



UNINABUCO

ANÁLISE E DESENVOLVIMENTO DE SOFTWARE

TÓPICOS INTEGRADORES II

Documentação de Projeto de Software

Versão 3.0

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<https://github.com/lucas997/estudante-feliz>

2020

Controle de Versão do Documento

Data	Versão	Descrição
25/05/2020	3.0	Introdução e Modelo de dados do Projeto Estudante Feliz

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1. Introdução ao Documento

1.1. Área de negócio do Sistema

Software de cadastro em creches, para crianças que moram na região metropolitana de recife.

1.2. Principais funcionalidades

- Cadastrar Funcionário.
- Cadastrar Responsável pelo aluno.
- Consultar creches disponíveis na região metropolitana do recife e realizar o cadastro dos alunos.
- Consultar Funcionário.

1.3. Método de trabalho

Neste projeto serão usadas as seguintes tecnologias;

- Banco de dados MySQL
- SGBD: MySQL workbench
- Linguagem de Programação: Java
- IDE: Netbeans 8.2

2. Modelo de Dados

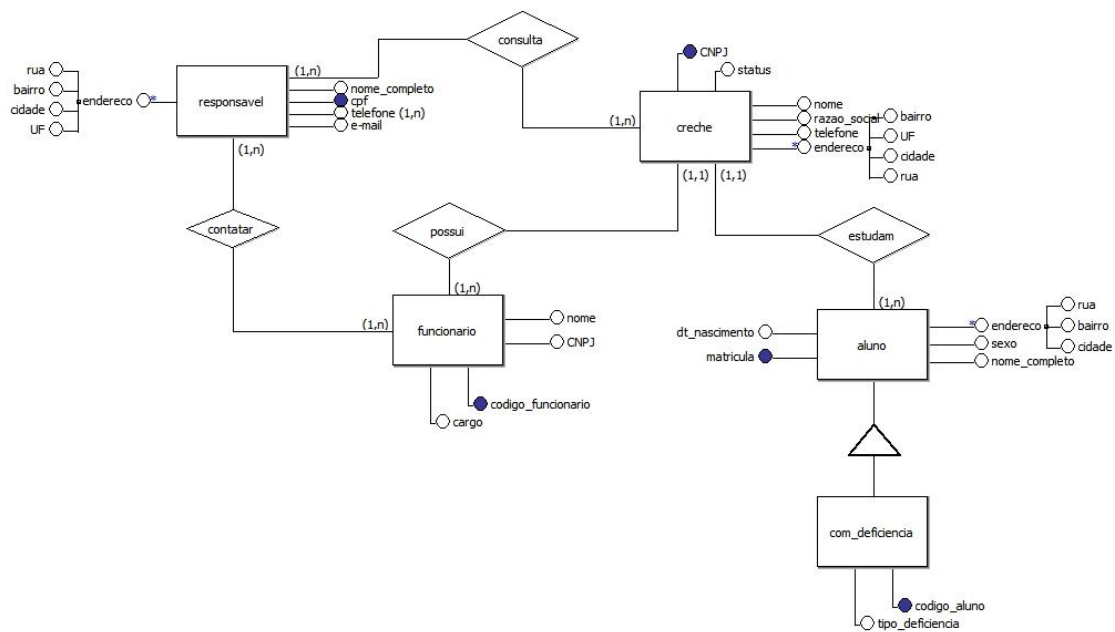
2.1. MODELO DE VISÃO

Este é um banco de dados de um sistema de vagas para crianças, de 0 a 4 anos em creches da região metropolitana do recife. Um pai ou responsável pode consultar uma ou mais creches e uma creche pode ser consultada por um ou mais responsáveis. o pai ou responsável terá em suas informações: nome completo, cpf, telefone podendo ter mais de um número, e-mail, endereço, rua, bairro, cidade e UF. Nas informações da creche terá: nome, CNPJ, razão social, telefone, endereço, rua, bairro, cidade e UF.

Cada creche terá disponibilidade para trabalhar com crianças com e sem deficiência, os alunos sem deficiência terão os campos: nome completo, matrícula, data de nascimento, sexo, endereço, rua bairro e cidade. Para as crianças com deficiência serão informados: nome completo, código do aluno, data de nascimento, telefone do pai ou responsável, endereço, rua, bairro, cidade e tipo de deficiência. As creches vão poder ter um ou mais alunos e os alunos terão que estudar no máximo em uma creche.

Cada creche terá um funcionário para o pai ou responsável manter contato com ele para saber se a criança está sob os devidos cuidados na ausência dos mesmos, cada pai pode contatar um ou mais funcionários e um funcionário manterá contato com um ou vários pais. Para os funcionários serem cadastrados serão preenchidos: nome, código do funcionário e cargo.

2.2 Modelo Conceitual



2.3 Modelo Lógico

Tabela Responsavel (nome_completo, cpf, e-mail, senha, rua, bairro, cidade, UF)

Chave primária: cpf

Tabela Creche (nome, razao_social, CNPJ, status, rua, bairro, cidade, UF, matricula)

Chave primaria: CNPJ

Chave estrangeira: matricula referencia aluno

Tabela Aluno (nome_completo, matricula, dt_nascimento, sexo, rua, bairro, cidade, tipo_deficiencia)

Chave primaria: matricula

Tabela Funcionario (nome, codigo_funcionario, senha, cargo, CNPJ)

Chave primaria: codigo_funcionario

Chave estrangeira: CNPJ referencia creche

Tabela responsavel_funcionario (cpf, codigo_funcionario)

Chave primaria: cpf, codigo_funcionario

Chave estrangeira: cpf referencia responsavel

Chave estrangeira: codigo_funcionario referencia funcionário

Tabela telefone_responsavel (telefone, cpf)

Chave primaria: telefone, cpf

Chave estrangeira: cpf referencia responsável

Tabela responsavel_creche (cpf, CNPJ)

Chave primaria: cpf, CNPJ

Chave estrangeira: cpf referencia responsável

Chave estrangeira: CNPJ referencia creche

2.4 Dicionário de Dados

Tabela	Descrição		
Responsavel	Armazenará as informações da tabela Responsável		
Campo	Tipo	Descrição	Observações e Regras
nome_completo	varchar(100)	Nome completo do responsável	Not Null
CPF	varchar(11)	CPF do responsável	Not Null; PK
email	varchar(100)	E-mail do responsável	Not Null
senha	varchar(20)	Senha do responsável	Not Null
rua	varchar(100)	Rua onde o responsável mora	Not Null
bairro	varchar(100)	Bairro do responsável	Not Null
cidade	varchar(100)	Cidade do responsável	Not Null
uf	varchar(2)	Unidade federativa do responsável	Not Null
Tabela	Descrição		
Creche	Armazenará as informações da tabela Creche		
Campo	Tipo	Descrição	Observações e Regras
nome	varchar(100)	Nome da creche	Not Null
razao_social	varchar(200)	Razão social da creche	Not Null / Unique
CNPJ	varchar(14)	CNPJ da creche	Not Null; PK
telefone	varchar(10)	Telefone da creche	Not Null
rua	varchar(100)	Rua onde a creche está localizada	Not Null
bairro	varchar(100)	Bairro onde a creche está localizada	Not Null
cidade	varchar(100)	Cidade onde a creche está localizada	Not Null
uf	varchar(2)	Unidade federativa na qual a creche está localizada	Not Null
matricula	varchar(8)	Matrícula do aluno na creche	Not Null; FK(Aluno)
status	varchar(11)	Status que define se a creche tem vagas disponíveis ou não	Not Null
Tabela	Descrição		
Aluno	Armazenará as informações da tabela Aluno		
Campo	Tipo	Descrição	Observações

			e Regras
nome_completo	varchar(100)	Nome completo do aluno	Not Null
matricula	varchar(8)	Matrícula do aluno na creche	Not Null; PK
dt_nascimento	date	Data de nascimento do aluno	Not Null; formato: aaaa/mm/dd
sexo	char(1)	Sexo do aluno	Not Null
rua	varchar(100)	Rua onde o aluno mora	Not Null
bairro	varchar(100)	Bairro onde o aluno mora	Not Null
cidade	varchar(100)	Cidade onde o aluno mora	Not Null
tipo_deficiencia	varchar(80)	Tipo de deficiência do aluno	

Tabela	Descrição
Funcionario	Armazenará as informações da tabela Funcionario

Campo	Tipo	Descrição	Observações e Regras
nome	varchar(100)	Nome do funcionário	Not Null
codigo_funcionario	varchar(4)	Código do funcionário	Not Null; PK
senha	varchar(20)	Senha do funcionário	Not Null
cargo	varchar(50)	Cargo do funcionário	Not Null
CNPJ	varchar(14)	CNPJ da creche	Not Null; FK

Tabela	Descrição
responsavel_funcionario	Armazenará as informações de contato entre o responsável e funcionário

Campo	Tipo	Descrição	Observações e Regras
CPF	varchar(11)	CPF do responsável	Not Null; PK; FK(Responsavel)
codigo_funcionario	varchar(4)	Código do funcionário	Not Null; PK; FK(Funcionario)

Tabela	Descrição
telefone_responsavel	Armazenará os telefones de contato do responsável

Campo	Tipo	Descrição	Observações e Regras
-------	------	-----------	----------------------

telefone	varchar(10)	telefones do responsável	Not Null; PK
CPF	varchar(11)	CPF do responsável	Not Null; FK(Responsavel)

Tabela	Descrição
responsavel_creche	Armazenará as informações entre o responsável e a creche

Campo	Tipo	Descrição	Observações e Regras
CPF	varchar(11)	CPF do responsável	Not Null; PK; FK(Responsavel)
CNPJ	varchar(14)	CNPJ da creche	Not Null; PK; FK(Creche)

