

Laporan Tugas Mata Kuliah Pemrograman
Berbasis Obyek Pertemuan Ke Sebelas: Progress 2
Project




Dosen Pembimbing
Bayu Adhi Nugroho, PH.

Disusun Oleh
Putri Roro Andini
09020622037

Tahun Pembelajaran 2022/2023
UIN Sunan Ampel Surabaya
Fakultas Sains dan Teknologi
Sistem Informasi
2023/2024

Desain tampilan Login:



Kumpulan
Buku & Skripsi

KU
BUS

Selamat Datang

Anda perlu log in untuk menjelajahi aplikasi,
silahkan masukkan data dengan benar.

Username

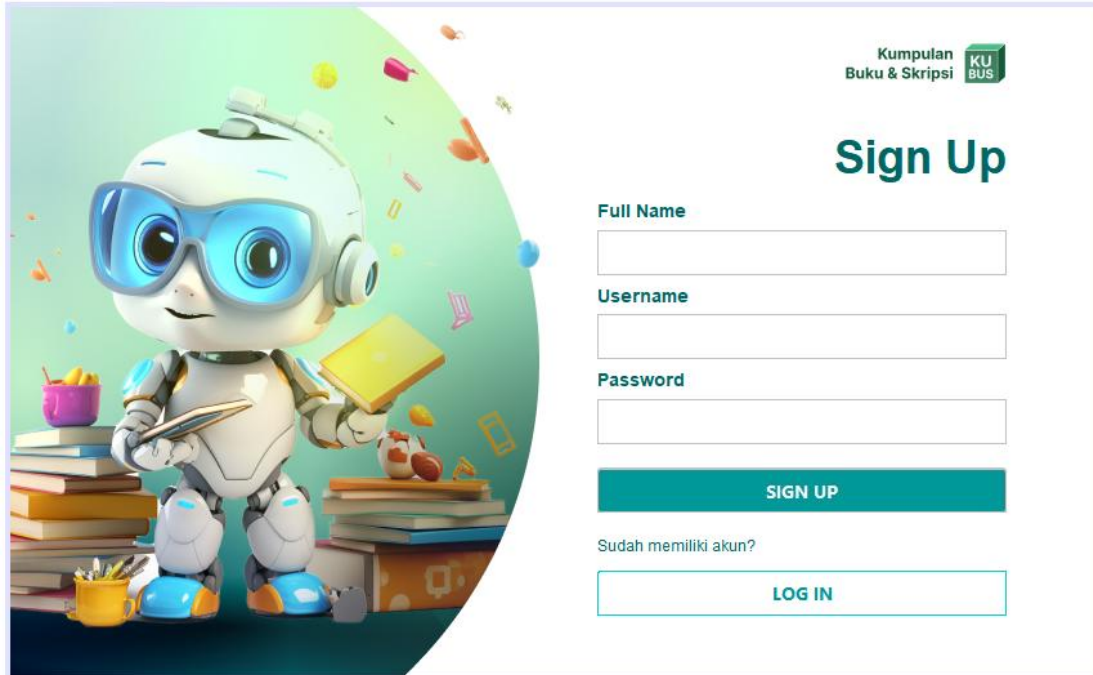
Password

LOG IN **SIGN UP**

Source code login:

```
private void jButtonLoginActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    String username = jTextFieldUsername.getText();  
    String password = jPasswordField.getPassword();  
    EntityManagerFactory emf = Persistence.createEntityManagerFactory("KumpulanBukuSkripsiPU");  
    EntityManager em = emf.createEntityManager();  
  
    try {  
        em.getTransaction().begin();  
        Query query = em.createQuery("SELECT p FROM login.petugas p WHERE p.username = :username AND p.password_petugas = :password");  
        query.setParameter("username", username);  
        query.setParameter("password", password);  
  
        java.util.List resultList = query.getResultList();  
  
        if (!query.getResultList().isEmpty()) {  
            JOptionPane.showMessageDialog(parentComponent, this, "Login Successful!");  
  
            // Open the Dashboard window  
            Dashboard dashboardFrame = new Dashboard();  
            dashboardFrame.setVisible(true);  
            dashboardFrame.setLocationRelativeTo(null);  
            this.dispose();  
        } else {  
            JOptionPane.showMessageDialog(parentComponent, this, "Invalid Username or Password!");  
        }  
  
        em.getTransaction().commit();  
    } finally {  
        em.close();  
        emf.close();  
    }  
}
```

Desain tampilan Sign Up:



The image shows a user interface for a 'Sign Up' form. On the left, there is a circular illustration of a friendly robot wearing blue goggles, holding a yellow book and a pencil, standing next to a stack of books and a pencil holder. The background of the circle is green with floating paper and book icons. On the right, the form is titled 'Sign Up' in a large, bold, teal font. Below the title, there are three input fields labeled 'Full Name', 'Username', and 'Password'. Each label is in a bold, teal font. The 'Full Name' and 'Username' fields are white with a light gray border. The 'Password' field is white with a light gray border and a small eye icon on the right. Below the input fields is a teal button with the text 'SIGN UP' in white. Below the button is a link that says 'Sudah memiliki akun?' in a small, gray font. Below the link is a white button with a teal border and the text 'LOG IN' in teal.

