

getService() : String

getRet() : String

getTfBerat() : String

setTfBerat(String tfBerat) : void

getTfTotal() : String

setTfTotal(String tfTotal) : void

JTable getJtbPesanan()

getjAlamat() : String

setjAlamat(String jAlamat) : void

setjNotelp(String jNotelp) : void

getjIdlaundry() : String

setjIdlaundry(String jIdlaundry) : void

getjNama() : String

setjNama(String jNama) : void

getjNotelp() : String

setTbPesanan(DefaultTableModel x) : void

JLabel getjLabel8()

setjLabel8(JLabel jLabel8) : void

addActionListener(ActionListener x) : void

showMessage(String message, String title, int type) : void

Reset() : void

**Table MenuLogin**

MenuLogin()

javax.swing.JButton btnAdminLogin

javax.swing.JButton btnRegister

javax.swing.JButton btnUserLogin

javax.swing.JButton btnlogin1

javax.swing.JLabel jLabel1

javax.swing.JLabel jLabel2

javax.swing.JLabel jLabel3

javax.swing.JPanel jPanel1

javax.swing.JPanel jPanel2

javax.swing.JSeparator jSeparator1

javax.swing.JSeparator jSeparator2

javax.swing.JCheckBox jcPw

javax.swing.JTextField tfLgUname

javax.swing.JPasswordField tfPwLogin

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JButton getBtnAdminLogin()

setBtnAdminLogin(JButton btnAdminLogin) : void

JButton getBtnRegister()

setBtnRegister(JButton btnRegister) : void

JButton getBtnUserLogin()

setBtnUserLogin(JButton btnUserLogin) : void

getTfLgUname() : String

setTfLgUname(String tfLgUname) : void

getTfPwLogin() : String

setTfPwLogin(String tfPwLogin) : void

addActionListener(ActionListener e) : void

**Table MenuRegister**

MenuRegister()

javax.swing.JButton btnBack

javax.swing.JButton btnRegis

javax.swing.JLabel jLabel1

javax.swing.JLabel jLabel2

javax.swing.JLabel jLabel3

javax.swing.JLabel jLabel4

javax.swing.JLabel jLabel5

javax.swing.JLabel jLabel6

javax.swing.JPanel jPanel1

javax.swing.JSeparator jSeparator1

javax.swing.JTextField tfAdr

javax.swing.JTextField tfName

javax.swing.JTextField tfPhone

javax.swing.JTextField tfPw

javax.swing.JTextField tfUname

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getTfNameCostumer() : String

getTfPhoneNumber() : String

getTfAddress() : String

getTfUsername() : String

getTfPassword() : String

JButton getBtnRegister()

JButton getBtnBack()

addActionListener(ActionListener e) : void

showMessage(String message, String title, int type) : void