2.5 Modelo Físico

2.5.1 Arquivo SQL DDL

```
DROP DATABASE IF EXISTS estudante_feliz;
```

```
CREATE DATABASE estudante_feliz;
```

```
use estudante_feliz;
```

```
CREATE TABLE responsavel (
```

```
nome_completo varchar(100) not null,
```

```
cpf varchar(11) not null primary key,
```

```
email varchar(100) not null,
```

```
rua varchar(100) not null,
```

```
senha varchar(20) not null,
```

```
bairro varchar(100) not null,
```

```
cidade varchar(100) not null,
```

```
uf varchar(2) not null
```

```
);
```

```
CREATE TABLE telefone_responsavel (
```

```
telefone varchar(10) not null,
```

```
cpf varchar(11) not null,
```

```
foreign key (cpf) references responsavel (cpf) on delete cascade on update cascade,
```

```
primary key(telefone)
```

```
);
```

```
CREATE TABLE aluno (
```

```
nome_completo varchar(100) not null,
```

```
matricula varchar(8) not null,  
dt_nascimento date not null,  
sexo char(1) not null,  
rua varchar(100) not null,  
bairro varchar(100) not null,  
cidade varchar(100) not null,  
tipo_deficiencia varchar(80),  
primary key(matricula)  
);
```

```
CREATE TABLE creche (  
nome varchar(100) not null,  
razao_social varchar(200) not null,  
cnpj varchar(14) not null,  
status varchar(11) not null,  
telefone varchar(10) not null,  
rua varchar(100) not null,  
bairro varchar(100) not null,  
cidade varchar(100) not null,  
uf varchar(2) not null,  
matricula varchar(8) not null,  
primary key (cnpj),  
constraint fk_aluno_creche foreign key (matricula) references aluno(matricula) on delete  
cascade on update cascade  
);
```

```
CREATE TABLE funcionario (
```

```
nome varchar(100) not null,  
  
codigo_funcionario varchar(100) not null,  
  
senha varchar (20) not null,  
  
cargo varchar(50) not null,  
  
cnpj varchar(14) not null,  
  
primary key (codigo_funcionario),  
  
constraint fk_creche_funcionario foreign key (cnpj) references creche (cnpj) on delete cascade  
on update cascade  
  
);
```

```
CREATE TABLE responsavel_funcionario (  
  
cpf varchar(11) not null,  
  
codigo_funcionario varchar(4) not null,  
  
constraint fk_responsavel_responsavel_funcionario foreign key (cpf) references  
responsavel(cpf) on delete cascade on update cascade,  
  
constraint fk_funcionario_responsavel_funcionario foreign key (codigo_funcionario)  
references funcionario(codigo_funcionario) on delete cascade on update cascade,  
  
constraint pk_responsavel_funcionario primary key (cpf,codigo_funcionario)  
  
);
```

```
CREATE TABLE responsavel_creche (  
  
cpf varchar(11) not null,  
  
cnpj varchar(14) not null,  
  
primary key (cpf,cnpj),  
  
constraint fk_responsavel_responsavel_creche foreign key (cpf) references responsavel(cpf)  
on delete cascade on update cascade,  
  
constraint fk_creche_responsavel_creche foreign key (cnpj) references creche(cnpj) on delete  
cascade on update cascade  
  
);
```

/* Adicionando valores na tabela responsavel */

```
INSERT INTO responsavel (nome_completo, cpf, email, rua, senha, bairro, cidade, uf) VALUES ('Isaac Martins Pereira', '87651245679', 'isaacmp-89@gmail.com', 'Rua Alba Valdes nº 87', 'Qwo.o9090', 'Timbi', 'Camaragibe', 'PE');
```

```
INSERT INTO responsavel (nome_completo, cpf, email, rua, senha, bairro, cidade, uf) VALUES ('Michele Rodrigues de Souza', '07891719281', 'michele_souza@hotmail.com', 'Rua da Paz nº 115', 'Po_90901267', 'Afogados', 'Recife', 'PE');
```

```
INSERT INTO responsavel (nome_completo, cpf, email, rua, senha, bairro, cidade, uf) VALUES ('Amanda Gonçalves Oliveira', '08198146732', 'amandago95@gmail.com', 'Rua Padre Lemos nº 28', '1230_wwsd', 'Casa Amarela', 'Recife', 'PE');
```

```
INSERT INTO responsavel (nome_completo, cpf, email, rua, senha, bairro, cidade, uf) VALUES ('Felipe Queiroz Mattos', '91627912781', 'felipe_queiroz05@gmail.com', 'Rua do Imperador nº 22', '9099@12zsdf', 'Dois Irmãos', 'Recife', 'PE');
```

```
INSERT INTO responsavel (nome_completo, cpf, email, rua, senha, bairro, cidade, uf) VALUES ('Diego Augusto Sabino Moreira', '85671439832', 'diegoasm@gmail.com', 'Rua Paraná nº 43', 'kgyz-78aswloren18', 'Jardim Brasil', 'Olinda', 'PE');
```

```
INSERT INTO responsavel (nome_completo, cpf, email, rua, senha, bairro, cidade, uf) VALUES ('admin', '12345678901', 'admin', 'adminn', '123456', 'abcd', 'bcde', 'PE');
```

/* inserindo valores na tabela telefone_responsavel */

```
INSERT INTO telefone_responsavel (telefone, cpf) VALUES ( '99869-2149', '87651245679');
```

```
INSERT INTO telefone_responsavel (telefone, cpf) VALUES ( '98341-0592', '07891719281');
```

```
INSERT INTO telefone_responsavel (telefone, cpf) VALUES ( '99914-7234', '08198146732');
```

```
INSERT INTO telefone_responsavel (telefone, cpf) VALUES ( '98674-1327', '91627912781');
```

```
INSERT INTO telefone_responsavel (telefone, cpf) VALUES ( '98865-4084', '85671439832');
```

```
/* inserindo valores na tabela aluno */
```

```
INSERT INTO aluno (nome_completo, matricula, dt_nascimento, sexo, rua, bairro, cidade, tipo_deficiencia) VALUES ('Maria Eduarda Silva Oliveira', '01243810', '2017-05-23', 'F', 'Rua Alba Valdes nº 87', 'Timbi', 'Camaragibe', 'Deficiência Visual');
```

```
INSERT INTO aluno (nome_completo, matricula, dt_nascimento, sexo, rua, bairro, cidade, tipo_deficiencia) VALUES ('João Vitor Rodrigues de Souza', '15544950', '2018-11-01', 'M', 'Rua da Paz nº 115', 'Afogados', 'Recife', 'Deficiência Auditiva');
```

```
INSERT INTO aluno (nome_completo, matricula, dt_nascimento, sexo, rua, bairro, cidade, tipo_deficiencia) VALUES ('Isabela Dias Gonçalves de Oliveira', '14037766', '2016-01-25', 'F', 'Rua Padre Lemos nº 28', 'Casa Amarela', 'Recife', null);
```

```
INSERT INTO aluno (nome_completo, matricula, dt_nascimento, sexo, rua, bairro, cidade, tipo_deficiencia) VALUES ('Matheus Henrique de Queiroz Matos', '13812493', '2016-12-25', 'M', 'Rua do Imperador nº 22', 'Dois Irmãos', 'Recife', null);
```

```
INSERT INTO aluno (nome_completo, matricula, dt_nascimento, sexo, rua, bairro, cidade, tipo_deficiencia) VALUES ('Luciana Peixoto Sabino Moreira', '01272130', '2018-02-02', 'F', 'Rua Paraná nº 43', 'Jardim Brasil', 'Olinda', null);
```

```
/* inserindo valores na tabela creche */
```

```
INSERT INTO creche (nome, razao_social, cnpj, status, telefone, rua, bairro, cidade, uf, matricula) VALUES ('Creche Recife 2000', 'Creche Municipal Recife 2000', '26153130186501', 'Disponível', '3355-3776', 'Rua Rio Solimões', 'Areias', 'Recife', 'PE', '01243810');
```



```
INSERT INTO creche (nome, razao_social, cnpj, status, telefone, rua, bairro, cidade, uf, matricula) VALUES ('Creche Esperança', 'Creche Municipal Esperança', '26170736986545', 'Cheia', '3232-7527', 'Rua Leila Félix Karan', 'San Martin', 'Recife', 'PE', '15544950');
```

```
INSERT INTO creche (nome, razao_social, cnpj, status, telefone, rua, bairro, cidade, uf, matricula) VALUES ('Creche Lar da Criança', 'Creche Municipal Lar da Criança', '20836508000131', 'Disponível', '8645-0116', 'Rua Um nº 100', 'Charnequinha', 'Cabo de Santo Agostinho', 'PE', '14037766');
```

```
INSERT INTO creche (nome, razao_social, cnpj, status, telefone, rua, bairro, cidade, uf, matricula) VALUES ('Creche Maria Alice Guerra', 'Creche Municipal Maria Alice Gonçalves Guerra', '21503000696787', 'Disponível', '3027-1474', 'Avenida Josadack Alves de França', 'Santa Mônica', 'Camaragibe', 'PE', '13812493');
```

```
INSERT INTO creche (nome, razao_social, cnpj, status, telefone, rua, bairro, cidade, uf, matricula) VALUES ('Creche Menino Jesus de Casa Forte', 'Creche Beneficente Menino Jesus de Casa Forte', '30149307000121', 'Cheia', '3268-1025', 'Rua Samuel de Farias', 'Casa Forte', 'Recife', 'PE', '01272130');
```

/* inserindo valores na tabela funcionario */

```
INSERT INTO funcionario (nome, codigo_funcionario, senha, cargo, cnpj) VALUES ('Fátima Pereira Gomes', '1', 'azyxs@1267878', 'Diretora', '26153130186501');
```

```
INSERT INTO funcionario (nome, codigo_funcionario, senha, cargo, cnpj) VALUES ('Carla Fernanda Monteiro', '2', 'oquwt**qw8900', 'Professora', '26170736986545');
```

```
INSERT INTO funcionario (nome, codigo_funcionario, senha, cargo, cnpj) VALUES ('Elias Muniz Bezerra da Silva', '3', 'CDxnx@b34123', 'Secretário', '20836508000131');
```

```
INSERT INTO funcionario (nome, codigo_funcionario, senha, cargo, cnpj) VALUES ('Allysson Breno Ferreira', '4', 'mnzx_4509**', 'Porteiro', '21503000696787');
```

```
INSERT INTO funcionario (nome, codigo_funcionario, senha, cargo, cnpj) VALUES ('Patrícia  
Silveira Cordeiro', '5', 'aqer_@M1234','Monitora', '30149307000121');
```

```
/* inserindo valores na tabela responsavel_funcionario */
```

```
INSERT INTO responsavel_funcionario (cpf, codigo_funcionario) VALUES ('87651245679', '1');
```

```
INSERT INTO responsavel_funcionario (cpf, codigo_funcionario) VALUES ('07891719281', '2');
```

```
INSERT INTO responsavel_funcionario (cpf, codigo_funcionario) VALUES ('08198146732', '3');
```

```
INSERT INTO responsavel_funcionario (cpf, codigo_funcionario) VALUES ('91627912781', '4');
```

```
INSERT INTO responsavel_funcionario (cpf, codigo_funcionario) VALUES ('85671439832', '5');
```

```
/* inserindo valores na tabela responsavel_creche */
```

```
INSERT INTO responsavel_creche (cpf, cnpj) VALUES ('87651245679', '26153130186501');
```

```
INSERT INTO responsavel_creche (cpf, cnpj) VALUES ('07891719281', '26170736986545');
```

```
INSERT INTO responsavel_creche (cpf, cnpj) VALUES ('08198146732', '20836508000131');
```

```
INSERT INTO responsavel_creche (cpf, cnpj) VALUES ('91627912781', '21503000696787');
```

```
INSERT INTO responsavel_creche (cpf, cnpj) VALUES ('85671439832', '30149307000121');
```

```
/* Relatórios */
```

```
/* 1- Listar os nomes de todos os funcinoários e de seus responsáveis. */
```

```
SELECT fun.nome AS nome_funcionario, res.nome_completo
```

```
FROM funcionario fun, responsavel_funcionario fre, responsavel res
```

```
WHERE fun.codigo_funcionario = fre.codigo_funcionario
```

```
AND res.cpf = fre.cpf;
```

```
/*2- Listar o nome, razão social e o nome do responsável das creches do município de Recife. */
```

```
SELECT cre.nome AS nome_creche, cre.razao_social, res.nome_completo AS  
nome_responsavel  
  
FROM responsavel res, responsavel_creche rec, creche cre  
  
WHERE res.cpf = rec.cpf  
  
AND cre.cnpj = rec.cnpj;
```

