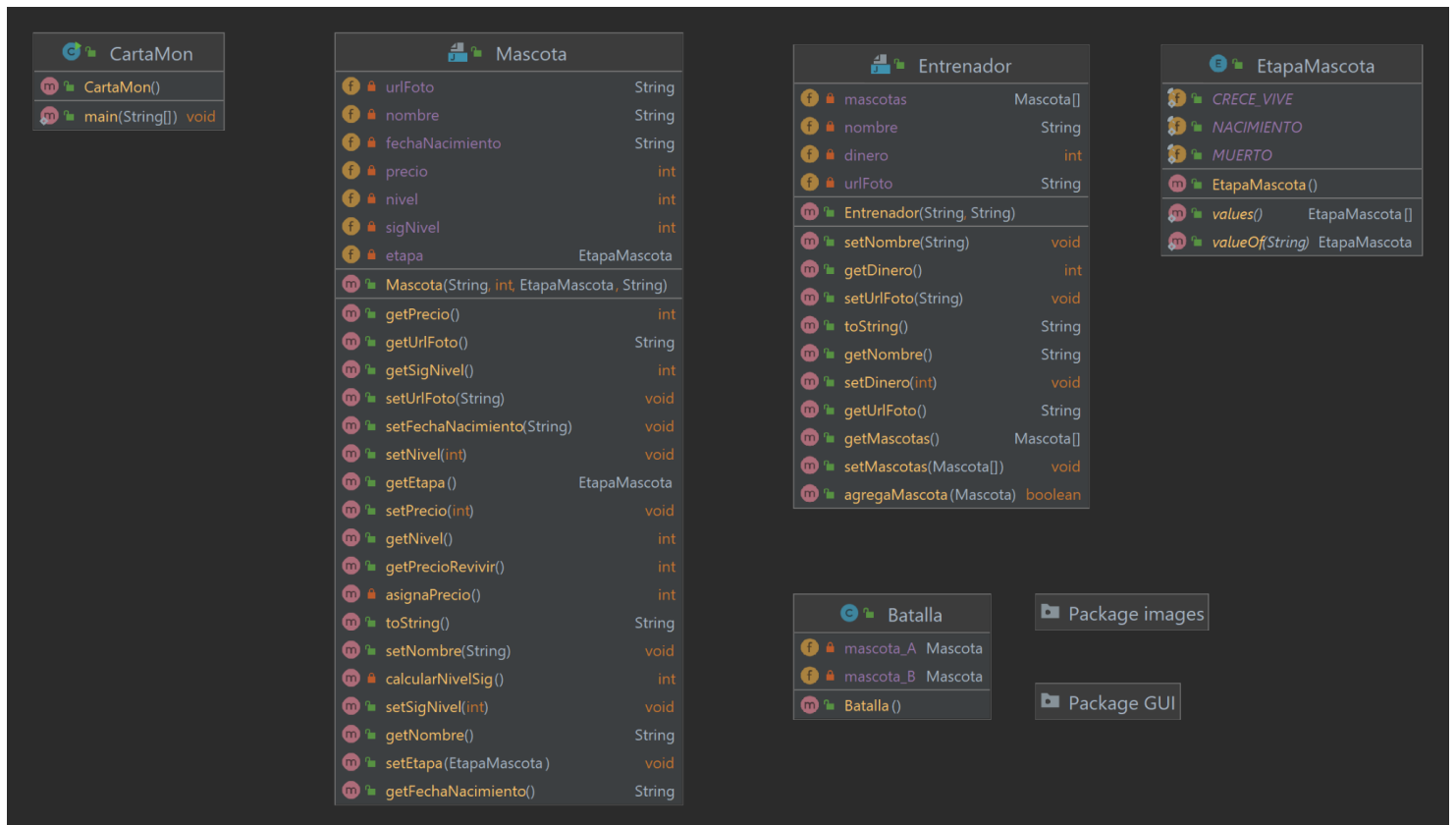


MANUAL TÉCNICO

Pokémon

Software:

- **Lenguaje:** Java 17 con OpenJDK 17
- **Sistema Operativo:** Windows 10
- **IDE:** NetBeans 12.6
- **Herramienta de gestión y construcción:** Ant
- **Paquetería:** Jar
- **Versión:** 1.0 - SNAPSHOT



```
public class CartaMon {
```

```
    public static void main(String[] args) {
```

```
        GuiControlador.dameInicio().setVisible(true);
```

```
}
```

```
}
```

```
package cartamon;
```

```
public class Batalla {
```

```
    private Mascota mascota__A;
```

```
    private Mascota mascota__B;
```

```
}
```

```
package cartamon;
```

```
import java.text.SimpleDateFormat;
```

```
import java.util.Calendar;
```

```
public class Mascota {
```

```
    private String nombre;
```

```
    private int nivel;
```

```
    private EtapaMascota etapa;
```

```
private int precio;  
private int sigNivel;  
private String fechaNacimiento;  
private String urlFoto;
```

```
public Mascota(String nombre, int nivel, EtapaMascota  
etapa,String url) {  
    this.nombre = nombre;  
    this.nivel = nivel;  
    this.etapa = etapa;  
    this.precio = asignaPrecio();  
    this.sigNivel = calcularNivelSig();  
    this.fechaNacimiento = new SimpleDateFormat("yyyy MM  
dd HH:mm:ss").format(Calendar.getInstance().getTime());  
    this.urlFoto = url;  
}
```

```
private int calcularNivelSig() {  
    return  
10+(20*this.nivel)+(int)Math.floor(Math.random()*(15-1+1)+1);  
}
```

```
private int asignaPrecio(){  
    return (20*this.nivel) + 80;  
}
```

```
public String getNombre() {  
    return nombre;  
}
```

```
public void setNombre(String nombre) {  
    this.nombre = nombre;  
}
```

```
public int getNivel() {  
    return nivel;  
}
```

```
public void setNivel(int nivel) {  
    this.nivel = nivel;  
}
```

```
public EtapaMascota getEtapa() {  
    return etapa;  
}
```

```
public void setEtapa(EtapaMascota etapa) {  
    this.etapa = etapa;  
}
```

```
public int getPrecio() {  
    return precio;  
}
```

```
}
```

```
public void setPrecio(int precio) {  
    this.precio = precio;  
}
```

```
public int getSigNivel() {  
    return sigNivel;  
}
```

```
public void setSigNivel(int sigNivel) {  
    this.sigNivel = sigNivel;  
}
```

```
public String getFechaNacimiento() {  
    return fechaNacimiento;  
}
```

```
public void setFechaNacimiento(String fechaNacimiento) {  
    this.fechaNacimiento = fechaNacimiento;  
}
```

```
public String getUrlFoto() {  
    return urlFoto;  
}
```

```
public void setUrlFoto(String urlFoto) {  
    this.urlFoto = urlFoto;  
}
```

```
@Override  
public String toString() {  
    return "Mascota{" + "nombre=" + nombre + ", nivel=" +  
nivel + ", etapa=" + etapa + ", precio=" + precio + ", sigNivel=" +  
sigNivel + ", fechaNacimiento=" + fechaNacimiento + ",  
urlFoto=" + urlFoto + '}';  
}
```

```
public int getPrecioRevivir() {  
    return (20*this.nivel)+30;  
}
```

```
}
```

```
package cartamon;
```

```
public enum EtapaMascota {
```

```
    NACIMIENTO,CRECE__VIVE,MUERTO;  
}
```

```
package cartamon;
```

```
public class Entrenador {
```

```
    private String nombre;
```

```
    private int dinero;
```

```
    private Mascota[] mascotas;
```

```
    private String urlFoto;
```

```
    public Entrenador(String nombre,String url) {
```

```
        this.nombre = nombre;
```

```
        this.dinero = dinero = 1000;
```

```
        this.mascotas = new Mascota[3];
```

```
        this.mascotas[0] = new Mascota("Charmander", 1,  
EtapaMascota.MUERTO,"src\\resources\\cartamon\\images\\Charmander.png");
```

```
        this.mascotas[1] = new Mascota("Bulbasur", 1,  
EtapaMascota.MUERTO,"src\\resources\\cartamon\\images\\bulbasur.png");
```

```
        this.mascotas[2] = new Mascota("Bulbasur", 1,  
EtapaMascota.MUERTO,"src\\resources\\cartamon\\images\\bulbasur.png");
```

```
        this.urlFoto = url;
```

```
    }
```

```
public String getNombre() {  
    return nombre;  
}
```

```
public void setNombre(String nombre) {  
    this.nombre = nombre;  
}
```

```
public int getDinero() {  
    return dinero;  
}
```

```
public void setDinero(int dinero) {  
    this.dinero = dinero;  
}
```

```
public Mascota[] getMascotas() {  
    return mascotas;  
}
```

```
public void setMascotas(Mascota[] mascotas) {  
    this.mascotas = mascotas;  
}
```



```
public String getUrlFoto() {  
    return urlFoto;  
}
```

```
public void setUrlFoto(String urlFoto) {  
    this.urlFoto = urlFoto;  
}
```

```
@Override  
public String toString() {  
    return "Entrenador{" + "nombre=" + nombre + ", dinero=" +  
dinero + ", mascotas=" + mascotas + '}';  
}
```

```
public boolean agregaMascota(Mascota mascotaSelected) {
```

```
    int sizeAnterior = this.mascotas.length;  
    Mascota[] mascotasNew = new Mascota[sizeAnterior+1];  
    for(int i = 0 ; i < sizeAnterior ; i++){  
        mascotasNew[i] = mascotas[i];  
    }  
    mascotasNew[sizeAnterior] = mascotaSelected;
```

```
    mascotas = mascotasNew;
```

```
    return true;
```

```
}  
}
```

```
package cartamon.GUI;
```

```
import cartamon.EtapaMascota;  
import cartamon.Mascota;  
import controladores.EntrenadorControlador;  
import controladores.GuiControlador;  
import java.util.logging.Level;  
import java.util.logging.Logger;  
import javax.swing.DefaultListModel;  
import javax.swing.ImageIcon;  
import javax.swing.JList;  
import javax.swing.JOptionPane;  
import javax.swing.ListModel;
```

```
public class frmPerfil extends javax.swing.JFrame {
```

```
    /**
```

```
     * Creates new form frmPerfil
```

```
    */
```

```
    private Mascota[] MascotasView;  
    private Mascota mascotaSelected;  
    public frmPerfil() {
```

```

try {
    initComponents();
    jLabel1.setText("");
    jLabel10.setText("");
    jLabel7.setText("");
    jLabel8.setText("");
    jLabel9.setText("");
    jLabel4.setText("");
    jLabel1.setIcon(new
ImageIcon(EntrenadorControlador.dameEntrenadorActual().get
UrlFoto()));
    jLabel2.setText("Bienvenido
"+EntrenadorControlador.dameEntrenadorActual().getNombre()
);
    this.MascotasView =
EntrenadorControlador.dameMascotasActuales();
    jLabel6.setText("Balance:
"+EntrenadorControlador.dameEntrenadorActual().getDinero())
;
    mascotaSelected = null;
} catch (Exception ex) {

}
cargaMascotas();
}

