package m6.components;

import javax.swing.\*;

import java.awt.\*;

import java.awt.geom.RoundRectangle2D;

public class StyledTextField extends JTextField {

private Shape shape;

public StyledTextField() {

super();

setOpaque(false);

initStyles();

}

public StyledTextField(String s) {

super(s);

setOpaque(false);

initStyles();

}

protected void paintComponent(Graphics g) {

Graphics2D g2 = (Graphics2D) g;

g2.setRenderingHint(RenderingHints.KEY\_ANTIALIASING, RenderingHints.VALUE\_ANTIALIAS\_ON);

g.setColor(getBackground());

g.fillRoundRect(0, 0, getWidth() - 1, getHeight() - 1, 10, 10);

super.paintComponent(g);

}

protected void paintBorder(Graphics g) {

Graphics2D g2 = (Graphics2D) g;

g2.setRenderingHint(RenderingHints.KEY\_ANTIALIASING, RenderingHints.VALUE\_ANTIALIAS\_ON);

g.setColor(getForeground());

g.drawRoundRect(0, 0, getWidth() - 1, getHeight() - 1, 10, 10);

}

public boolean contains(int x, int y) {

if (shape == null || !shape.getBounds().equals(getBounds())) {

shape = new RoundRectangle2D.Float(0, 0, getWidth() - 1, getHeight() - 1, 10, 10);

}

return shape.contains(x, y);

}

private void initStyles() {

setFont(new Font("Calibri", Font.BOLD, 14));

setBorder(BorderFactory.createCompoundBorder(getBorder(),

BorderFactory.createEmptyBorder(5, 5, 5, 5)));

}

}