/* 3- Listar nome completo, data de nascimento e matricula dos alunos sem deficiência. */

```
SELECT alu.nome_completo AS nome_aluno, alu.dt_nascimento, alu.matricula  
  
FROM aluno alu  
  
WHERE alu.tipo_deficiencia IS NULL;
```

/*4- Apresentar a quantidde de funcionarios por creche. */

```
SELECT cre.cnpj, cre.nome, COUNT(fun.nome) AS quantidade_funcionario  
  
FROM creche cre, funcionario fun  
  
WHERE cre.cnpj = fun.cnpj group by cre.cnpj;
```

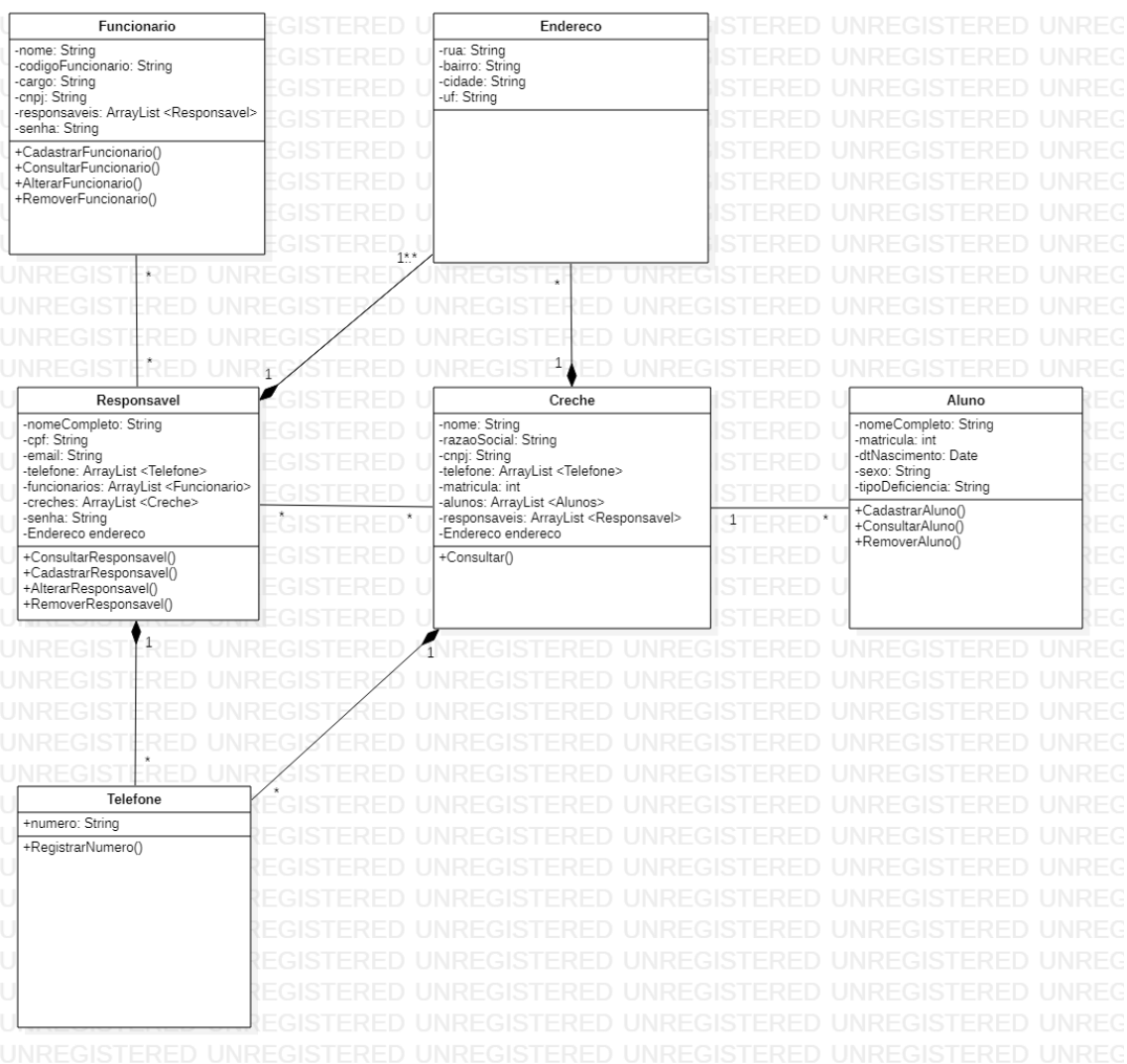
/*5- Informar a quantidade de alunos com deficiência, por creche. */

```
SELECT cre.cnpj, cre.nome, COUNT(nome_completo) AS quantidade_com_deficiencia  
  
FROM aluno alu left join creche cre  
  
ON cre.matricula = alu.matricula WHERE alu.tipo_deficiencia IS NOT NULL  
  
GROUP BY cre.cnpj;
```

3. Análise e Design

3.1. Diagrama de Classes

Diagrama de classes do projeto estudante feliz com todas as classes, atributos, métodos, associação e composições. O diagrama foi feito utilizando a ferramenta star UML.



4. Arquitetura do Software

4.1. Padrão de projeto

View

- TelaResp
- TelaFunc
- TelaLogin
- TelaPrincipal
- PesquisarFunc
- AlterarResp
- TelaAlterarAluno
- PesquisarAluno
- TelaCadastroAluno
- PesquisarCreche
- Contact

4.2 Protótipo

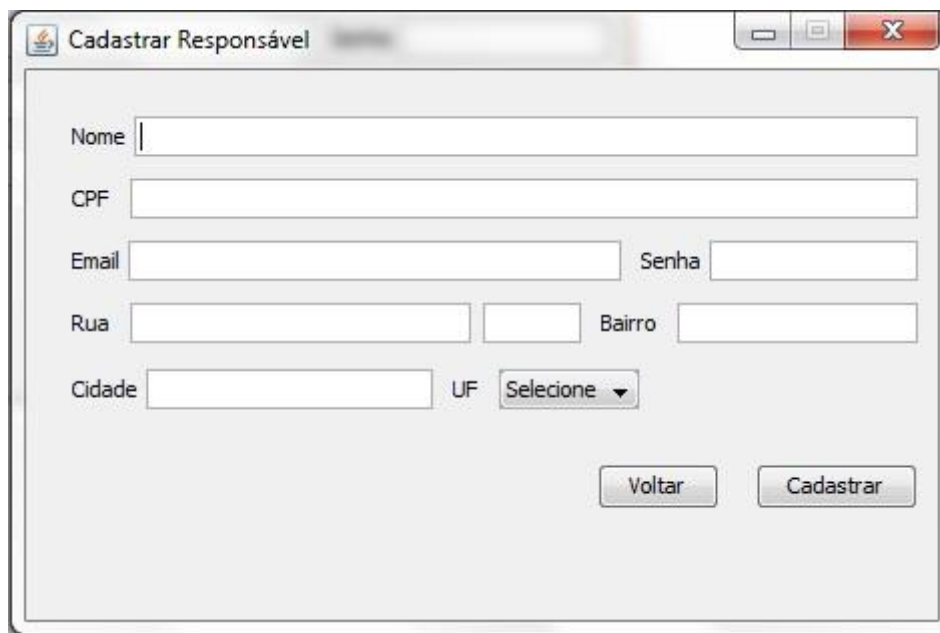
4.2.1. Padrão de projeto

O MVC (Model — View — Controll) é utilizado em muitos projetos devido à arquitetura que possui, o que possibilita a divisão do projeto em camadas muito bem definidas. Cada uma delas, o Model, o Controller e a View, executa o que lhe é definido e nada mais do que isso.

A utilização do padrão MVC trás como benefício isolar as regras de negócios da lógica de apresentação, a interface com o usuário. Isto possibilita a existência de várias interfaces com o usuário que podem ser modificadas sem que haja a necessidade da alteração das regras de negócios, proporcionando assim muito mais flexibilidade e oportunidades de reuso das classes.

Uma das características de um padrão de projeto é poder aplicá-lo em sistemas distintos. O padrão MVC pode ser utilizado em vários tipos de projetos como, por exemplo, desktop, web e mobile.

Cadastrar responsável



The screenshot shows a Java Swing window titled "Cadastrar Responsável". It features a light gray background and a standard Windows-style title bar with minimize, maximize, and close buttons. The form contains the following fields and controls:

- Nome:** A single-line text input field.
- CPF:** A single-line text input field.
- Email:** A single-line text input field.
- Senha:** A single-line text input field.
- Rua:** A single-line text input field.
- Bairro:** A single-line text input field.
- Cidade:** A single-line text input field.
- UF:** A dropdown menu with the text "Selecione" and a downward arrow.
- Buttons:** Two buttons at the bottom right, "Voltar" and "Cadastrar", with a light gray gradient and rounded corners.

Código da classe: /*

* To change this license header, choose License Headers in Project Properties.

* To change this template file, choose Tools | Templates

* and open the template in the editor.