```

```
/**
 * This method is called from within the constructor to
initialize the form.
 * WARNING: Do NOT modify this code. The content of this
method is always
 * regenerated by the Form Editor.
 */
@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated
Code">
private void initComponents() {

    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    jScrollPane1 = new javax.swing.JScrollPane();
    jList1 = new javax.swing.JList<>();
    jLabel3 = new javax.swing.JLabel();
    jButton1 = new javax.swing.JButton();
    jButton2 = new javax.swing.JButton();
    jButton3 = new javax.swing.JButton();
    jButton4 = new javax.swing.JButton();
    jLabel5 = new javax.swing.JLabel();
    jLabel6 = new javax.swing.JLabel();
    jPanel1 = new javax.swing.JPanel();
    jLabel4 = new javax.swing.JLabel();
    jPanel2 = new javax.swing.JPanel();
```

```
jLabel7 = new javax.swing.JLabel();
jLabel8 = new javax.swing.JLabel();
jLabel9 = new javax.swing.JLabel();
jLabel10 = new javax.swing.JLabel();
jButton5 = new javax.swing.JButton();
jButton6 = new javax.swing.JButton();
```

```
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT__
ON_CLOSE);
```

```
jLabel1.setText("jLabel1");
```

```
jLabel2.setText("jLabel1");
```

```
jList1.addMouseListener(new java.awt.event.MouseAdapter()
{
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        jList1MouseClicked(evt);
    }
});
jScrollPane1.setViewportView(jList1);
```

```
jLabel3.setText("Tus Mascotas");
```

```
jButton1.setText("Revivir");
```

```
        jButton1.addActionListener(new  
java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent  
evt) {  
        jButton1ActionPerformed(evt);  
    }  
});
```

```
        jButton2.setText("Pasear");  
        jButton2.addActionListener(new  
java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent  
evt) {  
        jButton2ActionPerformed(evt);  
    }  
});
```

```
        jButton3.setText("Alimentar");
```

```
        jButton4.setText("Curar");  
        jButton4.addActionListener(new  
java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent  
evt) {  
        jButton4ActionPerformed(evt);  
    }  
});
```

```
});
```

```
jLabel6.setText("jLabel1");
```

```
jLabel7.setText("jLabel1");
```

```
jLabel8.setText("jLabel1");
```

```
jLabel9.setText("jLabel1");
```

```
jLabel10.setText("jLabel1");
```

```
javax.swing.GroupLayout jPanel2Layout = new  
javax.swing.GroupLayout(jPanel2);
```

```
jPanel2.setLayout(jPanel2Layout);
```

```
jPanel2Layout.setHorizontalGroup(
```

```
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Ali  
gnment.LEADING)
```

```
    .addGroup(jPanel2Layout.createSequentialGroup()
```

```
        .addGap()
```

```
    .addGroup(jPanel2Layout.createParallelGroup(javax.swing.Grou  
pLayout.Alignment.LEADING)
```

```
        .addComponent(jLabel7)
```

```
        .addComponent(jLabel8)
```

```

        .addComponent(jLabel9)
        .addComponent(jLabel10))
    .addContainerGap(58, Short.MAX_VALUE))
);
jPanel2Layout.setVerticalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Ali
gnment.LEADING)
    .addGroup(jPanel2Layout.createSequentialGroup())
        .addContainerGap()
        .addComponent(jLabel7)

    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacemen
t.RELATED)
        .addComponent(jLabel8)

    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacemen
t.RELATED)
        .addComponent(jLabel9)

    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacemen
t.RELATED)
        .addComponent(jLabel10)

    .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))

```



```
);
```

```
    javax.swing.GroupLayout jPanel1Layout = new  
    javax.swing.GroupLayout(jPanel1);  
    jPanel1.setLayout(jPanel1Layout);  
    jPanel1Layout.setHorizontalGroup(
```

```
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Ali  
    gnment.LEADING)
```

```
        .addGroup(jPanel1Layout.createSequentialGroup()  
            .addGap(24, 24, 24)  
            .addComponent(jLabel4)
```

```
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacemen  
        t.RELATED, 55, Short.MAX_VALUE)
```

```
        .addComponent(jPanel2,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE)  
        .addContainerGap())
```

```
);
```

```
    jPanel1Layout.setVerticalGroup(
```

```
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Ali  
    gnment.LEADING)
```

```
        .addGroup(jPanel1Layout.createSequentialGroup()  
            .addGap(24, 24, 24)
```

```
.addContainerGap()
.addComponent(jLabel4)

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
.addComponent(jPanel2,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
);

jButton5.setText("Tienda");
jButton5.addActionListener(new
java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent
evt) {
        jButton5ActionPerformed(evt);
    }
});

jButton6.setText("x");
jButton6.addActionListener(new
java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent
evt) {
        jButton6ActionPerformed(evt);
    }
});
```

```
});
```

```
    javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
LEADING)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.
Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGroup(layout.createParallelGroup()
                    .addGap(10, 10, 10)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.
Alignment.LEADING)
                .addComponent(jLabel2)
                .addComponent(jLabel1)
                .addComponent(jLabel6))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacemen
t.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
layout.createSequentialGroup())
```

```
    .addContainerGap(26, Short.MAX_VALUE)
```

```
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.  
Alignment.LEADING, false)
```

```
    .addComponent(jButton3,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
    .addComponent(jButton2,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
    .addComponent(jButton1,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
    .addComponent(jButton4,  
javax.swing.GroupLayout.PREFERRED_SIZE, 101,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
    .addGap(135, 135, 135)))
```

```
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.  
Alignment.LEADING)
```

```
    .addComponent(jLabel3,  
javax.swing.GroupLayout.PREFERRED_SIZE, 258,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addComponent(jPanel1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE, 209,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(94, 94, 94))
    .addGroup(layout.createSequentialGroup()
        .addComponent(jButton5,
javax.swing.GroupLayout.PREFERRED_SIZE, 101,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(0, 0, Short.MAX_VALUE))
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
            .addGap(0, 0, Short.MAX_VALUE)
            .addComponent(jButton6,
javax.swing.GroupLayout.PREFERRED_SIZE, 47,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.
Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(20, 20, 20)
                .addComponent(jLabel5)
                .addContainerGap(594, Short.MAX_VALUE)))
```

```

);
layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
LEADING)
    .addGroup(layout.createSequentialGroup()
        .addComponent(jButton6)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacemen
t.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.
Alignment.BASELINE)
    .addComponent(jLabel2)
    .addComponent(jLabel3))
    .addGap(26, 26, 26)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.
Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addComponent(jLabel1)
        .addGap(60, 60, 60)
        .addComponent(jLabel6))
    .addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE, 175,
javax.swing.GroupLayout.PREFERRED_SIZE))

