# LAPORAN PRAKTIKUM PEKAN 3 PEMOGRAMAN BERORIENTASI OBJEK



## Oleh:

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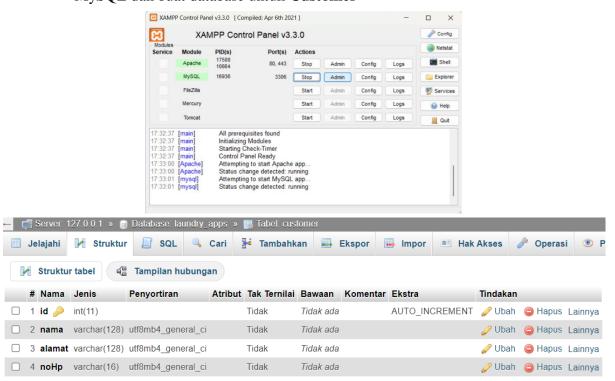
NIM 2311532005

# MATA KULIAH PEMOGRAMAN BERORIENTASI OBJEK DOSEN PENGAMPU : NURFIAH, S.ST., M.KOM.

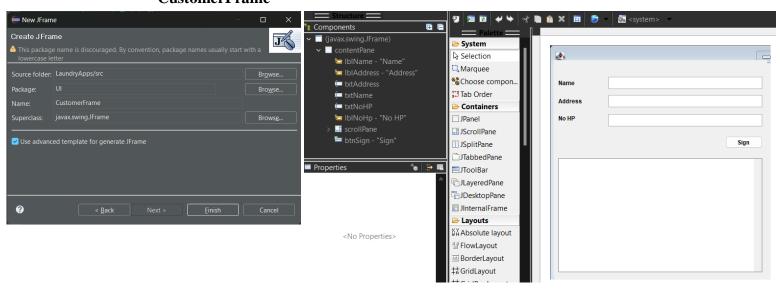
FAKULTAS TEKNOLOGI INFORMASI
DEPARTEMEN INFORMATIKA
UNIVERSITAS ANDALAS
PADANG, SEPTEMBER 2024

#### **PEMBAHASAN**

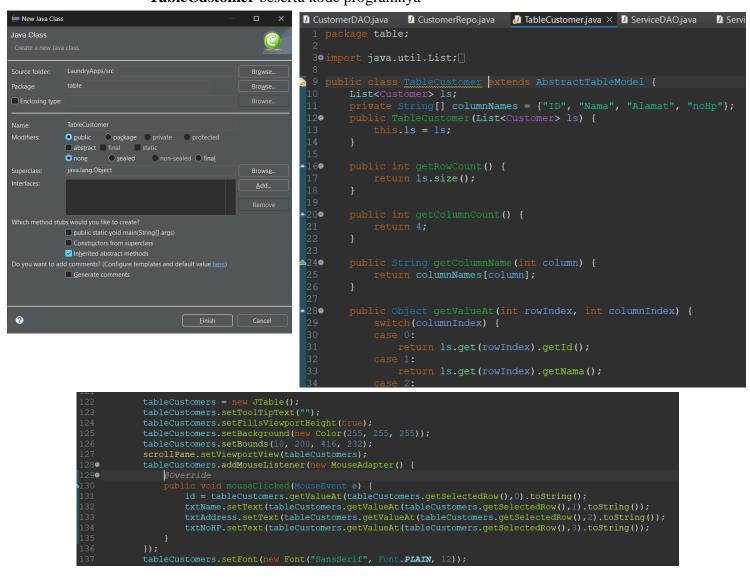
 Buka phpmyadmin melalui xampp, jangan lupa mencentang kolom Apache dan MySQL dan buat database untuk Customer



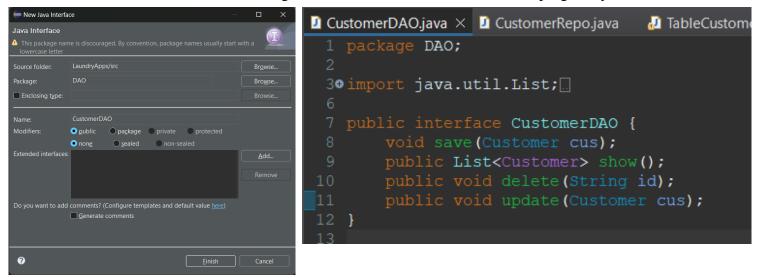
Buka aplikasi eclipse, lalu buat file baru pada package UI dengan nama JFrame
 CustomerFrame