*/

package view;

import controller.ControllerResponsavel;

import java.util.ArrayList;

import java.util.Arrays;

import javax.swing.JOptionPane;

import model.Telefone;

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

```
    ArrayList <String> campos = new ArrayList <String>();
```

```
    ArrayList <Telefone> telefone = new ArrayList <Telefone>();
```

```
    public TelaResp() {
```

```
        initComponents();
```

```
    }
```

```
    public void setTelefone(String telefone){
```

```
        Telefone tel = new Telefone();
```

```
        tel.setNumero(telefone);
```

```
        this.telefone.add(tel);
```

```
    }
```

```
    /**
```

```
     * 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() {

jPanel1 = new javax.swing.JPanel();

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

jLabel8 = new javax.swing.JLabel();

jTextFieldNome = new javax.swing.JTextField();

jTextFieldCPF = new javax.swing.JTextField();

jTextFieldEmail = new javax.swing.JTextField();

jPasswordFieldSenha = new javax.swing.JPasswordField();

jTextFieldRua = new javax.swing.JTextField();

jTextFieldBairro = new javax.swing.JTextField();

jTextFieldCidade = new javax.swing.JTextField();


```
jComboBoxUf = new javax.swing.JComboBox<>();
```

```
jButtonCadastrar = new javax.swing.JButton();
```

```
jButtonVoltar = new javax.swing.JButton();
```

```
jMenuBar1 = new javax.swing.JMenuBar();
```

```
jMenuTelefone = new javax.swing.JMenu();
```

```
jMenuItem1 = new javax.swing.JMenuItem();
```

```
setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);
```

```
setTitle("Cadastrar Responsável");
```

```
setResizable(false);
```

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

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

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

```
jLabel4.setText("Senha");
```

```
jLabel5.setText("Rua");
```

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

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

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

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

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

```
jComboBoxUf.setModel(new  
javax.swing.DefaultComboBoxModel<>(new String[] { "Selecione", "PE" }));
```

```
jButtonCadastrar.setText("Cadastrar");
```

```
jButtonCadastrar.addActionListener(new  
java.awt.event.ActionListener() {
```

```

        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButtonCadastrarActionPerformed(evt);
        }
    });

```

```

        jButtonVoltar.setText("Voltar");

        jButtonVoltar.addActionListener(new
java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButtonVoltarActionPerformed(evt);
            }
        });

```

```

        javax.swing.GroupLayout jPanel1Layout = new
        javax.swing.GroupLayout(jPanel1);

```

```

        jPanel1.setLayout(jPanel1Layout);

```

```

        jPanel1Layout.setHorizontalGroup(

```

```

        jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

```

```

            .addGroup(jPanel1Layout.createSequentialGroup()

```

```

                .addGap(23, 23, 23)

```

```

            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

```

```
.addGroup(jPanel1Layout.createSequentialGroup())
```

```
.addComponent(jLabel2)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELA  
TED)
```

```
.addComponent(jTextFieldCPF))
```

```
.addGroup(jPanel1Layout.createSequentialGroup())
```

```
.addComponent(jLabel1)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATE  
D)
```

```
.addComponent(jTextFieldNome,  
javax.swing.GroupLayout.PREFERRED_SIZE,          391,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addGroup(jPanel1Layout.createSequentialGroup())
```

```
.addComponent(jLabel3)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATE  
D)
```

```
.addComponent(jTextFieldEmail,  
javax.swing.GroupLayout.PREFERRED_SIZE,          246,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELA  
TED)
```

```
.addComponent(jLabel4)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
D)
```

```
        .addComponent(jPasswordFieldSenha,  
javax.swing.GroupLayout.PREFERRED_SIZE,           104,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel1Layout.createSequentialGroup())
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.A  
lignment.LEADING)
```

```
        .addGroup(jPanel1Layout.createSequentialGroup())
```

```
        .addComponent(jLabel5)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELA  
TED)
```

```
        .addComponent(jTextFieldRua)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED  
D)
```

```
        .addComponent(jLabel6))
```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel1Layout.createSequentialGroup())
```

```
        .addComponent(jLabel7)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED  
D)
```

```

        .addComponent(jTextFieldCidade)

        .addGap(10, 10, 10)

        .addComponent(jLabel8)))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELA
TED)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.A
lignment.LEADING)

        .addComponent(jComboBoxUf,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jTextFieldBairro,
javax.swing.GroupLayout.PREFERRED_SIZE,                120,
javax.swing.GroupLayout.PREFERRED_SIZE))))

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

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())

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

.addComponent(jButtonVoltar)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELA
TED)

.addComponent(jButtonCadastrar)

.addGap(9, 9, 9))

```

```

    );

    jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addGroup(jPanel1Layout.createSequentialGroup()

            .addGap(23, 23, 23)

                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                    .addComponent(jLabel1)

                    .addComponent(jTextFieldNome,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                    .addComponent(jLabel2)

                    .addComponent(jTextFieldCPF,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
    .addComponent(jLabel3)
```

```
    .addComponent(jTextFieldEmail,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
    .addComponent(jLabel4)
```

```
    .addComponent(jPasswordFieldSenha,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
    .addComponent(jLabel5)
```

```
    .addComponent(jTextFieldRua,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
    .addComponent(jLabel6)
```

```
    .addComponent(jTextFieldBairro,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE))
```



```
.addGap(13, 13, 13)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
.addComponent(jLabel7)
```

```
.addComponent(jTextFieldCidade,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addComponent(jLabel8)
```

```
.addComponent(jComboBoxUf,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

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

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
.addComponent(jButtonVoltar)
```

```
.addComponent(jButtonCadastrar))
```

```
.addContainerGap(35, Short.MAX_VALUE))
```

```
);
```

```
jMenuTelefone.setText("Telefone");
```

```
jMenuItem1.setText("Adicionar Telefone");
```

```

        jMenuItem1.addActionListener(new
java.awt.event.ActionListener() {

            public void actionPerformed(java.awt.event.ActionEvent evt) {

                jMenuItem1ActionPerformed(evt);

            }

        });

jMenuTelefone.add(jMenuItem1);


jMenuBar1.add(jMenuTelefone);


setJMenuBar(jMenuBar1);


        javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());

        getContentPane().setLayout(layout);

        layout.setHorizontalGroup(

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

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

            );

        layout.setVerticalGroup(

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

```

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

```
        .addGap(0, 0, Short.MAX_VALUE)
```

```
        .addComponent(jPanel1,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
    );
```

```
    pack();
```

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

```
private void  
jButtonCadastrarActionPerformed(java.awt.event.ActionEvent evt) {
```

```
    String nomeCompleto = jTextFieldNome.getText();
```

```
    String cpf = jTextFieldCPF.getText();
```

```
    String email = jTextFieldEmail.getText();
```

```
    String senha = jPasswordFieldSenha.getPassword().toString();
```

```
    String rua = jTextFieldRua.getText();
```

```
    String bairro = jTextFieldBairro.getText();
```

```
    String cidade = jTextFieldCidade.getText();
```

```
    String uf = jComboBoxUf.getSelectedItem().toString();
```

```
    boolean sucesso;
```

```
try {

    ControllerResponsavel cr = new ControllerResponsavel();

    sucesso = cr.cadastrarResponsavel(nomeCompleto, cpf, email,
senha, rua, bairro, cidade, uf);

    if(sucesso == true){

        JOptionPane.showMessageDialog(this, "O cadastro foi
realizado com sucesso!");

    }else{

        JOptionPane.showMessageDialog(this, "Os campos não foram
preenchidos corretamente");

    }

}

catch(Exception e){

    JOptionPane.showMessageDialog(this, "Erro: " + e);

}

/**boolean sucesso;
```

```
try {  
    ControllerResponsavel ce = new ControllerResponsavel();  
    sucesso = ce.cadastrar(jTextFieldNome.getText(),  
jTextFieldCPF.getText(), jTextFieldEmail.getText(), telefone, funcionario,  
creche, senha, rua, bairro, cidade, uf)  
}
```

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

```
    } */
```

```
}
```

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

```
private void  
jTextFieldCPFActionPerformed(java.awt.event.ActionEvent evt) {  
  
}
```

```
private void  
jButtonVoltarActionPerformed(java.awt.event.ActionEvent evt) {  
    this.dispose();
```

```
}
```

```
private void  
jMenuItem1ActionPerformed(java.awt.event.ActionEvent evt) {  
    TelaTelefone telatel = new TelaTelefone();  
    TelaPrincipal.jDesktopPane1.add(telatel);  
    telatel.setVisible(true);  
}
```

```
/**
```

```
 * @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.ht  
    ml
```

```
    */
```

```
    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(TelaResp.class.getName()).log(java.util.l
ogging.Level.SEVERE, null, ex);

        } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(TelaResp.class.getName()).log(java.util.l
ogging.Level.SEVERE, null, ex);

        } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(TelaResp.class.getName()).log(java.util.l
ogging.Level.SEVERE, null, ex);

        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(TelaResp.class.getName()).log(java.util.l
ogging.Level.SEVERE, null, ex);

        }

    }
}
//</editor-fold>

```

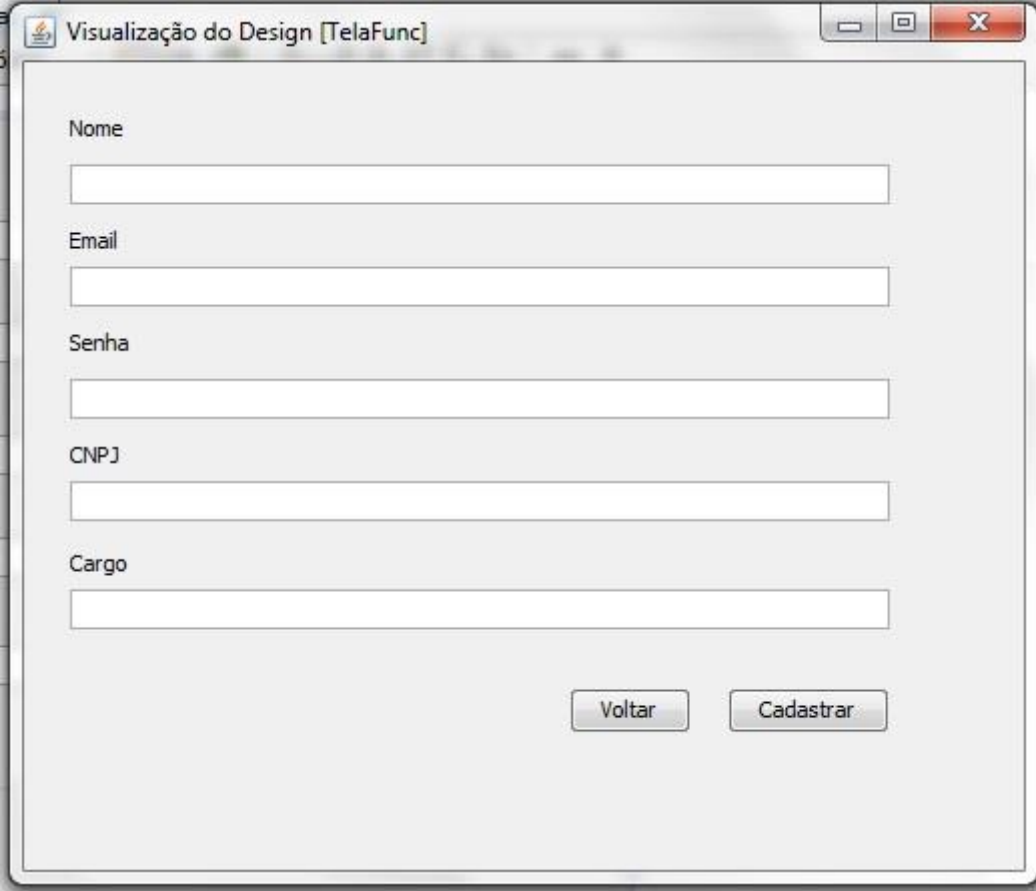
```
/* Create and display the form */  
  
java.awt.EventQueue.invokeLater(new Runnable() {  
    public void run() {  
        new TelaResp().setVisible(true);  
    }  
});  
}
```

```
// Variables declaration - do not modify  
  
private javax.swing.JButton jButtonCadastrar;  
private javax.swing.JButton jButtonVoltar;  
private javax.swing.JComboBox<String> jComboBoxUf;  
private javax.swing.JLabel jLabel1;  
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.JMenuBar jMenuBar1;  
private javax.swing.JMenuItem jMenuItem1;  
private javax.swing.JMenu jMenuTelefone;
```



```
private javax.swing.JPanel jPanel1;  
  
private javax.swing.JPasswordField jPasswordFieldSenha;  
  
private javax.swing.JTextField jTextFieldBairro;  
  
private javax.swing.JTextField jTextFieldCPF;  
  
private javax.swing.JTextField jTextFieldCidade;  
  
private javax.swing.JTextField jTextFieldEmail;  
  
private javax.swing.JTextField jTextFieldNome;  
  
private javax.swing.JTextField jTextFieldRua;  
  
// End of variables declaration  
  
}
```

Cadastrar funcionário



Visualização do Design [TelaFunc]

Nome

Email

Senha

CNPJ

Cargo

Voltar Cadastrar

Código da classe: /*

* To change this license header, choose License Headers in Project Properties.