```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacemen  
t.RELATED)
```

```
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.  
Alignment.LEADING, false)
```

```
    .addGroup(layout.createSequentialGroup()  
        .addComponent(jButton1)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacemen  
t.RELATED)
```

```
    .addComponent(jButton2)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacemen  
t.RELATED)
```

```
    .addComponent(jButton3)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacemen  
t.RELATED)
```

```
    .addComponent(jButton4))
```

```
    .addComponent(jPanel1,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacemen
```

```
t.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE,  
Short.MAX_VALUE)  
    .addComponent(jButton5))  
  
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.  
Alignment.LEADING)  
    .addGroup(layout.createSequentialGroup()  
        .addGap(26, 26, 26)  
        .addComponent(jLabel5)  
        .addContainerGap(423, Short.MAX_VALUE)))  
    );  
  
pack();  
} // </editor-fold>
```

```
private void  
jButton4ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
}  
  
private void jList1MouseClicked(java.awt.event.MouseEvent  
evt) {  
    try {  
        if(!this.jList1.getSelectedValue().equalsIgnoreCase("sin  
mascotas")){
```



```

        jLabel4.setIcon(new
ImageIcon(EntrenadorControlador.dameEntrenadorActual().get
Mascotas()[jList1.getSelectedIndex()].getUrlFoto()));
        this.mascotaSelected =
EntrenadorControlador.dameEntrenadorActual().getMascotas()[
jList1.getSelectedIndex()];
        jLabel7.setText("Nombre:
"+this.mascotaSelected.getNombre());
        jLabel8.setText("Nivel:
"+this.mascotaSelected.getNivel());
        jLabel9.setText("Peleas:"
+this.mascotaSelected.getSigNivel());

jLabel10.setText(this.mascotaSelected.getEtapa().toString());
        }else{
            JOptionPane.showMessageDialog(null, "Aun no tienes
mascotas");
        }
    } catch (Exception ex) {

Logger.getLogger(frmPerfil.class.getName()).log(Level.SEVERE,
null, ex);
    }
}

```

```

private void
jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    if(mascotaSelected!=null){

if(mascotaSelected.getEtapa().toString().equalsIgnoreCase("MU
ERTO")){
        if(JOptionPane.showInputDialog(null,"Precio de para
revivir:
"+mascotaSelected.getPrecioRevivir()).equalsIgnoreCase("Si")){
            try {

if(EntrenadorControlador.dameEntrenadorActual().getDinero())>
=mascotaSelected.getPrecioRevivir()){

EntrenadorControlador.dameEntrenadorActual().setDinero(Entr
enadorControlador.dameEntrenadorActual().getDinero()-masco
taSelected.getPrecioRevivir());

MascotasView[jList1.getSelectedIndex()].setEtapa(EtapaMascota
.NACIMIENTO);

jLabel10.setText(mascotaSelected.getEtapa().toString());
        jLabel6.setText("Balance:
"+EntrenadorControlador.dameEntrenadorActual().getDinero())
;

```

```

        JOptionPane.showMessageDialog(null, "Mascota
Revivida con exito");
    }else{
        JOptionPane.showMessageDialog(null, "No tiene
dinero suficiente");
    }
} catch (Exception e) {
}
}
}else{
    JOptionPane.showMessageDialog(null, "Esta mascota
aun esta viva");
}
}else{
    JOptionPane.showMessageDialog(null, "No tiene Pokemon
seleccionado");
}
}

```

```

private void
jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

```

```

private void
jButton5ActionPerformed(java.awt.event.ActionEvent evt) {

```

```
GuiControlador.damePerfil().dispose();
GuiControlador.dameTiendaMascotas().setVisible(true);
}
```

```
private void
jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
    System.exit(0);
}
```

```
/**
 * @param args the command line arguments
 */
public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    //<editor-fold defaultstate="collapsed" desc=" Look and feel
setting code (optional) ">
    /* If Nimbus (introduced in Java SE 6) is not available, stay
with the default look and feel.
    * For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel
/plaf.html
    */
    try {
        for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
            if ("Nimbus".equals(info.getName())) {
```

```
javax.swing.UIManager.setLookAndFeel(info.getClassName());
        break;
    }
}
} catch (ClassNotFoundException ex) {
```

```
java.util.logging.Logger.getLogger(frmPerfil.class.getName()).lo
g(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {
```

```
java.util.logging.Logger.getLogger(frmPerfil.class.getName()).lo
g(java.util.logging.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {
```