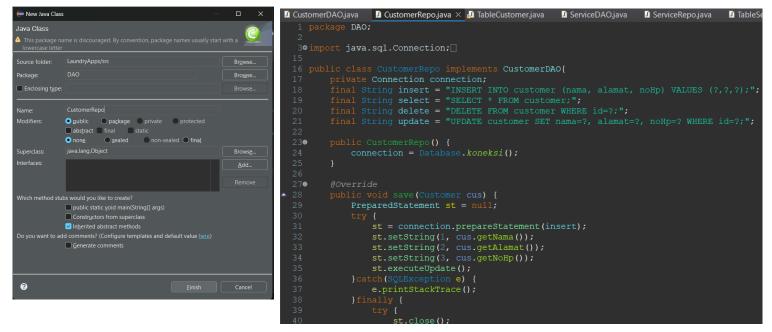
3. Kemudian buat class untuk bagian JTable yang ada pada UI dengan nama **TableCustomer** beserta kode programnya



4. Buat class DAO dengan nama **CustomerDAO** beserta kode programnya



5. Kemudian buat juga class **CustomerRepo** pada package DAO



6. Pada class UI CustomerFrame, buat instance serta method **reset** dan **loadTable** pada bagian luar main method

```
41
       CustomerRepo cusr = new CustomerRepo();
       List<Customer> ls;
       String id;
44
45●
       public void reset() {
           txtName.setText("");
           txtAddress.setText("");
           txtNoHP.setText("");
50●
       public void loadTable() {
           ls = cusr.show();
           TableCustomer tc = new TableCustomer(ls);
           tableCustomers.setModel(tc);;
54
           tableCustomers.getTableHeader().setVisible(true);
```

7. Pada button Sign, Update dan Delete UI tambahkan program berikut

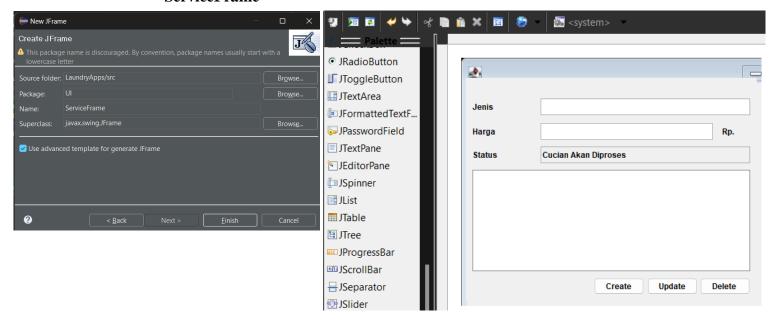
```
JButton btnSign = new JButton("Sign");
141●
                btnSign.addActionListener(new ActionListener() {
142
                          Customer cus = new Customer();
                          cus.setNama(txtName.getText());
                          cus.setAlamat(txtAddress.getText());
                          cus.setNoHp(txtNoHP.getText());
                          reset();
                          cusr.save(cus);
                          loadTable();
                     }
                });
                btnSign.setFont(new Font("SansSerif", Font.BOLD, 12));
                btnSign.setBounds(351, 155, 75, 25);
                contentPane.add(btnSign);
                JButton btnUpdate = new JButton("Update");
                btnUpdate.addActionListener(new ActionListener() {
   public void actionPerformed(ActionEvent e) {
156●
157⊜
                          cus.setNama(txtName.getText());
                          cus.setAlamat(txtAddress.getText());
                          cus.setNoHp(txtNoHP.getText());
                          cus.setId(id);
                          cusr.update(cus);
                          reset();
                          loadTable();
                btnUpdate.setFont(new Font("SansSerif", Font.BOLD, 12));
                btnUpdate.setBounds(272, 157, 75, 25);
                contentPane.add(btnUpdate);
                 on btnDelete = new JButton("Delete");
           btnDelete.addActionListener(new ActionListener() {
   public void actionPerformed(ActionEvent e) {
      if(id != null) {
        cusr.delete(id);
      }
}
 740
           btnDelete.setFont(new Font("SansSerif", Font.BOLD, 12));
btnDelete.setBounds(351, 157, 75, 25);
```

