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import java.awt.BorderLayout;
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;

import com.mysql.jdbc.Connection;

import javax.swing.JLabel;
import javax.swing.JOptionPane;

import java.awt.Font;
import javax.swing.JTextField;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.text.SimpleDateFormat;
import java.awt.event.ActionEvent;
import net.miginfocom.swing.MigLayout;
import com.toedter.calendar.JDateChooser;

public class issueBook extends JFrame {

    private JPanel contentPane;
    private JTextField call;
    private JTextField stud_Id;
    private JTextField Stud_name;
    private JTextField Stud_contact;
    private JTextField id;

    /**
     * Launch the application.
     */
    public static void main(String[] args) {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    issueBook frame = new issueBook();
                    frame.setVisible(true);
                } catch (Exception e) {
                    e.printStackTrace();
                }
            }
        });
    }

    /**
     * Create the frame.
     */
    public issueBook() {
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setBounds(100, 100, 701, 435);
        contentPane = new JPanel();
        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
        setContentPane(contentPane);
        contentPane.setLayout(null);
    }

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JLabel lblNewLabel = new JLabel("BookCall No");
lblNewLabel.setBounds(12, 53, 112, 25);
lblNewLabel.setFont(new Font("Times New Roman", Font.PLAIN, 21));
contentPane.add(lblNewLabel);

JLabel lblNewLabel_1 = new JLabel("Student_ID:");
lblNewLabel_1.setBounds(12, 108, 101, 25);
lblNewLabel_1.setFont(new Font("Times New Roman", Font.PLAIN, 21));
contentPane.add(lblNewLabel_1);

JLabel lblNewLabel_2 = new JLabel("Student_Name");
lblNewLabel_2.setBounds(12, 159, 129, 27);
lblNewLabel_2.setFont(new Font("Times New Roman", Font.PLAIN, 22));
contentPane.add(lblNewLabel_2);

JLabel lblNewLabel_3 = new JLabel("Student_Contact");
lblNewLabel_3.setBounds(12, 214, 173, 27);
lblNewLabel_3.setFont(new Font("Times New Roman", Font.PLAIN, 22));
contentPane.add(lblNewLabel_3);

call = new JTextField();
call.setBounds(133, 57, 155, 25);
contentPane.add(call);
call.setColumns(10);

stud_Id = new JTextField();
stud_Id.setBounds(138, 104, 166, 29);
contentPane.add(stud_Id);
stud_Id.setColumns(10);

Stud_name = new JTextField();
Stud_name.setBounds(195, 155, 173, 31);
contentPane.add(Stud_name);
Stud_name.setColumns(10);

Stud_contact = new JTextField();
Stud_contact.setBounds(198, 209, 265, 32);
contentPane.add(Stud_contact);
Stud_contact.setColumns(10);

JButton back = new JButton("BACK");
back.setBounds(223, 347, 129, 38);
back.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        LibrarianSession lib=new LibrarianSession();
        lib.setVisible(true);
        dispose();
    }
});
back.setFont(new Font("Times New Roman", Font.BOLD | Font.ITALIC, 25));
contentPane.add(back);

JLabel lblNewLabel_4 = new JLabel("Issue Date");
lblNewLabel_4.setBounds(12, 269, 173, 38);
lblNewLabel_4.setFont(new Font("Times New Roman", Font.PLAIN, 26));
contentPane.add(lblNewLabel_4);

JDateChooser date_choser = new JDateChooser();
date_choser.getCalendarButton().addActionListener(new ActionListener()

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{
    public void actionPerformed(ActionEvent arg0) {
    }
});
date_choser.setBounds(179, 269, 166, 38);
contentPane.add(date_choser);

JButton btnNewButton = new JButton("Issue Book");
btnNewButton.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent arg0) {
        try
        {
            Class.forName("com.mysql.jdbc.Driver");
            Connection conn=(Connection)
DriverManager.getConnection("jdbc:mysql://localhost:3325/test", "root","");
            String sql="insert into issuebook values
            (?,?,?,?,?,?)";

            PreparedStatement pstmt=conn.prepareStatement(sql);
            pstmt.setString(1,id.getText());
            pstmt.setString(2,call.getText());
            pstmt.setString(3,stud_Id.getText());
            pstmt.setString(4, Stud_name.getText());
            pstmt.setString(5, Stud_contact.getText());
            SimpleDateFormat sdf=new SimpleDateFormat("yyyy-mm-
dd");

            String date=sdf.format(date_choser.getDate());
            pstmt.setString(6, date);
            pstmt.executeUpdate();
            JOptionPane.showMessageDialog(null, "Books Issue
Successfully");

            conn.close();
        }
        catch(Exception e1)
        {
            JOptionPane.showMessageDialog(null,e1);
        }
    }
});
btnNewButton.setFont(new Font("Times New Roman", Font.PLAIN, 30));
btnNewButton.setBounds(12, 341, 166, 44);
contentPane.add(btnNewButton);

JLabel lblNewLabel_5 = new JLabel("ID");
lblNewLabel_5.setFont(new Font("Times New Roman", Font.PLAIN, 34));
lblNewLabel_5.setBounds(10, 11, 103, 31);
contentPane.add(lblNewLabel_5);

id = new JTextField();
id.setBounds(133, 11, 142, 32);
contentPane.add(id);
id.setColumns(10);
}
}

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