

LAPORAN PRAKTIKUM 7 CRUD FOTO

Disusun untuk Memenuhi Tugas Praktikum Mata Kuliah Pemrograman Berbasis Dekstop



Disusun Oleh :

Refina Claudia Maulidayah

41155050230050

INF-A2

UNIVERSITAS LANGLANGBUANA

FAKULTAS TEKNIK

JURUSAN TEKNIK INFORMATIKA

2025

Object dan loadTable

```
59 public latihani1() {
60     initComponents();
61
62     model = (DefaultTableModel) jTable2.getModel();
63
64
65     //inisialisasi model dengan kolom secara langsung
66     String[] kolom = {"Nama","password","NPM","kelas","angkatan","alamat","hobi","fakultas","prodi","foto"};
67     model = new DefaultTableModel (null,kolom); //membuat object default table model tanpa data awal = null
68
69     jTable2.setModel(model); //memanggil table
70
71     jTable2.setRowHeight(60); //mengatur tinggi baris foto
72
73     jTable2.getColumnModel().getColumn(9).setCellRenderer(new javax.swing.table.DefaultTableCellRenderer() {
74
75     @Override
76     public java.awt.Component getTableCellRendererComponent(javax.swing.JTable table, Object value,
77     boolean isSelected, boolean hasFocus, int row, int column) {
78         JLabel lbl = new JLabel();
79         if (value != null) {
80             String path = value.toString();
81             ImageIcon icon = new ImageIcon(new ImageIcon(path).getImage().getScaledInstance(60, 60, Image.SCALE_SMOOTH));
82             lbl.setIcon(icon);
83         }
84         return lbl;
85     }
86     });
87
88     try {
89         Class.forName("com.mysql.jdbc.Driver");
90         //kelas driver untuk koneksi ke db
91         con = DriverManager.getConnection("jdbc:mysql://localhost:3306/datamhs?useSSL=false","root","");
92     } catch (ClassNotFoundException | SQLException ex) {
93         JOptionPane.showMessageDialog(null,"Koneksi database gagal!");
94     }
95
96     loadTable();
97 }
```

```
117
118 private void loadTable() {
119     try {
120         String query = "SELECT * FROM mahasiswa";
121         state = con.prepareStatement(query);
122         rs = state.executeQuery();
123
124         while (rs.next()) {
125             Object[] data = {
126                 rs.getString("Nama"),
127                 rs.getString("password"),
128                 rs.getInt("NPM"),
129                 rs.getString("kelas"),
130                 rs.getString("angkatan"),
131                 rs.getString("alamat"),
132                 rs.getString("hobi"),
133                 rs.getString("fakultas"),
134                 rs.getString("prodi"),
135                 rs.getString("foto")
136             };
137             model.addRow(data);
138         }
139     } catch (SQLException ex) {
140         JOptionPane.showMessageDialog(null, "Gagal memuat data ke tabel!");
141         ex.printStackTrace();
142     }
143 }
```

```
806 private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
807     JFileChooser chooser = new JFileChooser("C:\\Users\\ditap\\OneDrive\\Documents\\NetBeansProjects\\foto");
808     FileNameExtensionFilter fnf = new FileNameExtensionFilter("IMAGES","png","jpg","jpeg");
809     chooser.addChoosableFileFilter(fnf);
810
811     int result = chooser.showOpenDialog(this);
812
813     if(result == JFileChooser.APPROVE_OPTION) {
814         File selectedFile = chooser.getSelectedFile();
815         String filePath = selectedFile.getAbsolutePath();
816
817         filePath = filePath.replace("\\", "/");
818     }
819     try {
820         this.selectedImagePath = filePath;
821         BufferedImage image = ImageIO.read(selectedFile);
822         ImageIcon imageicon = new ImageIcon(image.getScaledInstance(photo.getWidth(),photo.getHeight(),Image.SCALE_SMOOTH));
823         photo.setIcon(imageicon);
824         foto = filePath;
825     } catch (IOException e) {
826         JOptionPane.showMessageDialog(null, "foto gagal di tambahkan");
827     }
828 }
829 }
```

—□×

DATA MAHASISWA

NAMA

Refina

PASSWORD

NPM

230050

KELAS

A2

ANGKATAN

☐ 2021

☐ 2022

☒ 2023

☐ 2024

ALAMAT

Bandung

HOBI


Olahraga

FAKULTAS

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PRODI

Informatika



Choose IMG

Nama	password	NPM	kelas	angkatan	alamat	hobi	fakultas	prodi	foto

SAVE

TAMPIL

EDIT

DELETE

DATA MAHASISWA

NAMA

Refina

PASSWORD

NPM

230050

KELAS

A2

ANGKATAN

☐ 2021

☐ 2022

☒ 2023

☐ 2024

ALAMAT

Bandung

HOBİ

Olahraga


FAKULTAS

TEKNIK

PRODI

Informatika

Choose IMG




Message

i

Data Berhasil ditambahkan!

OK

Nama	password	NPM	kelas	angkatan	alamat	hobi	fakultas	prodi	foto
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SAVE

TAMPIL

EDIT

DELETE