8. Jangan lupa tambahkan juga loadtable() pada method main agar tabel akan muncul saat program di running

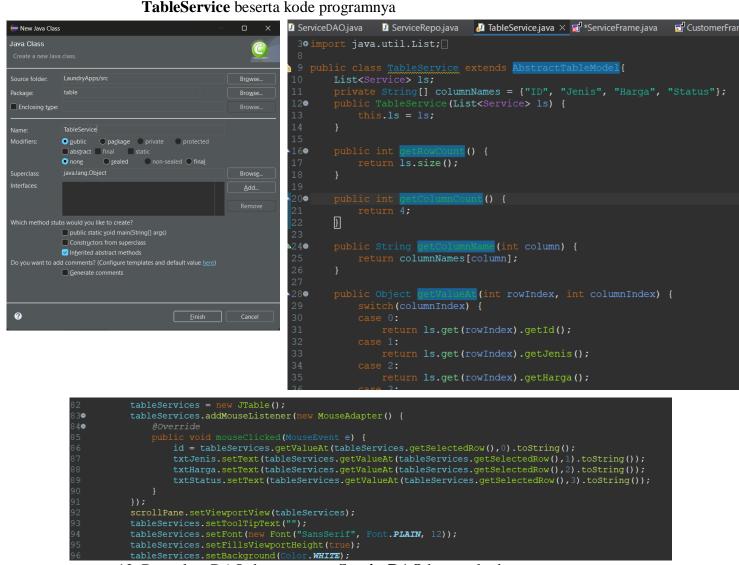
9. Buka kembali phpmyadmin dan buat database untuk Service



10. Buka aplikasi eclipse, lalu buat file baru pada package UI dengan nama JFrame ServiceFrame



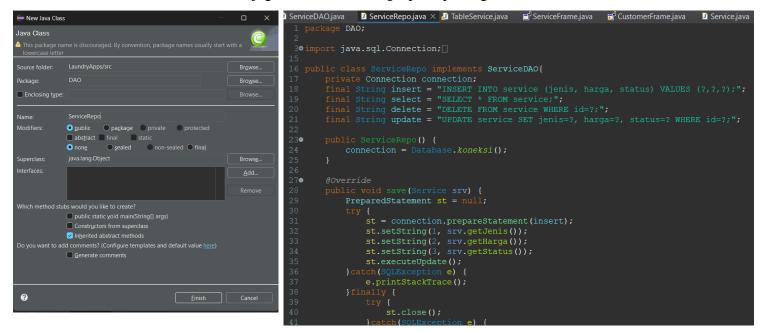
11. Kemudian buat class untuk bagian JTable yang ada pada UI dengan nama



12. Buat class DAO dengan nama **ServiceDAO** beserta kode programnya



13. Kemudian buat juga class **ServiceRepo** pada package DAO



14. Pada class UI ServiceFrame, buat instance serta method **reset** dan **loadTable** pada bagian luar main method

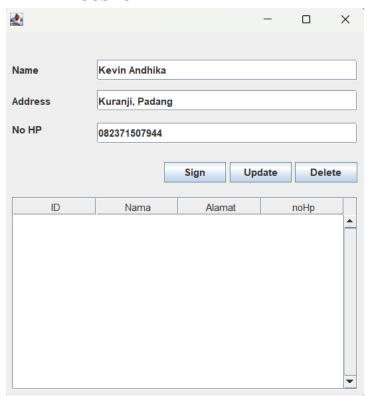
```
ServiceRepo srvr = new ServiceRepo();
       List<Service> ls;
       String id;
41●
       public void reset() {
42
           txtJenis.setText("");
43
           txtHarga.setText("");
44
45●
       public void loadTable() {
46
           ls = srvr.show();
47
           TableService ts = new TableService(ls);
           tableServices.setModel(ts);;
49
           tableServices.getTableHeader().setVisible(true);
```

