

LAMPIRAN

Source Code Aplikasi

1. *Source Code Connect ke Database*

```

public class connect {
    Connection conn = null;

    public static Connection tadb() {
        try {
            Class.forName("com.mysql.jdbc.Driver");
            Connection conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/skripsinanda","root","");
            return conn;
        } catch (Exception e) {
            JOptionPane.showConfirmDialog(null, e);
            return null;
        }
    }
}

```

2. *Source Code Class PengajuanDana*

```

public class PengajuanDana extends javax.swing.JInternalFrame {
    Connection conn = null;
    ResultSet rs = null;
    PreparedStatement ps = null;

    public PengajuanDana() {
        initComponents();
        conn = connect.tadb();
        showData();
        refreshData();
        TGL.getDateEditor().setEnabled(false);
    }

    void showDataRincian() {
        DefaultTableModel tabel = new DefaultTableModel();
    }
}

```

```

tabel.addColumn("Kode Barang/Jasa");
tabel.addColumn("Deskripsi");
tabel.addColumn("Qty");
tabel.addColumn("UoM");
tabel.addColumn("Harga");

try {
    String sql = "SELECT
c.kode_barang,c.deskripsi,a.Qty,a.UoM,c.harga,a.id_rincian FROM
rincian_pengajuan a JOIN pengajuan b on
a.no_approval_memo=b.no_approval_memo join barang_jasa c on
a.Kode_Barang =c.kode_barang where a.no_approval_memo=" +
TXTAMN.getText() + """;
    Statement stat = conn.createStatement();
    ResultSet res = stat.executeQuery(sql);
    while (res.next()) {
        tabel.addRow(new Object[]{res.getString(1), res.getString(2),
res.getInt(3), res.getString(4), res.getInt(5), res.getInt(6)});
    }
    TableRincian.setModel(tabel);
} catch (Exception e) {
    System.err.println(e.toString());
}
}

void Simpan() throws SQLException {
    String sql = "INSERT INTO pengajuan VALUES(?,?,?,?,?,?,?) ";
    String tujuan = "";
    ps = conn.prepareStatement(sql);
    ps.setString(1, TXTAMN.getText());
    ps.setString(2, TXTFAC.getText());
    ps.setString(3, TXTRAB.getText());
    ps.setString(4, TXTPEMOHON.getText());
    ps.setString(5, TXTNOPRO.getText());
    ps.setString(6, ((JTextField)
TGL.getDateEditor().getUiComponent()).getText());
    if (CMB1.getSelectedItem().toString().equals("Pratikum")) {
        if (CMB2.getSelectedItem().toString().equals("Lain - Lain")) {
            tujuan = TXTTUJUAN.getText();
        } else {
            tujuan = CMB2.getSelectedItem().toString();
        }
    } else {
        tujuan = CMB1.getSelectedItem().toString();
    }
}

```

```

        ps.setString(7, tujuan);
        ps.setString(8, "0");
        ps.execute();

    }

    void Update() throws SQLException {
        String sql = "UPDATE pengajuan SET
        fakultas=?,no_rab=?,pemohon=?,no_project=?,tanggal_diperlukan=?,tujuan=?
        WHERE no_approval_memo = ? ";
        String tujuan = "";
        ps = conn.prepareStatement(sql);
        ps.setString(7, TXTAMN.getText());
        ps.setString(1, TXTFAC.getText());
        ps.setString(2, TXTRAB.getText());
        ps.setString(3, TXTPEMOHON.getText());
        ps.setString(4, TXTNOPRO.getText());
        ps.setString(5, ((JTextField)
        TGL.getDateEditor().getUiComponent()).getText());
        if (CMB1.getSelectedItem().toString().equals("Pratikum")) {
            if (CMB2.getSelectedItem().toString().equals("Lain - Lain")) {
                tujuan = TXTTUJUAN.getText();
            } else {
                tujuan = CMB2.getSelectedItem().toString();
            }
        }

        } else {
            tujuan = CMB1.getSelectedItem().toString();
        }
        ps.setString(6, tujuan);
        ps.execute();
        refreshData();
        JOptionPane.showMessageDialog(rootPane, "Data Berhasil Di Update");

    }

    void Delete() throws SQLException {
        String sql = "DELETE FROM pengajuan WHERE no_approval_memo =
        ?";
        String tujuan = "";
        ps = conn.prepareStatement(sql);
        ps.setString(1, TXTAMN.getText());
        ps.execute();
        refreshData();
        JOptionPane.showMessageDialog(rootPane, "Data Berhasil Di Delete");
    }

```

```

ArrayList<Integer> list_total;

void showData() {
    DefaultTableModel tabel = new DefaultTableModel();
    tabel.addColumn("No Approval Memo");
    tabel.addColumn("Fakultas");
    tabel.addColumn("No RAB");
    tabel.addColumn("Pemohon");
    tabel.addColumn("No Project");
    tabel.addColumn("Tanggal diPerlukan");
    tabel.addColumn("Tujuan");
    list_total = new ArrayList<Integer>();
    try {
        String sql = "select * from pengajuan";
        Statement stat = conn.createStatement();
        ResultSet res = stat.executeQuery(sql);
        while (res.next()) {
            tabel.addRow(new Object[]{res.getString(1), res.getString(2),
res.getString(3), res.getString(4), res.getString(5), res.getString(6),
res.getString(7)});
            list_total.add(Integer.valueOf(res.getString(8)));
        }
        Table.setModel(tabel);
    } catch (Exception e) {
        System.err.println(e.toString());
    }
}

void refreshData() {
    showData();
    TXTAMN.setEnabled(true);
    TXTAMN.setText("");
    TXTRAB.setText("");
    TXTPEMOHON.setText("");
    TXTNOPRO.setText("");
    TGL.setCalendar(null);
    btn_rincian.setEnabled(false);
    btn_update.setEnabled(false);
    btn_delete.setEnabled(false);
    btn_simpan.setEnabled(true);
    showDataRincian();
    CMB1.setSelectedIndex(0);
    TXTTUJUAN.setEnabled(false);
    txt_total.setText("");
}