```
java.util.logging.Logger.getLogger(frmPerfil.class.getName()).lo
g(java.util.logging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex)
{
```

```
java.util.logging.Logger.getLogger(frmPerfil.class.getName()).lo
g(java.util.logging.Level.SEVERE, null, ex);
    }
//</editor-fold>
```

```
/* Create and display the form */
```

```
java.awt.EventQueue.invokeLater(new Runnable() {  
    public void run() {  
        new frmPerfil().setVisible(true);  
    }  
});  
}
```

```
// Variables declaration - do not modify  
private javax.swing.JButton jButton1;  
private javax.swing.JButton jButton2;  
private javax.swing.JButton jButton3;  
private javax.swing.JButton jButton4;  
private javax.swing.JButton jButton5;  
private javax.swing.JButton jButton6;  
private javax.swing.JLabel jLabel1;  
private javax.swing.JLabel jLabel10;  
private javax.swing.JLabel jLabel2;  
private javax.swing.JLabel jLabel3;  
private javax.swing.JLabel jLabel4;  
private javax.swing.JLabel jLabel5;  
private javax.swing.JLabel jLabel6;  
private javax.swing.JLabel jLabel7;  
private javax.swing.JLabel jLabel8;  
private javax.swing.JLabel jLabel9;  
private javax.swing.JList<String> jList1;  
private javax.swing.JPanel jPanel1;
```

```

private javax.swing.JPanel jPanel2;
private javax.swing.JScrollPane jScrollPane1;
// End of variables declaration

private void cargaMascotas() {
    DefaultListModel<String> modelMascotasView = new
DefaultListModel<>();
    if(this.MascotasView!=null){

        if(this.MascotasView.length>0){
            for(Mascota m : MascotasView){
                modelMascotasView.addElement(m.getNombre());
            }
        }
        else{
            modelMascotasView.addElement("Sin Mascotas");
        }
        jList1.setModel(modelMascotasView);
    }else{
        JOptionPane.showMessageDialog(null, "Error en el sistema
al cargar las mascotas");
    }

}
}

```

```
package cartamon.GUI;
```

```
import controladores.EntrenadorControlador;
```

```
import controladores.GuiControlador;
```

```
import javax.swing.JOptionPane;
```

```
public class frmInicio extends javax.swing.JFrame {
```

```
    /**
```

```
     * Creates new form frmInicio
```

```
     */
```

```
    public frmInicio() {
```

```
        initComponents();
```

```
    }
```

```
    /**
```

```
     * This method is called from within the constructor to  
initialize the form.
```

```
     * WARNING: Do NOT modify this code. The content of this  
method is always
```

```
     * regenerated by the Form Editor.
```

```
     */
```

```
    @SuppressWarnings("unchecked")
```

```
    // <editor-fold defaultstate="collapsed" desc="Generated  
Code">
```



```
private void initComponents() {

    jLabel1 = new javax.swing.JLabel();
    jTextField1 = new javax.swing.JTextField();
    jLabel2 = new javax.swing.JLabel();
    jButton1 = new javax.swing.JButton();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_
ON_CLOSE);
    setTitle("Inicio");

    jLabel1.setText("Bienvenido");

    jLabel2.setText("Ingrese su apodo");

    jButton1.setText("Continuar");
    jButton1.addActionListener(new
java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent
evt) {
            jButton1ActionPerformed(evt);
        }
    });
}
```

```
        javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
        getContentPane().setLayout(layout);
        layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(62, 62, 62)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.
Alignment.LEADING)
                .addComponent(jLabel2)
                .addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE, 190,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.
Alignment.TRAILING)
                .addComponent(jLabel1)
                .addComponent(jTextField1,
javax.swing.GroupLayout.PREFERRED_SIZE, 142,
javax.swing.GroupLayout.PREFERRED_SIZE)))
            .addContainerGap(73, Short.MAX_VALUE))
        );
        layout.setVerticalGroup(
```

```
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.  
LEADING)
```

```
    .addGroup(layout.createSequentialGroup()  
        .addContainerGap()  
        .addComponent(jLabel1)  
        .addGap(63, 63, 63)  
        .addComponent(jLabel2)
```

```
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacemen  
t.RELATED)
```

```
        .addComponent(jTextField1,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
        .addGap(27, 27, 27)  
        .addComponent(jButton1,  
javax.swing.GroupLayout.PREFERRED_SIZE, 66,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
        .addContainerGap(72, Short.MAX_VALUE))  
    );
```

```
    pack();
```

```
}// </editor-fold>
```

```

private void
jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    if(!jTextField1.getText().isEmpty() &&
jTextField1.getText().length() > 3 ){

GuiControlador.damaAvatar(jTextField1.getText()).setVisible(true);
        GuiControlador.dameInicio().dispose();
    }else{
        JOptionPane.showMessageDialog(null, "El nombre o apodo
debe contener mas de 3 caracteres");
    }
}

/**
 * @param args the command line arguments
 */
public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    //<editor-fold defaultstate="collapsed" desc=" Look and feel
setting code (optional) ">
    /* If Nimbus (introduced in Java SE 6) is not available, stay
with the default look and feel.
    * For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel
/plaf.html

```

```

        */
    try {
        for (javax.swing.UIManager.LookAndFeelInfo info :
            javax.swing.UIManager.getInstalledLookAndFeels()) {
            if ("Nimbus".equals(info.getName())) {

                javax.swing.UIManager.setLookAndFeel(info.getClassName());
                break;
            }
        }
    } catch (ClassNotFoundException ex) {

        java.util.logging.Logger.getLogger(frmInicio.class.getName()).lo
        g(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {

        java.util.logging.Logger.getLogger(frmInicio.class.getName()).lo
        g(java.util.logging.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {

        java.util.logging.Logger.getLogger(frmInicio.class.getName()).lo
        g(java.util.logging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex)
    {

```