Kumpulan Buku & Skripsi KU BUS

Sign Up

Full Name

Username

Password

SIGN UP

Sudah memiliki akun?

LOG IN

Source code Sign Up:

```
private void jButtonSignUpActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    String fullname = jTextFieldFullname.getText().trim();  
    String username = jTextFieldUsername.getText();  
    String password_petugas = jPasswordField.getText();  
  
    //Awal Persistence  
  
    EntityManager entityManager = Persistence.createEntityManagerFactory("KumpulanBukuSkripsiPU").createEntityManager();  
    entityManager.getTransaction().begin();  
    Petugas p = new Petugas();  
    p.setFullname(fullname);  
    p.setPasswordPetugas(password_petugas);  
    p.setUsername(username);  
  
    entityManager.persist(p);  
    entityManager.getTransaction().commit();  
  
    // akhir persistence  
  
    jTextFieldFullname.setText("");  
    jTextFieldUsername.setText("");  
    jPasswordField.setText("");  
}
```

Tampilan desain koleksi buku:

Skripsi

Buku

Buku

Berikut data buku Program Studi Sistem Informasi UINSA

Cari

JUDUL	SUB JUDUL	PENGARANG	PENERBIT	TAHUN	ISBN	HALAMAN
-------	-----------	-----------	----------	-------	------	---------

Log Out

Edit Data Buku

Sourcecode tabel buku:

```
private void tampilanBuku(java.sql.Connection conn) {  
    bukuData.clear();  
    EntityManager entityManager = Persistence.createEntityManagerFactory("UASFPBOPU").createEntityManager();  
    entityManager.getTransaction().begin();  
    try {  
        String sql = "select b.judul_buku, b.sub_judul, b.pengarang, b.penerbit, b.tahun_terbit, b.jumlah_halaman, b.ISBN from";  
        Statement st = conn.createStatement();  
        ResultSet rs = st.executeQuery(sql);  
        while (rs.next()) {  
            Data b = new Data();  
            b.setJudulBuku(judulBuku: String.valueOf(rs.getObject(1)));  
            b.setSubJudulBuku(subJudulBuku: String.valueOf(rs.getObject(2)));  
            b.setPengarangBuku(pengarangBuku: String.valueOf(rs.getObject(3)));  
            b.setPenerbitBuku(penerbitBuku: String.valueOf(rs.getObject(4)));  
            b.setTahunBuku((Integer) rs.getObject(5));  
            b.setJumlahHalamanBuku((Integer) rs.getObject(6));  
            b.setISBNBuku(ISBNBuku: String.valueOf(rs.getObject(7)));  
            bukuData.add(b);  
        }  
        DefaultTableModel model = (DefaultTableModel) jTableBuku.getModel();  
        model.setRowCount(0);  
        for (Data b : bukuData) {  
            Object[] baris = new Object[6];  
            baris[0] = b.getJudulBuku();  
            baris[1] = b.getSubJudulBuku();  
            baris[2] = b.getPengarangBuku();  
            baris[3] = b.getPenerbitBuku();  
            baris[4] = b.getTahunBuku();  
            baris[5] = b.getJumlahHalamanBuku();  
            baris[6] = b.getISBNBuku();  
            model.addRow(rowData: baris);  
        }  
    }  
}
```

Tampilan desain koleksi skripsi:

Skripsi

Buku

Skripsi

Berikut data Skripsi Program Studi Sistem Informasi UINSA

Cari

JUDUL	PENGARANG	TAHUN	HALAMAN
-------	-----------	-------	---------

Log Out

Edit Data Skripsi

Tampilan edit data buku:

Data Buku

Judul

Sub Judul

Pengarang

Penerbit

Tahun

Jumlah Halaman

ISBN

CARI

TAMBAH

UBAH

HAPUS

Kembali

JUDUL	SUB JUDUL	PENGARA...	PENERBIT	TAHUN	HALAMAN	ISBN
-------	-----------	------------	----------	-------	---------	------

Tampilan edit data skripsi:

JUDUL	PENGARANG	TAHUN	HALAMAN
<div><h3>Data Skripsi</h3><div><div>Judul</div><div></div><div>Pengarang</div><div></div><div>Tahun</div><div></div><div>Jumlah Halaman</div><div></div></div><div><div>CARI</div><div>TAMBAH</div><div>UBAH</div><div>HAPUS</div></div><div><div>Kembali</div></div></div>			

Benar seperti kata bapak, bahwa ini seperti artis korea, tampilan saja bagus namun kodingnya error semua