* To change this template file, choose Tools | Templates

* and open the template in the editor.

*/

package view;

import controller.ControllerFuncionario;

import java.util.ArrayList;

```
import java.util.Arrays;
```

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

```
/**
```

```
*
```

```
* @author lucas
```

```
*/
```

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

```
    ArrayList <String> campos = new ArrayList <String>();
```

```
    public TelaFunc() {
```

```
        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() {
```

```
jPanel1 = new javax.swing.JPanel();  
  
jLabel1 = new javax.swing.JLabel();  
  
jLabel4 = new javax.swing.JLabel();  
  
jTextFieldNome = new javax.swing.JTextField();  
  
jPasswordFieldSenha = new javax.swing.JPasswordField();  
  
jLabel2 = new javax.swing.JLabel();  
  
jLabel5 = new javax.swing.JLabel();  
  
jTextFieldCargo = new javax.swing.JTextField();  
  
jButtonVoltar = new javax.swing.JButton();  
  
jFormattedTextFieldCnpj = new javax.swing.JFormattedTextField();  
  
jButtonCadastrar = new javax.swing.JButton();  
  
jLabel6 = new javax.swing.JLabel();  
  
jTextFieldCodFunc = new javax.swing.JTextField();  
  
jLabel3 = new javax.swing.JLabel();
```

```
setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);
```

```
setTitle("Cadastrar funcionário");
```

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

```
jLabel4.setText("Senha");
```

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

```
jLabel5.setText("Cargo");
```

```
jButtonVoltar.setText("Voltar");
```

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

```
jButtonCadastrar.setText("Cadastrar");
```

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

```
jLabel6.setText("Código do funcionário");
```

```

        javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);

        jPanel1.setLayout(jPanel1Layout);

        jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(jPanel1Layout.createSequentialGroup()

                .addGap(23, 23, 23)

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

                .addGroup(jPanel1Layout.createSequentialGroup()

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

                .addComponent(jLabel6)

                .addComponent(jTextFieldCargo,
javax.swing.GroupLayout.PREFERRED_SIZE, 409,
javax.swing.GroupLayout.PREFERRED_SIZE)

                .addComponent(jLabel5)

                .addComponent(jLabel2)

                .addComponent(jLabel4)

                .addComponent(jFormattedTextFieldCnpj,
javax.swing.GroupLayout.PREFERRED_SIZE, 409,
javax.swing.GroupLayout.PREFERRED_SIZE))

                .addGap(0, 57, Short.MAX_VALUE))

```

```

        .addGroup(jPanel1Layout.createSequentialGroup())

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

            .addComponent(jTextFieldNome,
                javax.swing.GroupLayout.Alignment.LEADING)

            .addComponent(jTextFieldCodFunc,
                javax.swing.GroupLayout.Alignment.LEADING,
                javax.swing.GroupLayout.DEFAULT_SIZE, 409, Short.MAX_VALUE)

            .addComponent(jLabel1,
                javax.swing.GroupLayout.Alignment.LEADING)

            .addComponent(jPasswordFieldSenha))

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

        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
            jPanel1Layout.createSequentialGroup())

            .addGap(0, 0, Short.MAX_VALUE)

            .addComponent(jButtonVoltar)

            .addGap(29, 29, 29)

            .addComponent(jButtonCadastrar)

            .addGap(75, 75, 75))))

    );

    jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

```

```
.addGroup(jPanel1Layout.createSequentialGroup())
```

```
.addGap(26, 26, 26)
```

```
.addComponent(jLabel1)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
```

```
.addComponent(jTextFieldNome,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addGap(19, 19, 19)
```

```
.addComponent(jLabel6)
```

```
.addGap(4, 4, 4)
```

```
.addComponent(jTextFieldCodFunc,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addGap(18, 18, 18)
```

```
.addComponent(jLabel4)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
```

```
.addComponent(jPasswordFieldSenha,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```



```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
```

```
    .addComponent(jLabel2)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
```

```
    .addComponent(jFormattedTextFieldCnpj,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
```

```
    .addComponent(jLabel5)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
```

```
    .addComponent(jTextFieldCargo,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

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

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
    .addComponent(jButtonVoltar)
```

```
    .addComponent(jButtonCadastrar))
```

```
    .addContainerGap(34, Short.MAX_VALUE))
```

```
);
```

```
jLabel3.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
```

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

```
        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()
```

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

```
            .addComponent(jLabel3)
```

```
            .addGap(172, 172, 172))
```

```
            .addGroup(layout.createSequentialGroup()
```

```
                .addComponent(jPanel1,
```

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

```
                javax.swing.GroupLayout.DEFAULT_SIZE,
```

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

```
                .addGap(0, 0, Short.MAX_VALUE))
```

```
        );
```

```
        layout.setVerticalGroup(
```

```

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

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

        .addContainerGap()

        .addComponent(jLabel3)


.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        .addComponent(jPanel1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addContainerGap())

    );

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

```

```

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

```

```

    String nome = jTextFieldNome.getText();

```

```

    String codFuncionario = jTextFieldCodFunc.getText();

```

```

    String cargo = jTextFieldCargo.getText();

```

```
String cnpj = jFormattedTextFieldCnpj.getText();

String senha = jPasswordFieldSenha.getPassword().toString();


boolean sucesso;


try{


    ControllerFuncionario cf = new ControllerFuncionario();

    sucesso = cf.cadastrarFuncionario(nome, codFuncionario, cargo,
cnpj, senha);

    if(sucesso == true){

        JOptionPane.showMessageDialog(this, "Cadastro realizado
com sucesso!");

    } else {

        JOptionPane.showMessageDialog(this, "Os campos não
foram preenchidos corretamente");

    }

}


catch(Exception e){

    JOptionPane.showMessageDialog(this, "Erro: " + e);

}
```

```
        /* this.campos.add(jTextFieldNome.getText());
        this.campos.add(jFormattedTextFieldCnpj.getText());

        this.campos.add(Arrays.toString(jPasswordFieldSenha.getPassword()));
        this.campos.add(jTextFieldEmail.getText());
        this.campos.add(jTextFieldCargo.getText());

        int qtd = 0;

        for(int i = 0; i < 5; i++){
            if(campos.get(i).trim().equals("") || campos.get(i) == null ||
campos.get(i).length() < 0) {
                qtd++;

            }else{

            }
        }

        if(qtd == 0) {
            JOptionPane.showMessageDialog(this, "Cadastrado com
sucesso");
```

```

        this.dispose();

        TelaLogin tlo = new TelaLogin();

        tlo.setVisible(true);

    }else{

        JOptionPane.showMessageDialog(this, "Preencha o campo em
branco");

        } */

    }

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

        this.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(TelaFunc.class.getName()).log(java.util.l  
ogging.Level.SEVERE, null, ex);  
  
    } catch (InstantiationException ex) {  
  
    java.util.logging.Logger.getLogger(TelaFunc.class.getName()).log(java.util.l  
ogging.Level.SEVERE, null, ex);  
  
    } catch (IllegalAccessException ex) {  
  
    java.util.logging.Logger.getLogger(TelaFunc.class.getName()).log(java.util.l  
ogging.Level.SEVERE, null, ex);  
  
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
```

```
java.util.logging.Logger.getLogger(TelaFunc.class.getName()).log(java.util.l  
ogging.Level.SEVERE, null, ex);
```

```
}
```

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

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