```
java.util.logging.Logger.getLogger(frmInicio.class.getName()).log(
    java.util.logging.Level.SEVERE, null, ex);
}
//</editor-fold>
```

```
/* Create and display the form */
java.awt.EventQueue.invokeLater(new Runnable() {
    public void run() {
        new frmInicio().setVisible(true);
    }
});
}
```

```
// Variables declaration - do not modify
private javax.swing.JButton jButton1;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JTextField jTextField1;
// End of variables declaration
}
```

```
package cartamon.GUI;
```

```
import controladores.EntrenadorControlador;
import controladores.GuiControlador;
```

```

import javax.swing.ImageIcon;
import javax.swing.JOptionPane;

public class frmAvatar extends javax.swing.JFrame {

    /**
     * Creates new form frmInicio
     */
    private String nombre;
    private boolean imgSelected;
    private String urlImageAvatar;

    public frmAvatar() {

    }

    public frmAvatar(String nombre) {
        initComponents();
        imgSelected = false;
        this.nombre = nombre;
        this.urlImageAvatar = "";
        // jLabel5.setText("");
        //jLabel6.setText("");
        // jLabel5.setIcon(new
        ImageIcon("src\\resources\\cartamon\\images\\avatar1.png"));
    }

```

```
//jLabel6.setIcon(new  
ImageIcon("src\\resources\\cartamon\\images\\avatar2.png"));  
}
```

```
/**  
 * This method is called from within the constructor to  
 initialize the form.  
 * WARNING: Do NOT modify this code. The content of this  
 method is always  
 * regenerated by the Form Editor.  
 */  
@SuppressWarnings("unchecked")  
// <editor-fold defaultstate="collapsed" desc="Generated  
Code">  
private void initComponents() {
```

```
    jLabel1 = new javax.swing.JLabel();  
    jLabel2 = new javax.swing.JLabel();  
    jButton1 = new javax.swing.JButton();  
    jLabel5 = new javax.swing.JLabel();  
    jLabel6 = new javax.swing.JLabel();
```

```
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_  
ON_CLOSE);  
setTitle("Inicio");
```



```
jLabel1.setText("Bienvenido");  
jLabel1.addMouseListener(new  
java.awt.event.MouseAdapter() {  
    public void mouseClicked(java.awt.event.MouseEvent evt) {  
        jLabel1MouseClicked(evt);  
    }  
});
```

```
jLabel2.setText("Selecciona un Avatar para ti");
```

```
jButton1.setText("Continuar");  
jButton1.addActionListener(new  
java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent  
evt) {  
        jButton1ActionPerformed(evt);  
    }  
});
```

```
jLabel5.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/resources/cart  
amon/images/avatar1.png"))); // NOI18N  
jLabel5.addMouseListener(new  
java.awt.event.MouseAdapter() {  
    public void mouseClicked(java.awt.event.MouseEvent evt) {
```

```
        jLabel5MouseClicked(evt);  
    }  
});
```

```
        jLabel6.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/resources/cart  
amon/images/avatar2.png"))); // NOI18N  
        jLabel6.addMouseListener(new  
java.awt.event.MouseAdapter() {  
            public void mouseClicked(java.awt.event.MouseEvent evt) {  
                jLabel6MouseClicked(evt);  
            }  
        });
```

```
        javax.swing.GroupLayout layout = new  
javax.swing.GroupLayout(getContentPane());  
        getContentPane().setLayout(layout);  
        layout.setHorizontalGroup(  
  
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.  
LEADING)  
            .addGroup(layout.createSequentialGroup()  
  
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.  
Alignment.LEADING)  
                .addGroup(layout.createSequentialGroup()
```

```
.addGap(288, 288, 288)
.addComponent(jLabel1))
.addGroup(layout.createSequentialGroup()
.addGap(115, 115, 115)
.addComponent(jLabel5)
.addGap(136, 136, 136)
.addComponent(jLabel6))
.addGroup(layout.createSequentialGroup()
.addGap(183, 183, 183)
```

```
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.
Alignment.LEADING)
```

```
.addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE, 190,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(jLabel2))))
.addContainerGap(114, Short.MAX_VALUE))
);
layout.setVerticalGroup(
```

```
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
LEADING)
```

```
.addGroup(layout.createSequentialGroup()
.addGap(24, 24, 24)
.addComponent(jLabel1)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacemen  
t.UNRELATED)
```

```
    .addComponent(jLabel2)
```

```
    .addGap(30, 30, 30)
```

```
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.  
Alignment.BASELINE)
```

```
    .addComponent(jLabel6)
```

```
    .addComponent(jLabel5))
```

```
    .addGap(59, 59, 59)
```

```
    .addComponent(jButton1,
```

```
    javax.swing.GroupLayout.PREFERRED_SIZE, 66,
```

```
    javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,  
Short.MAX_VALUE))
```

```
    );
```

```
    pack();
```

```
}// </editor-fold>
```

```
private void
```

```
jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
```

```
    if(imgSelected && !urlImageAvatar.isEmpty()){
```

```
EntrenadorControlador.creaEntrenador(this.nombre,  
this.urlImageAvatar);  
JOptionPane.showMessageDialog(null, "Bienvenido");  
GuiControlador.damePerfil().setLocationRelativeTo(null);  
GuiControlador.damePerfil().setVisible(true);  
GuiControlador.damaAvatarActual().dispose();  
}else{  
    JOptionPane.showMessageDialog(null, "Porfavor  
seleccione una imagen");  
}  
}
```

