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import javax.swing.*;
import java.awt.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;

public class MovieTicketBookingApp {

    private JFrame frame;
    private JPanel customerInfoPanel, seatSelectionPanel;
    private JLabel nameLabel, ageLabel, movieLabel, showtimeLabel;
    private JTextField nameField, ageField;
    private JComboBox<String> movieComboBox, showtimeComboBox;
    private JButton bookButton;
    private JCheckBox[] seatCheckboxes;

    public MovieTicketBookingApp() {
        frame = new JFrame("Movie Ticket Booking");
        frame.setSize(500, 300);
        frame.setLayout(new BorderLayout());

        // Customer Info Panel with GridBagLayout
        customerInfoPanel = new JPanel(new GridBagLayout());
        GridBagConstraints gbc = new GridBagConstraints();
        gbc.anchor = GridBagConstraints.WEST;
        gbc.insets = new Insets(5, 5, 5, 5);

        nameLabel = new JLabel("Name:");
        gbc.gridx = 0;
        gbc.gridy = 0;
        customerInfoPanel.add(nameLabel, gbc);

        nameField = new JTextField(20);
        gbc.gridx = 1;
        gbc.gridy = 0;
        customerInfoPanel.add(nameField, gbc);

        ageLabel = new JLabel("Age:");
        gbc.gridx = 0;
        gbc.gridy = 1;
        customerInfoPanel.add(ageLabel, gbc);

        ageField = new JTextField(5);
        gbc.gridx = 1;
        gbc.gridy = 1;
        customerInfoPanel.add(ageField, gbc);

        movieLabel = new JLabel("Movie:");
        gbc.gridx = 0;
        gbc.gridy = 2;
        customerInfoPanel.add(movieLabel, gbc);
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        String[] movies = {"Avengers: Endgame", "Spider-Man: No Way Home", "The
Matrix Resurrections"};
        movieComboBox = new JComboBox<>(movies);
        gbc.gridx = 1;
        gbc.gridy = 2;
        customerInfoPanel.add(movieComboBox, gbc);

        showtimeLabel = new JLabel("Showtime:");
        gbc.gridx = 0;
        gbc.gridy = 3;
        customerInfoPanel.add(showtimeLabel, gbc);

        String[] showtimes = {"10:00 AM", "2:00 PM", "7:00 PM"};
        showtimeComboBox = new JComboBox<>(showtimes);
        gbc.gridx = 1;
        gbc.gridy = 3;
        customerInfoPanel.add(showtimeComboBox, gbc);

        bookButton = new JButton("Book Ticket");
        bookButton.addActionListener(new ActionListener() {
            @Override
            public void actionPerformed(ActionEvent e) {
                // Handle ticket booking logic here
                String name = nameField.getText();
                String age = ageField.getText();
                String selectedMovie = (String) movieComboBox.getSelectedItem();
                String selectedShowtime = (String)
showtimeComboBox.getSelectedItem();

                // Additional logic can be added here

                JOptionPane.showMessageDialog(frame, "Ticket booked for " + name +
                    "\nMovie: " + selectedMovie +
                    "\nShowtime: " + selectedShowtime, "Booking Successful",
JOptionPane.INFORMATION_MESSAGE);
            }
        });
        gbc.gridx = 1;
        gbc.gridy = 4;
        gbc.anchor = GridBagConstraints.CENTER;
        customerInfoPanel.add(bookButton, gbc);

        // Seat Selection Panel with FlowLayout
        seatSelectionPanel = new JPanel(new FlowLayout());
        seatCheckboxes = new JCheckBox[12];
        for (int i = 0; i < 12; i++) {
            seatCheckboxes[i] = new JCheckBox("Seat " + (i + 1));
            seatSelectionPanel.add(seatCheckboxes[i]);
        }

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        frame.add(customerInfoPanel, BorderLayout.NORTH);
        frame.add(seatSelectionPanel, BorderLayout.CENTER);

        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        frame.setVisible(true);
    }

    public static void main(String[] args) {
        SwingUtilities.invokeLater(() -> new MovieTicketBookingApp());
    }
}
```