```
java.awt.EventQueue.invokeLater(new Runnable() {
```

```
    public void run() {
```

```
        new TelaFunc().setVisible(true);
```

```
    }
```

```
});
```

```
}
```

```
// Variables declaration - do not modify
```

```
private javax.swing.JButton jButtonCadastrar;
```

```
private javax.swing.JButton jButtonVoltar;
```

```
private javax.swing.JFormattedTextField jFormattedTextFieldCnpj;
```

```
private javax.swing.JLabel jLabel1;
```

```
private javax.swing.JLabel jLabel2;
```

```
private javax.swing.JLabel jLabel3;
```

```
private javax.swing.JLabel jLabel4;
```

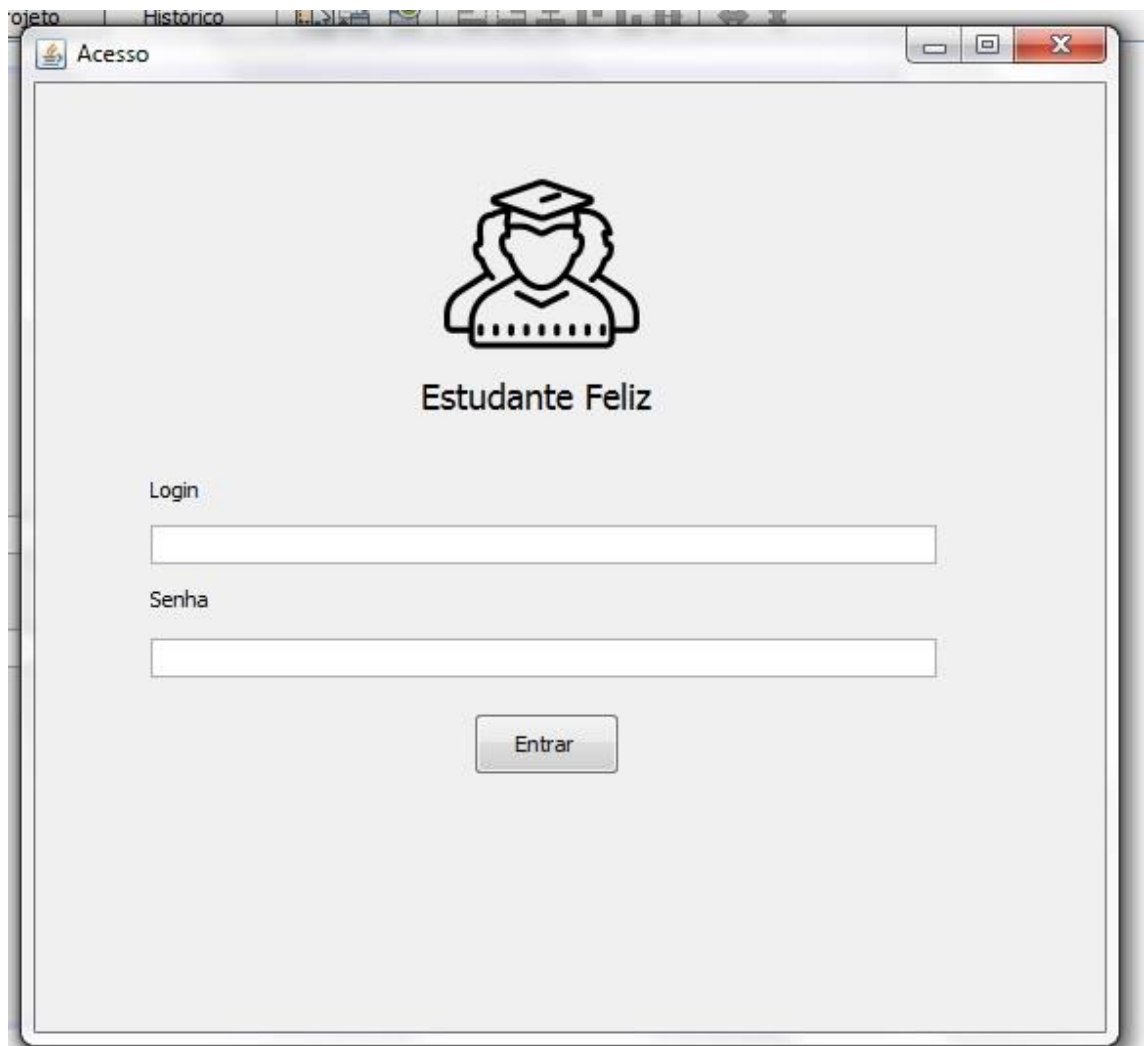
```
private javax.swing.JLabel jLabel5;
```

```
private javax.swing.JLabel jLabel6;
```



```
private javax.swing.JPanel jPanel1;  
  
private javax.swing.JPasswordField jPasswordFieldSenha;  
  
private javax.swing.JTextField jTextFieldCargo;  
  
private javax.swing.JTextField jTextFieldCodFunc;  
  
private javax.swing.JTextField jTextFieldNome;  
  
// End of variables declaration  
  
}
```

Login



Código da classe: /*

* To change this license header, choose License Headers in Project Properties.

* To change this template file, choose Tools | Templates

* and open the template in the editor.

*/

package view;

```
import controller.ControllerLogin;
```

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

```
import model.Login;
```

```
/**
```

```
*
```

```
* @author lucas
```

```
*/
```

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

```
/**
```

```
* Creates new form TelaLogin
```

```
*/
```

```
public TelaLogin() {
```

```
    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() {

    jButton1 = new javax.swing.JButton();

    jLabel4 = new javax.swing.JLabel();

    jPanel2 = new javax.swing.JPanel();

    jLabel3 = new javax.swing.JLabel();

    txtLogin = new javax.swing.JTextField();

    jLabel1 = new javax.swing.JLabel();

    txtSenha = new javax.swing.JPasswordField();

    btnEntrar = new javax.swing.JButton();

    jLabel2 = new javax.swing.JLabel();


    jButton1.setText("jButton1");


    setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);

    setTitle("Acesso");


    jLabel4.setIcon(new
    javax.swing.ImageIcon(getClass().getResource("/images/logo.png")));    //
    NOI18N

```

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

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

```
btnEntrar.setText("Entrar");
```

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

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

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

```
jPanel2Layout.setHorizontalGroup
```

```
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

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

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

```
    .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
```

```
        .addComponent(jLabel1)
```

```
        .addComponent(jLabel3)
```

```

        .addComponent(txtLogin)

        .addComponent(txtSenha,
javax.swing.GroupLayout.DEFAULT_SIZE, 402, Short.MAX_VALUE)

        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup())

        .addComponent(btnEntrar,
javax.swing.GroupLayout.PREFERRED_SIZE, 75,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(162, 162, 162)))

        .addContainerGap(86, Short.MAX_VALUE))

    );

    jPanel2Layout.setVerticalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE
ADING)

        .addGroup(jPanel2Layout.createSequentialGroup())

        .addGap(19, 19, 19)

        .addComponent(jLabel3)

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELA
TED)

        .addComponent(txtLogin,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELA
TED)

```

```

        .addComponent(jLabel1)

        .addGap(13, 13, 13)

        .addComponent(txtSenha,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(18, 18, 18)

        .addComponent(btnEntrar,
javax.swing.GroupLayout.PREFERRED_SIZE,          32,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addContainerGap(105, Short.MAX_VALUE))
    );

```

```

jLabel2.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N
jLabel2.setText("Estudante Feliz");

```

```

        javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());

        getContentPane().setLayout(layout);

        layout.setHorizontalGroup(

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

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

        .addGroup(layout.createSequentialGroup()

```

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

```
    .addGroup(layout.createSequentialGroup()
```

```
        .addGap(209, 209, 209)
```

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

```
    .addGroup(layout.createSequentialGroup()
```

```
        .addGap(197, 197, 197)
```

```
        .addComponent(jLabel2,
```

```
        javax.swing.GroupLayout.PREFERRED_SIZE, 126,
```

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

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

```
);
```

```
layout.setVerticalGroup(
```

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

```
    .addGroup(layout.createSequentialGroup()
```

```
        .addGap(45, 45, 45)
```

```
        .addComponent(jLabel4)
```

```
        .addGap(4, 4, 4)
```

```
        .addComponent(jLabel2)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
```



```
        .addComponent(jPanel2,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)  
        .addGap(26, 26, 26))  
    );
```

```
    pack();  
    setLocationRelativeTo(null);  
} // </editor-fold>
```

```
private void btnEntrarActionPerformed(java.awt.event.ActionEvent  
evt) {
```

```
    if(txtLogin.getText() != null && txtLogin.getText().length() > 0 &&  
txtSenha.getPassword() != null &&
```

```
    txtSenha.getText().length() > 0){
```

```
String senhaConvertidade = new String(txtSenha.getPassword());
```

```
Login login = new Login();
```

```
login.setUsuario(txtLogin.getText());
```

```
login.setSenha(senhaConvertidade);
```

```
ControllerLogin cl = new ControllerLogin();
```

```
cl.cadastrarLogin(login);
```

```
}
```

```
/*if(txtLogin.getText().equals("admin")                                &&  
txtSenha.getText().equals("1234")){
```

```
    JOptionPane.showMessageDialog(this, "Acesso Permitido!");
```

```
    TelaPrincipal telp = new TelaPrincipal();
```

```
    telp.setVisible(true);
```

```
} else {
```

```
    JOptionPane.showMessageDialog(this, "Acesso Negado!");
```

```
*/
```

```
/*TelaPrincipal telp = new TelaPrincipal();
```

```
telp.setVisible(true);*/
```

```
}
```

```

/**
 * @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.ht
ml

    */

    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(TelaLogin.class.getName()).log(java.util.  
logging.Level.SEVERE, null, ex);
```

```
    } catch (InstantiationException ex) {
```

```
java.util.logging.Logger.getLogger(TelaLogin.class.getName()).log(java.util.  
logging.Level.SEVERE, null, ex);
```

```
    } catch (IllegalAccessException ex) {
```

```
java.util.logging.Logger.getLogger(TelaLogin.class.getName()).log(java.util.  
logging.Level.SEVERE, null, ex);
```

```
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
```

```
java.util.logging.Logger.getLogger(TelaLogin.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 TelaLogin().setVisible(true);
```

```
    }
```

```
});
```

```
}
```

```
// Variables declaration - do not modify

private javax.swing.JButton btnEntrar;

private javax.swing.JButton jButton1;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

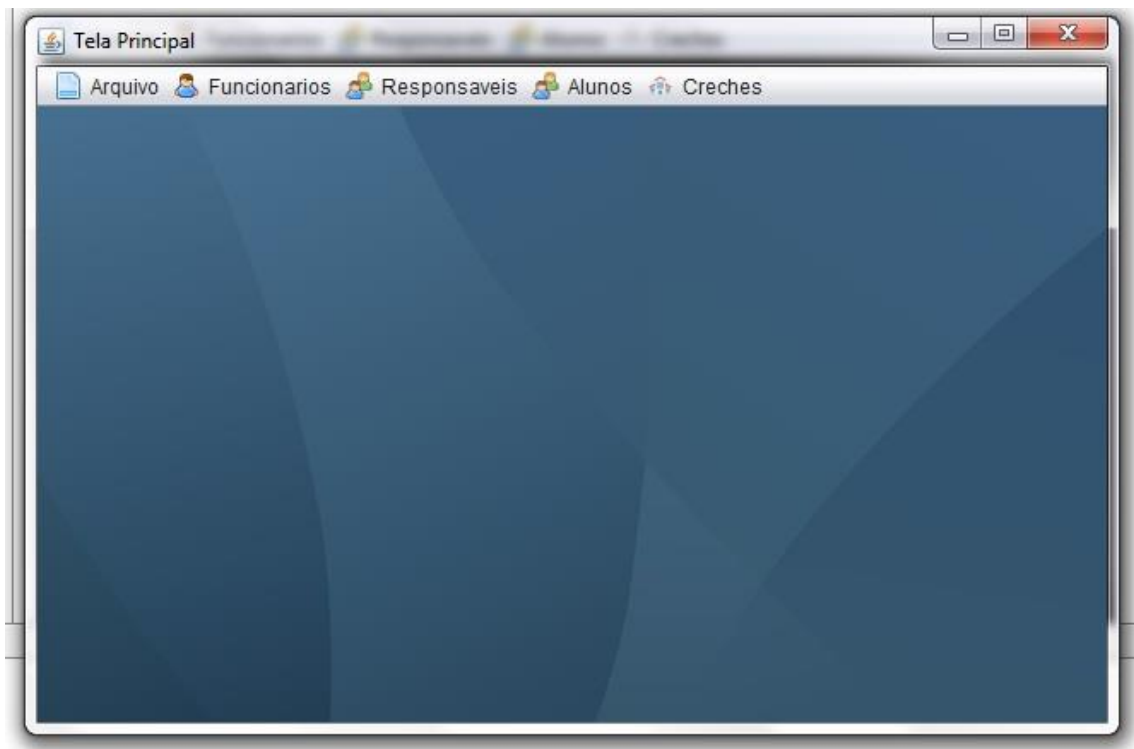
private javax.swing.JPanel jPanel2;

private javax.swing.JTextField txtLogin;

private javax.swing.JPasswordField txtSenha;

// End of variables declaration
}
```

Tela Principal



Código da classe: /*

* To change this license header, choose License Headers in Project Properties.