```
private void jLabel1MouseClicked(java.awt.event.MouseEvent  
evt) {  
  
}
```

```
private void jLabel5MouseClicked(java.awt.event.MouseEvent  
evt) {  
    imgSelected = true;  
    urlImageAvatar = jLabel5.getIcon().toString();  
    JOptionPane.showMessageDialog(null, "Imagen  
Seleccionada");  
}
```

```

private void jLabel6MouseClicked(java.awt.event.MouseEvent
evt) {
    imgSelected = true;
    urlImageAvatar = jLabel6.getIcon().toString();
    JOptionPane.showMessageDialog(null, "Imagen
Seleccionada");
}

/**
 * @param args the command line arguments
 */
public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    //<editor-fold defaultstate="collapsed" desc=" Look and feel
setting code (optional) ">
    /* If Nimbus (introduced in Java SE 6) is not available, stay
with the default look and feel.
    * For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel
/plaf.html
    */
    try {
        for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
            if ("Nimbus".equals(info.getName())) {

```

```
javax.swing.UIManager.setLookAndFeel(info.getClassName());
        break;
    }
}
} catch (ClassNotFoundException ex) {
```

```
java.util.logging.Logger.getLogger(frmAvatar.class.getName()).l
og(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {
```

```
java.util.logging.Logger.getLogger(frmAvatar.class.getName()).l
og(java.util.logging.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {
```

```
java.util.logging.Logger.getLogger(frmAvatar.class.getName()).l
og(java.util.logging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex)
{
```

```
java.util.logging.Logger.getLogger(frmAvatar.class.getName()).l
og(java.util.logging.Level.SEVERE, null, ex);
    }
//</editor-fold>
//</editor-fold>
```

```
/* Create and display the form */  
java.awt.EventQueue.invokeLater(new Runnable() {  
    public void run() {  
        new frmAvatar().setVisible(true);  
    }  
});  
}
```

```
// Variables declaration - do not modify  
private javax.swing.JButton jButton1;  
private javax.swing.JLabel jLabel1;  
private javax.swing.JLabel jLabel2;  
private javax.swing.JLabel jLabel5;  
private javax.swing.JLabel jLabel6;  
// End of variables declaration  
}  
package cartamon.GUI;
```

```
import cartamon.Entrenador;  
import cartamon.Mascota;  
import controladores.EntrenadorControlador;  
import controladores.GuiControlador;  
import controladores.PokemonesController;  
import java.text.SimpleDateFormat;  
import java.util.Calendar;  
import java.util.logging.Level;
```



```
import java.util.logging.Logger;
import javax.swing.DefaultListModel;
import javax.swing.ImageIcon;
import javax.swing.JOptionPane;
```

```
public class frmListPokemon extends javax.swing.JFrame {
```

```
    /**
```

```
     * Creates new form frmListPokemon
```

```
     */
```

```
    private DefaultListModel<String> mascotasBuyModel;
```

```
    private Mascota[] lstMascotas;
```

```
    private Mascota mascotaSelected;
```

```
    public frmListPokemon() {
```

```
        initComponents();
```

```
        lstMascotas = PokemonesController.dameListaPokemones();
```

```
        this.mascotasBuyModel = new DefaultListModel<>();
```

```
        llenaListaTienda();
```

```
        jLabel2.setText("");
```

```
        jLabel3.setText("");
```

```
    }
```

```
    /**
```

```
     * This method is called from within the constructor to
    initialize the form.
```

* WARNING: Do NOT modify this code. The content of this method is always

* regenerated by the Form Editor.

*/

@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jScrollPane1 = new javax.swing.JScrollPane();

jList1 = new javax.swing.JList<>();

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

jLabel3 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

jList1.addMouseListener(new java.awt.event.MouseAdapter()
{
 public void mouseClicked(java.awt.event.MouseEvent evt) {
 jList1MouseClicked(evt);
 }
}

```
});  
jScrollPane1.setViewportViewView(jList1);  
  
jLabel1.setText("Pokemones Disponibles");  
  
jButton1.setText("Comprar");  
jButton1.addActionListener(new  
java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent  
evt) {  
        jButton1ActionPerformed(evt);  
    }  
});  
  
jButton2.setText("Salir");  
jButton2.addActionListener(new  
java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent  
evt) {  
        jButton2ActionPerformed(evt);  
    }  
});  
  
jLabel3.setText("jLabel2");
```

```
    javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
LEADING)
        .addGroup(layout.createSequentialGroup())
            .addGap(213, 213, 213)
            .addComponent(jLabel2)

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup())
            .addContainerGap(96, Short.MAX_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.
Alignment.LEADING)
            .addComponent(jLabel3)
            .addComponent(jLabel1)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.
Alignment.TRAILING, false)
            .addGroup(layout.createSequentialGroup())
                .addComponent(jButton1)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacemen  
t.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE,  
Short.MAX_VALUE)  
        .addComponent(jButton2))  
        .addComponent(jScrollPane1,  
javax.swing.GroupLayout.PREFERRED_SIZE, 306,  
javax.swing.GroupLayout.PREFERRED_SIZE)))  
        .addGap(122, 122, 122))  
    );  
    layout.setVerticalGroup(
```

```
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.  
LEADING)
```

```
        .addGroup(layout.createSequentialGroup()  
            .addGap(38, 38, 38)  
            .addComponent(jLabel1)  
            .addGap(18, 18, 18)  
            .addComponent(jScrollPane1,  
javax.swing.GroupLayout.PREFERRED_SIZE, 106,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
            .addGap(18, 18, 18)  
            .addComponent(jLabel2)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacemen  
t.RELATED, 143, Short.MAX_VALUE)
```