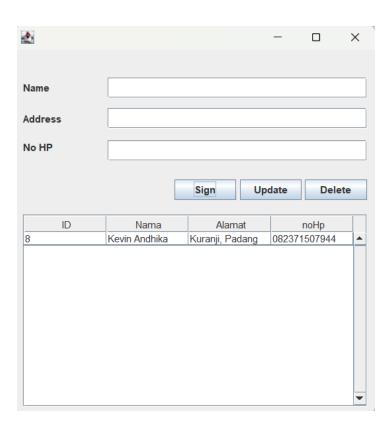
#### 15. Pada button Create, Update dan Delete UI tambahkan program berikut

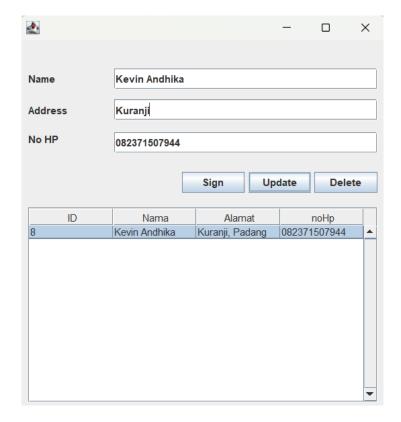
```
JButton btnCreate = new JButton("Create");
                btnCreate.setBounds(192, 300, 75, 25);
100€
                btnCreate.addActionListener(new ActionListener() {
101⊜
                     public void actionPerformed(ActionEvent e) {
                          Service srv = new Service();
                          srv.setJenis(txtJenis.getText());
                          srv.setHarga(txtHarga.getText());
                          srv.setStatus(txtStatus.getText());
                          reset();
                          srvr.save(srv);
                          loadTable();
                });
                btnCreate.setFont(new Font("SansSerif", Font.BOLD, 12));
                contentPane.add(btnCreate);
               JButton btnUpdate = new JButton("Update");
               btnUpdate.setBounds(272, 300, 75, 25);
116●
               btnUpdate.addActionListener(new ActionListener() {
1170
                        Service srv = new Service();
                        srv.setJenis(txtJenis.getText());
                        srv.setHarga(txtHarga.getText());
                        srv.setStatus(txtStatus.getText());
                        srv.setId(id);
                        srvr.update(srv);
                         reset();
                         loadTable();
               btnUpdate.setFont(new Font("SansSerif", Font.BOLD, 12));
               contentPane.add(btnUpdate);
          JButton btnDelete = new JButton("Delete");
btnDelete.setBounds(351, 300, 75, 25);
btnDelete.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        if(id != null) {
            srvr.delete(id);
            reserve.
330
340
           btnDelete.setFont(new Font("SansSerif", Font.BOLD, 12));
```

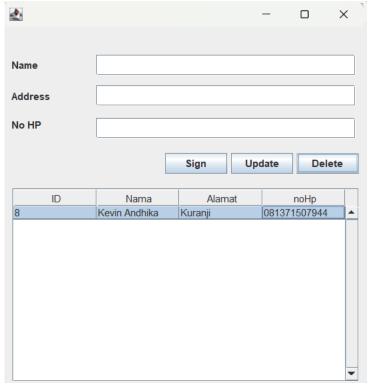
16. Jangan lupa tambahkan juga loadtable() pada method main agar tabel akan muncul saat program di running

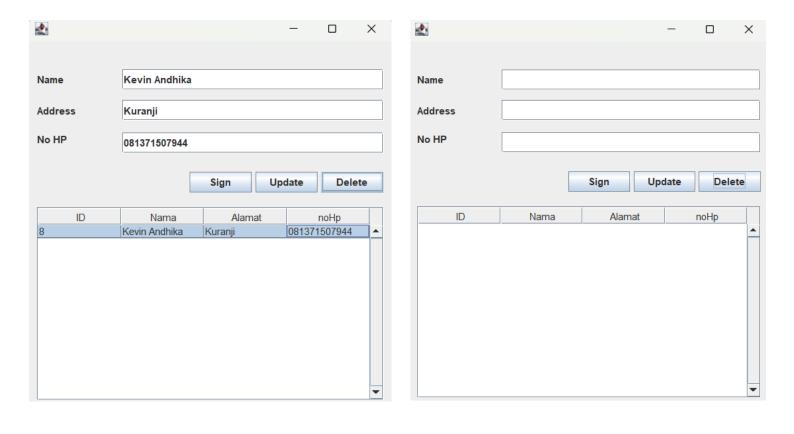
#### **CUSTOMER**











#### **SERVICE**

