package IT;

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\* ticketsJTable.java

\* IT

\* This program will hold the ticket system table.

\* Written by Deborah Barndt & Kenneth Yan. \*/

import java.sql.ResultSet;

import java.sql.ResultSetMetaData;

import java.sql.SQLException;

import java.util.Vector;

import javax.swing.table.DefaultTableModel;

public class ticketsJTable

{

@SuppressWarnings("unused")

private final DefaultTableModel tableModel = new DefaultTableModel();

public static DefaultTableModel buildTableModel(ResultSet rs) throws SQLException

{

ResultSetMetaData metaData = rs.getMetaData();

// Names of columns

Vector<String> columnNames = new Vector<String>();

int columnCount = metaData.getColumnCount();

for (int column = 1; column <= columnCount; column++)

{

columnNames.add(metaData.getColumnName(column));

}

// Data of the table

Vector<Vector<Object>> data = new Vector<Vector<Object>>();

while (rs.next())

{

Vector<Object> vector = new Vector<Object>();

for (int columnIndex = 1; columnIndex <= columnCount; columnIndex++)

{

vector.add(rs.getObject(columnIndex));

}

data.add(vector);

}

// Return data/column names for JTable

return new DefaultTableModel(data, columnNames);

}

}