```

        .addComponent(jLabel3)

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacemen
t.RELATED)

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.
Alignment.BASELINE)
            .addComponent(jButton1)
            .addComponent(jButton2))
        .addContainerGap()
    );

    pack();
} // </editor-fold>

```

```

private void jList1MouseClicked(java.awt.event.MouseEvent
evt) {
    try {
        if(this.jList1.getModel().getSize()>0){
            this.mascotaSelected =
this.lstMascotas[jList1.getSelectedIndex()];
            jLabel2.setIcon(new
ImageIcon(this.lstMascotas[jList1.getSelectedIndex()].getUrlFot
o()));

```

```

        jLabel3.setText("Precio:
"+String.valueOf(this.lstMascotas[jList1.getSelectedIndex()].get
Precio()));
    }else{
        JOptionPane.showMessageDialog(null, "No hay mascotas
para mostrar");
    }
} catch (Exception ex) {

```

```

Logger.getLogger(frmPerfil.class.getName()).log(Level.SEVERE,
null, ex);
}
}

```

```

private void
jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    if(mascotaSelected!=null){
        try {

            if(mascotaSelected.getPrecio()<=EntrenadorControlador.dameE
ntrenadorActual().getDinero()){

                this.mascotaSelected.setNombre(JOptionPane.showInputDialog(
null,"Ingrese el apodo de su mascota: "));

```

```
        this.mascotaSelected.setFechaNacimiento(new  
SimpleDateFormat("yyyy MM dd  
HH:mm:ss").format(Calendar.getInstance().getTime()));  
  
if(EntrenadorControlador.dameEntrenadorActual().agregaMasco  
ta(this.mascotaSelected)){
```

```
EntrenadorControlador.dameEntrenadorActual().setDinero(Entr  
enadorControlador.dameEntrenadorActual().getDinero()-masco  
taSelected.getPrecio());
```

```
        JOptionPane.showMessageDialog(null, "Mascota  
agregada de manera correcta");
```

```
    }else{
```

```
        JOptionPane.showMessageDialog(null, "Error al  
agregar Mascota");
```

```
    }
```

```
    }else{
```

```
        JOptionPane.showMessageDialog(null, "Dinero  
insuficiente");
```

```
    }
```

```
    } catch (Exception e) {
```

```
    }
```

```
    }else{
```



```
JOptionPane.showMessageDialog(null, "No hay  
seleccionado ninguna mascota");
```

```
    }  
}
```

```
private void  
jButton2ActionPerformed(java.awt.event.ActionEvent evt) {  
    GuiControlador.damePerfil().setVisible(true);  
    GuiControlador.dameTiendaMascotas().dispose();  
}
```

```
/**  
 * @param args the command line arguments  
 */  
public static void main(String args[]) {  
    /* Set the Nimbus look and feel */  
    //<editor-fold defaultstate="collapsed" desc=" Look and feel  
setting code (optional) ">  
    /* If Nimbus (introduced in Java SE 6) is not available, stay  
with the default look and feel.  
    * For details see  
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel  
/plaf.html  
    */  
    try {
```

```

        for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
            if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());
                break;
            }
        }
    } catch (ClassNotFoundException ex) {

```

```

java.util.logging.Logger.getLogger(frmListPokemon.class.getNa
me()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {

```

```

java.util.logging.Logger.getLogger(frmListPokemon.class.getNa
me()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {

```

```

java.util.logging.Logger.getLogger(frmListPokemon.class.getNa
me()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex)
{

```

```

java.util.logging.Logger.getLogger(frmListPokemon.class.getNa
me()).log(java.util.logging.Level.SEVERE, null, ex);
    }

```

```

//</editor-fold>

/* Create and display the form */
java.awt.EventQueue.invokeLater(new Runnable() {
    public void run() {
        new frmListPokemon().setVisible(true);
    }
});
}

// Variables declaration - do not modify
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JList<String> jList1;
private javax.swing.JScrollPane jScrollPane1;
// End of variables declaration

private void llenarListaTienda() {
    for(Mascota m: lstMascotas){
        this.mascotasBuyModel.addElement(m.getNombre());
    }
    this.jList1.setModel(mascotasBuyModel);
}

```

}

CartaMon

CartaMon()

main(String[]) void

Mascota

urlFoto String

nombre String

fechaNacimiento String

precio int

nivel int

sigNivel int

etapa EtapaMascota

Mascota(String int, EtapaMascota, String)

getPrecio() int

getUrlFoto() String

getSigNivel() int

setUrlFoto(String) void

setFechaNacimiento(String) void

setNivel(int) void

getEtapa() EtapaMascota

setPrecio(int) void

getNivel() int

getPrecioRevivir() int

asignaPrecio() int

toString() String

setNombre(String) void

calcularNivelSig() int

setSigNivel(int) void

getNombre() String

setEtapa(EtapaMascota) void

getFechaNacimiento() String

Entrenador

masctas Mascota[]

nombre String

dinero int

urlFoto String

Entrenador(String, String)

setNombre(String) void

getDinero() int

setUrlFoto(String) void

toString() String

getNombre() String

setDinero(int) void

getUrlFoto() String

getMasctas() Mascota[]

setMasctas(Mascota[]) void

agregaMascota(Mascota) boolean

EtapaMascota

CRECE_VIVE

NACIMIENTO

MUERTO

EtapaMascota()

values() EtapaMascota[]

valueOf(String) EtapaMascota

Batalla

masctota_A Mascota

masctota_B Mascota

Batalla()

Package images

Package GUI