* To change this template file, choose Tools | Templates

* and open the template in the editor.

*/

package view;

/**

*

* @author lucas

*/

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

```
    /**
```

```
     * Creates new form TelaPrincipal
```

```
     */
```

```
    public TelaPrincipal() {
```

```
        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() {
```

```
        jDesktopPane1 = new javax.swing.JDesktopPane();
```

```
        jMenuBar1 = new javax.swing.JMenuBar();
```

```
        jMenuArquivo = new javax.swing.JMenu();
```

```
        jMenuItemSair = new javax.swing.JMenuItem();
```

```
jMenuFuncionario = new javax.swing.JMenu();  
jMenuItemPesquisarFunc = new javax.swing.JMenuItem();  
jMenuResponsaveis = new javax.swing.JMenu();  
jMenuItemAlterarResp = new javax.swing.JMenuItem();  
jMenuAlunos = new javax.swing.JMenu();  
jMenuItemAlterarAlunos = new javax.swing.JMenuItem();  
jMenuItemPesquisarAluno = new javax.swing.JMenuItem();  
jMenuItemCadastrarAluno = new javax.swing.JMenuItem();  
jMenu5 = new javax.swing.JMenu();  
jMenuItemPesquisarCreche = new javax.swing.JMenuItem();
```

```
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE)  
;
```

```
setTitle("Tela Principal");
```

```
javax.swing.GroupLayout    jDesktopPane1Layout    =    new  
javax.swing.GroupLayout(jDesktopPane1);
```

```
jDesktopPane1.setLayout(jDesktopPane1Layout);
```

```
jDesktopPane1Layout.setHorizontalGroup(
```

```
jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Align  
ment.LEADING)
```

```
.addGap(0, 625, Short.MAX_VALUE)
```

```
);
```



```

jDesktopPane1Layout.setVerticalGroup(

jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)

    .addGap(0, 360, Short.MAX_VALUE)

);

jMenuArquivo.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/images/page.png"))); //
NOI18N

jMenuArquivo.setText("Arquivo");

jMenuItemSair.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/images/door_out.png")));
// NOI18N

jMenuItemSair.setText("Sair");

jMenuItemSair.addActionListener(new
java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        jMenuItemSairActionPerformed(evt);

    }

});

jMenuArquivo.add(jMenuItemSair);

jMenuBar1.add(jMenuArquivo);

```

```
jMenuFuncionario.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/images/user.png"))); //  
NOI18N
```

```
jMenuFuncionario.setText("Funcionarios");
```

```
jMenuItemPesquisarFunc.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/images/zoom.png"))); //  
NOI18N
```

```
jMenuItemPesquisarFunc.setText("Pesquisar");
```

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

```
jMenuFuncionario.add(jMenuItemPesquisarFunc);
```

```
jMenuBar1.add(jMenuFuncionario);
```

```
jMenuResponsaveis.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/images/group.png"))); //  
NOI18N
```

```
jMenuResponsaveis.setText("Responsaveis");
```

```
jMenuItemAlterarResp.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/images/user_edit.png")));  
// NOI18N
```

```
jMenuItemAlterarResp.setText("Alterar");
```

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

```
jMenuResponsaveis.add(jMenuItemAlterarResp);
```

```
jMenuBar1.add(jMenuResponsaveis);
```

```
jMenuAlunos.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/images/group.png"))); //  
NOI18N
```

```
jMenuAlunos.setText("Alunos");
```

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

```
jMenuItemAlterarAlunos.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/images/user_edit.png")));  
// NOI18N
```

```
jMenuItemAlterarAlunos.setText("Alterar");
```

```
jMenuItemAlterarAlunos.addActionListener(new  
java.awt.event.ActionListener() {  
  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
  
        jMenuItemAlterarAlunosActionPerformed(evt);  
  
    }  
  
});  
  
jMenuAlunos.add(jMenuItemAlterarAlunos);
```

```
jMenuItemPesquisarAluno.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/images/zoom.png"))); //  
NOI18N
```

```
jMenuItemPesquisarAluno.setText("Pesquisar");
```

```
jMenuItemPesquisarAluno.addActionListener(new  
java.awt.event.ActionListener() {  
  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
  
        jMenuItemPesquisarAlunoActionPerformed(evt);  
  
    }  
  
});  
  
jMenuAlunos.add(jMenuItemPesquisarAluno);
```

```
jMenuItemCadastrarAluno.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/images/user_add.png")));  
// NOI18N
```

```
jMenuItemCadastrarAluno.setText("Cadastrar");
```

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

```
jMenuAlunos.add(jMenuItemCadastrarAluno);
```

```
jMenuBar1.add(jMenuAlunos);
```

```
jMenu5.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/images/creche.png"))); //  
NOI18N
```

```
jMenu5.setText("Creches");
```

```
jMenuItemPesquisarCreche.setIcon(new  
javax.swing.ImageIcon(getClass().getResource("/images/zoom.png"))); //  
NOI18N
```

```
jMenuItemPesquisarCreche.setText("Pesquisar");
```

```
jMenuItemPesquisarCreche.addActionListener(new  
java.awt.event.ActionListener() {  
  
    public void actionPerformed(java.awt.event.ActionEvent evt) {
```

```

        jMenuItemPesquisarCrecheActionPerformed(evt);
    }

});

jMenu5.add(jMenuItemPesquisarCreche);

jMenuBar1.add(jMenu5);

setJMenuBar(jMenuBar1);

javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jDesktopPane1)
);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jDesktopPane1)
);

pack();

```

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

```
private void  
jMenuItemPesquisarFuncActionPerformed(java.awt.event.ActionEvent  
evt) {
```

```
    PesquisarFunc pesquisafunc = new PesquisarFunc();
```

```
    jDesktopPane1.add(pesquisafunc);
```

```
    pesquisafunc.setVisible(true);
```

```
}
```

```
private void  
jMenuItemAlterarAlunosActionPerformed(java.awt.event.ActionEvent  
evt) {
```

```
    TelaAlterarAluno taa = new TelaAlterarAluno();
```

```
    jDesktopPane1.add(taa);
```

```
    taa.setVisible(true);
```

```
}
```

```
private void  
jMenuItemPesquisarAlunoActionPerformed(java.awt.event.ActionEvent  
evt) {
```

```
    PesquisarAluno pesquisaAlu = new PesquisarAluno();  
    jDesktopPane1.add(pesquisaAlu);  
    pesquisaAlu.setVisible(true);  
  
}
```

```
private void  
jMenuItemPesquisarCrecheActionPerformed(java.awt.event.ActionEvent  
evt) {
```

```
    PesquisarCreche pesquisacreche = new PesquisarCreche();  
    jDesktopPane1.add(pesquisacreche);  
    pesquisacreche.setVisible(true);  
  
}
```

```
private void  
jMenuItemAlterarRespActionPerformed(java.awt.event.ActionEvent evt) {
```



```
        AlterarResp alteraresp = new AlterarResp();  
        jDesktopPane1.add(alteraresp);  
        alteraresp.setVisible(true);  
  
    }  
  
}
```

```
        private void  
jMenuItemAlunosActionPerformed(java.awt.event.ActionEvent evt) {
```

```
        PesquisarAluno alteraAlu = new PesquisarAluno();  
        jDesktopPane1.add(alteraAlu);  
        alteraAlu.setVisible(true);  
  
    }  
  
}
```

```
        private void  
jMenuItemCadastrarAlunoActionPerformed(java.awt.event.ActionEvent  
evt) {
```

```
        TelaCadastroAluno tca = new TelaCadastroAluno();
```

```
jDesktopPane1.add(tca);

tca.setVisible(true);

}
```

```
private void
jMenuItemSairActionPerformed(java.awt.event.ActionEvent evt) {
    this.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.ht
ml

    */
    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(TelaPrincipal.class.getName()).log(java.
util.logging.Level.SEVERE, null, ex);

        } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(TelaPrincipal.class.getName()).log(java.
util.logging.Level.SEVERE, null, ex);

        } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(TelaPrincipal.class.getName()).log(java.
util.logging.Level.SEVERE, null, ex);

        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(TelaPrincipal.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 TelaPrincipal().setVisible(true);

    }

});

}

// Variables declaration - do not modify

public static javax.swing.JDesktopPane jDesktopPane1;

private javax.swing.JMenu jMenu5;

private javax.swing.JMenu jMenuAlunos;

private javax.swing.JMenu jMenuArquivo;

private javax.swing.JMenuBar jMenuBar1;

private javax.swing.JMenu jMenuFuncionario;

private javax.swing.JMenuItem jMenuItemAlterarAlunos;

private javax.swing.JMenuItem jMenuItemAlterarResp;

private javax.swing.JMenuItem jMenuItemCadastrarAluno;

private javax.swing.JMenuItem jMenuItemPesquisarAluno;

private javax.swing.JMenuItem jMenuItemPesquisarCreche;

private javax.swing.JMenuItem jMenuItemPesquisarFunc;

private javax.swing.JMenuItem jMenuItemSair;

private javax.swing.JMenu jMenuResponsaveis;
```

```
// End of variables declaration
```

```
}
```

Pesquisar funcionário



Pesquisar Funcionário

Nome

Código

Nome	Código	Cargo	Cnpj
------	--------	-------	------

Código da classe: /*

* To change this license header, choose License Headers in Project Properties.

* To change this template file, choose Tools | Templates

* and open the template in the editor.

