

```

package controller;

import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;
import java.text.ParseException;
import java.text.SimpleDateFormat;
import java.util.Date;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

import org.hibernate.Session;
import org.hibernate.Transaction;
import org.hibernate.resource.transaction.spi.TransactionStatus;
import org.json.simple.JSONArray;
import org.json.simple.JSONObject;
import org.json.simple.parser.JSONParser;

import model.SgdDocumento;

/**
 * Servlet implementation class ServletGuardarDocumento
 */
@WebServlet("/ServletGuardarDocumento")
public class ServletGuardarDocumento extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public ServletGuardarDocumento() {
        super();
        // TODO Auto-generated constructor stub
    }

    /**
     * @see HttpServlet#doGet(HttpServletRequest request,
    HttpServletResponse response)
     */
    protected void doGet(HttpServletRequest request, HttpServletResponse
    response) throws ServletException, IOException {
        // TODO Auto-generated method stub
        response.getWriter().append("Served at:
    ").append(request.getContextPath());
    }

    /**
     * @see HttpServlet#doPost(HttpServletRequest request,
    HttpServletResponse response)
     */

```

```
protected void doPost(HttpServletRequest request, HttpServletResponse
response) throws ServletException, IOException {
```

```
    System.out.println("Ingreso al post");
    BufferedReader br = new BufferedReader (new
InputStreamReader(request.getInputStream()));
    String fechaIni= null;
    String fechaFin = null;
    String convenio= null;
    String valor = null;
    String valorOriginal = null;
    String tipoDoc = null;
    String nombreDoc = null;
    Date fechaInicio = null;
    Date fechaFinalizacion = null;
    SgdDocumento documento = new SgdDocumento();
    SimpleDateFormat formato = new SimpleDateFormat("MM/dd/yyyy");
```

```
    String json = "";
    if(br != null){
        json = br.readLine();
        System.out.println("--"+json.toString());
    }
```

```
    JSONParser parser = new JSONParser();
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        JSONObject jsonOb;
        JSONArray jsonEntidades= null;
        try {
            jsonOb = (JSONObject) parser.parse(json);
            JSONArray jsonarr = (JSONArray)
jsonOb.get("detallePVM");

            System.out.println("--"+jsonarr);

            for (int i = 0; i < jsonarr.size(); i++) {

                JSONObject jsonObject = (JSONObject)
jsonarr.get(i);
                System.out.println("El
boject---"+i+"---"+jsonObject);

                fechaIni = (String) jsonObject.get("fechaIni");
                fechaFin = (String) jsonObject.get("fechaFin");
                convenio = (String) jsonObject.get("convenio");
                valorOriginal = (String) jsonObject.get("valor");
                tipoDoc = (String) jsonObject.get("tipoDoc");
                nombreDoc = (String) jsonObject.get("nombreDoc");
                valor = valorOriginal.replace(".", "");

                if (valor.isEmpty())
                {
                    valor="0";
                }
```

```

        try {
            fechaInicio = formato.parse(fechaIni);
            fechaFinalizacion = formato.parse(fechaFin);
        } catch (ParseException e) {
            // TODO Auto-generated catch block
            e.printStackTrace();
        }

        documento.setConvId(Integer.parseInt(convenio));
        documento.setDocuFechaIni(fechaInicio);
        documento.setDocuFechaFin(fechaFinalizacion);

        documento.setDocuValor(Double.parseDouble(valor));
        documento.setTidoId(Integer.parseInt(tipoDoc));
        documento.setDocuNombre(nombreDoc);
        documento.setDocuPath("./recursos");
        documento.setDocuEstado("activo");

        Session session =
HibernateUtil.getSessionFactory().getCurrentSession();
        Transaction tx = null;

                                System.out.println("Documento_convenio
guaread____"+documento.getDocuFechaIni());

                                session.beginTransaction();
                                tx = session.getTransaction();
                                session.save(documento);
                                tx.commit();

                                if
(tx.getStatus().equals(TransactionStatus.ACTIVE)) {
                                    tx.commit();
                                }
                                System.out.println("Documento_convenio
:::____"+documento.getDocuFechaIni());

                                }

        } catch (org.json.simple.parser.ParseException e1) {
            // TODO Auto-generated catch block
            e1.printStackTrace();
        }

    }

}

```