```

3. Source Code Class PencairanDana

```

public class PencairanDana extends javax.swing.JInternalFrame {

    void showData()
    {
        DefaultTableModel tabel = new DefaultTableModel();
        tabel.addColumn("No Approval Memo");
        tabel.addColumn("Fakultas");
        tabel.addColumn("No RAB");
        tabel.addColumn("Pemohon");
        tabel.addColumn("No Project");
        tabel.addColumn("Tanggal diPerlukan");
        tabel.addColumn("Tujuan");
        try {
            String sql = "select * from pengajuan";
            Statement stat = conn.createStatement();
            ResultSet res=stat.executeQuery(sql);
            while (res.next()) {
                tabel.addRow(new
Object[] {res.getString(1),res.getString(2),res.getString(3),res.getString(4),res.g
etString(5),res.getString(6),res.getString(7)});
            }
            Table.setModel(tabel);
        } catch (Exception e) {
            System.err.println(e.toString());
        }
    }
    ArrayList<Integer>listId;
    void showDataPencairan()
    {
        DefaultTableModel tabel = new DefaultTableModel();
        tabel.addColumn("No approval Memo");
        tabel.addColumn("Pemohon");
        tabel.addColumn("Tanggal diTerima");
        tabel.addColumn("Tanggal Disposisi");
        tabel.addColumn("Disposisi Dana");
        tabel.addColumn("Bukti Pengajuan");
        tabel.addColumn("Bukti Transfer");
        listId=new ArrayList<Integer>();
        try {
            String          sql          =          "select
a.id,b.no_approval_memo,b.pemohon,a.tanggal_diterima,a.tanggal_disposisi,a.
disposisi_dana,a.bukti_pengajuan,a.bukti_transfer from pencairan a join
pengajuan b on a.no_approval_memo=b.no_approval_memo where
b.no_approval_memo='"+TXTAMN.getText()+"'";

```

```

        Statement stat = conn.createStatement();
        ResultSet res=stat.executeQuery(sql);
        while (res.next()) {
            tabel.addRow(new
Object[] {res.getString(2),res.getString(3),res.getString(4),res.getString(5),res.g
etString(6),res.getString(7),res.getString(8)});
            listId.add(res.getInt(1));
        }
        TablePencairan.setModel(tabel);
    } catch (Exception e) {
        System.err.println(e.toString());
    }
}
Connection conn = null;
ResultSet rs = null;
PreparedStatement ps = null;
public PencairanDana() {
    initComponents();
    conn = connect.tadb();
    showData();
    showDataPencairan();
    TGL_diterima.getDateEditor().setEnabled(false);
    TGL_disposisi.getDateEditor().setEnabled(false);
}

void Simpan() throws SQLException
{
    String sql = "INSERT INTO pencairan VALUES (?,?,,?,,?,?)";
    ps = conn.prepareStatement(sql);
    ps.setString(1, null);
    ps.setString(2, TXTAMN.getText());
    ps.setString(3, ((JTextField)
TGL_diterima.getDateEditor().getUiComponent()).getText());
    ps.setString(4, ((JTextField)
TGL_disposisi.getDateEditor().getUiComponent()).getText());
    ps.setString(5, TXTDISPOSISI.getText().toString());
    ps.setString(6, imgS1);
    ps.setString(7, imgS2);
    ps.execute();
    refreshData();
    JOptionPane.showMessageDialog(rootPane, "Data Berhasil Di
Simpan");
}
convertGambar konvert=new convertGambar();
void Update()throws SQLException

```

```

{
    String sql = "UPDATE pencairan SET
tanggal_diterima=?,tanggal_disposisi=?,disposisi_dana=?,bukti_pengajuan=?,b
ukti_transfer=? WHERE id=?";
    ps = conn.prepareStatement(sql);
    ps.setString(1, ((JTextField)
TGL_diterima.getDateEditor().getUiComponent()).getText());
    ps.setString(2, ((JTextField)
TGL_disposisi.getDateEditor().getUiComponent()).getText());
    ps.setString(3, TXTDISPOSISI.getText().toString());
    ps.setString(4, imgS1);
    ps.setString(5, imgS2);
    ps.setInt(6, id);
    ps.execute();
    refreshData();
    JOptionPane.showMessageDialog(rootPane, "Data Berhasil Di Update");
}
void Delete() throws SQLException
{
    String sql = "DELETE FROM pencairan WHERE id = '"+id+"'";
    ps = conn.prepareStatement(sql);
    ps.execute();
    refreshData();
    JOptionPane.showMessageDialog(rootPane, "Data Berhasil Di Delete");
}
void refreshData()
{
    showDataPencairan();
    TXTAMN.setText("");
    TXTPEMOHON.setText("");
    TXTBUKTIPENGAJUAN.setText("");
    TXTBUKTITRANSFER.setText("");
    TGL_diterima.setDate(null);
    TGL_disposisi.setDate(null);
    TXTDISPOSISI.setText("");
    btn_delete.setEnabled(false);
    btn_update.setEnabled(false);
    btn_simpan.setEnabled(true);
    image_buktiPengajuan.setIcon(null);

    image_buktiTransfer.setIcon(null);
    btn_download_bukti_pengajuan.setEnabled(false);
    btn_download_bukti_transfer.setEnabled(false);
}

```