*/

package view;

import dao.ExceptionDAO;

import dao.FuncionarioDAO;

import java.sql.SQLException;

import java.util.logging.Level;

```
import java.util.logging.Logger;
```

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

```
import javax.swing.table.DefaultTableModel;
```

```
import model.Funcionario;
```

```
/**
```

```
 *
```

```
 * @author lucas
```

```
 */
```

```
public class PesquisarFunc extends javax.swing.JInternalFrame {
```

```
    /**
```

```
     * Creates new form PesquisarFunc
```

```
    */
```

```
    public PesquisarFunc() {
```

```
        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.
```

```
*/
```

```
public void listarFuncionario (Funcionario funcionario) throws  
ExceptionDAO, SQLException{
```

```
    DefaultTableModel modelo = (DefaultTableModel)  
jTableListaFuncionario.getModel();
```

```
    modelo.setNumRows(0);
```

```
    FuncionarioDAO dao = new FuncionarioDAO();
```

```
    for (Funcionario f: dao.listarFuncionario(funcionario)){
```

```
        modelo.addRow(new Object[]{
```

```
            f.getNome(),
```

```
            f.getCodigoFuncionario(),
```

```
            f.getCargo(),
```

```
            f.getCnpj()
```

```
        });
```

```
    }
```



```
@SuppressWarnings("unchecked")

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

private void initComponents() {

    jPanel1 = new javax.swing.JPanel();
    jScrollPane1 = new javax.swing.JScrollPane();
    jTextFieldPesquisaNome = new javax.swing.JTextField();
    jButtonPesquisarFunc = new javax.swing.JButton();
    jButtonExcluir = new javax.swing.JButton();
    jLabel2 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    jTextFieldPesquisaCodigo = new javax.swing.JTextField();
    jLabel1 = new javax.swing.JLabel();

    setClosable(true);

    jTableListaFuncionario.setModel(new
    javax.swing.table.DefaultTableModel(
        new Object [][] {

        },
        new String [] {
            "Nome", "Código", "Cargo", "Cnpj"
        }
    )
}
```

```

));

jScrollPane1.setViewportViewView(jTableListaFuncionario);


jButtonPesquisarFunc.setText("Pesquisar");

jButtonPesquisarFunc.addActionListener(new
java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        jButtonPesquisarFuncActionPerformed(evt);

    }

});


jButtonExcluir.setText("Excluir");


jLabel2.setText("Nome");


jLabel3.setText("Código");


        javax.swing.GroupLayout jPanel1Layout = new
        javax.swing.GroupLayout(jPanel1);

        jPanel1.setLayout(jPanel1Layout);

        jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addGroup(jPanel1Layout.createSequentialGroup()

                .addContainerGap()

                .addComponent(jButtonExcluir)

                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

                .addComponent(jButtonPesquisarFunc)

                .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, true, false)

                .addComponent(jLabel2)

                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

                .addComponent(jLabel3)

                .addContainerGap())

        );

```

```

        .addGap(113, 113, 113)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.A
ignment.TRAILING)

        .addGroup(jPanel1Layout.createSequentialGroup())

        .addComponent(jLabel2)

        .addGap(18, 18, 18)

        .addComponent(jTextFieldPesquisaNome,
javax.swing.GroupLayout.PREFERRED_SIZE,          343,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGroup(jPanel1Layout.createSequentialGroup())

        .addComponent(jLabel3)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELA
TED)

        .addComponent(jTextFieldPesquisaCodigo,
javax.swing.GroupLayout.PREFERRED_SIZE,          345,
javax.swing.GroupLayout.PREFERRED_SIZE)))

        .addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.A
ignment.LEADING)

        .addComponent(jButtonExcluir,
javax.swing.GroupLayout.PREFERRED_SIZE,          79,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jButtonPesquisarFunc))

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

```

```

        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())

        .addContainerGap(52, Short.MAX_VALUE)

        .addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE,          651,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addContainerGap(95, Short.MAX_VALUE))

    );

    jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addGroup(jPanel1Layout.createSequentialGroup())

        .addGap(34, 34, 34)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

            .addComponent(jTextFieldPesquisaNome,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

            .addComponent(jButtonPesquisarFunc)

            .addComponent(jLabel2))

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
    .addComponent(jButtonExcluir)
```

```
    .addComponent(jLabel3)
```

```
    .addComponent(jTextFieldPesquisaCodigo,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,  
    31, Short.MAX_VALUE)
```

```
    .addComponent(jScrollPane1,  
        javax.swing.GroupLayout.PREFERRED_SIZE,                230,  
        javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
    .addGap(55, 55, 55))
```

```
);
```

```
jLabel1.setFont(new java.awt.Font("Tahoma", 1, 24)); // NOI18N
```

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

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

```
        getContentPane().setLayout(layout);
```

```
        layout.setHorizontalGroup(
```

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

```

        .addGroup(layout.createSequentialGroup())

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

        .addContainerGap())

        .addGroup(layout.createSequentialGroup())

        .addGap(210, 210, 210)

        .addComponent(jLabel1)

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

    );

    layout.setVerticalGroup(

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

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

        .addGap(41, 41, 41)

        .addComponent(jLabel1)


.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATE
D, 48, Short.MAX_VALUE)

        .addComponent(jPanel1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

    );

```

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

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

```
    Funcionario funcionario = new Funcionario();  
    funcionario.setNome(jTextFieldPesquisaNome.getText());
```

```
    funcionario.setCodigoFuncionario(jTextFieldPesquisaCodigo.getText());
```

```
    funcionario.listarFuncionario(funcionario);
```

```
    try {  
        listarFuncionario(funcionario);
```

```
    } catch (ExceptionDAO ex) {
```

```
        Logger.getLogger(PesquisarFunc.class.getName()).log(Level.SEVERE, null,  
        ex);
```

```
    } catch (SQLException ex) {
```

```
Logger.getLogger(PesquisarFunc.class.getName()).log(Level.SEVERE, null,
ex);
```

```
}
```

```
}
```

```
// Variables declaration - do not modify
```

```
private javax.swing.JButton jButtonExcluir;
```

```
private javax.swing.JButton jButtonPesquisarFunc;
```

```
private javax.swing.JLabel jLabel1;
```

```
private javax.swing.JLabel jLabel2;
```

```
private javax.swing.JLabel jLabel3;
```

```
private javax.swing.JPanel jPanel1;
```

```
private javax.swing.JScrollPane jScrollPane1;
```

```
private static final javax.swing.JTable jTableListaFuncionario = new
javax.swing.JTable();
```

```
private javax.swing.JTextField jTextFieldPesquisaCodigo;
```

```
private javax.swing.JTextField jTextFieldPesquisaNome;
```



```
// End of variables declaration
```

```
private void initComponents() {  
    throw new UnsupportedOperationException("Not supported  
yet."); //To change body of generated methods, choose Tools |  
Templates.  
}  
}
```

Alterar responsável



The image shows a Java Swing window titled "Alterar Responsavel". It has a standard window frame with a title bar, a maximize button, and a close button. The main content area is light gray. At the top, the title "Alterar Responsavel" is centered in bold black text. Below the title, there are two text input fields. The first field is labeled "Email" and the second is labeled "Senha". Both labels are to the left of their respective input fields. At the bottom of the window, there are two buttons: "Voltar" on the left and "Salvar" on the right. Both buttons are light gray with a slight gradient and a thin border.

Código da classe:

```
/*
```

* To change this license header, choose License Headers in Project Properties.

* To change this template file, choose Tools | Templates

* and open the template in the editor.

```
*/
```

```
package view;
```

```
import controller.ControllerResponsavel;
```

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

```
import model.Login;
```

```
/**
```

```
*
```

```
* @author lucas
```

```
*/
```

```
public class AlteraResp extends javax.swing.JInternalFrame {
```

```
/**
```

```
 * Creates new form AlteraResp
```

```
*/
```

```
Login log = new Login();
```

```
public void setarLogin(Login login){
```

```
    this.log = login;
```

```
}
```

```
public AlteraResp() {
```

```
    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() {

    jPanel1 = new javax.swing.JPanel();
    jPanel2 = new javax.swing.JPanel();
    jLabel3 = new javax.swing.JLabel();
    jLabel4 = new javax.swing.JLabel();
    jTextFieldAlterarEmail = new javax.swing.JTextField();
    jPasswordFieldAlterarSenha = new javax.swing.JPasswordField();
    jButtonSalvar = new javax.swing.JButton();
    jButtonVoltar = new javax.swing.JButton();
    jLabel9 = new javax.swing.JLabel();
    jMenuItemBar1 = new javax.swing.JMenuBar();

    setClosable(true);

    jLabel3.setText("Email");

    jLabel4.setText("Senha");

    jButtonSalvar.setText("Salvar");
    jButtonSalvar.addActionListener(new
java.awt.event.ActionListener() {
```

```

        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButtonSalvarActionPerformed(evt);
        }
    });

```

```

        jButtonVoltar.setText("Voltar");

        jButtonVoltar.addActionListener(new
java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButtonVoltarActionPerformed(evt);
            }
        });

```

```

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

```

```

        jPanel2.setLayout(jPanel2Layout);

```

```

        jPanel2Layout.setHorizontalGroup(

```

```

        jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

```

```

            .addGroup(jPanel2Layout.createSequentialGroup()

```

```

                .addGap(23, 23, 23)

```

```

            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

```

```

        .addGroup(jPanel2Layout.createSequentialGroup())

        .addGap(101, 101, 101)

        .addComponent(jButtonVoltar,
javax.swing.GroupLayout.PREFERRED_SIZE,          70,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(30, 30, 30)

        .addComponent(jButtonSalvar,
javax.swing.GroupLayout.PREFERRED_SIZE,          79,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGroup(jPanel2Layout.createSequentialGroup())

        .addComponent(jLabel4)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATE
D)

        .addComponent(jPasswordFieldAlterarSenha))

        .addGroup(jPanel2Layout.createSequentialGroup())

        .addComponent(jLabel3)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATE
D)

        .addComponent(jTextFieldAlterarEmail,
javax.swing.GroupLayout.PREFERRED_SIZE,          352,
javax.swing.GroupLayout.PREFERRED_SIZE)))

        .addContainerGap(30, Short.MAX_VALUE))

    );

jPanel2Layout.setVerticalGroup(

```

```
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

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

```
        .addGap(56, 56, 56)
```

```
    .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
        .addComponent(jLabel3)
```

```
        .addComponent(jTextFieldAlterarEmail,  
            javax.swing.GroupLayout.PREFERRED_SIZE,  
            javax.swing.GroupLayout.DEFAULT_SIZE,  
            javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
```

```
    .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
        .addComponent(jLabel4)
```

```
        .addComponent(jPasswordFieldAlterarSenha,  
            javax.swing.GroupLayout.PREFERRED_SIZE,  
            javax.swing.GroupLayout.DEFAULT_SIZE,  
            javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
        .addGap(26, 26, 26)
```

```
    .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
        .addComponent(jButtonSalvar)
```

```

        .addComponent(jButtonVoltar))

        .addContainerGap(60, Short.MAX_VALUE))

    );

    jLabel9.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
    jLabel9.setText("Alterar Responsavel");

    javax.swing.GroupLayout jPanel1Layout = new
    javax.swing.GroupLayout(jPanel1);

    jPanel1.setLayout(jPanel1Layout);

    jPanel1Layout.setHorizontalGroup(

    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

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

        .addGroup(jPanel1Layout.createSequentialGroup()

            .addGap(123, 123, 123)

            .addComponent(jLabel9)

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

    );

    jPanel1Layout.setVerticalGroup(

```



```
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel1Layout.createSequentialGroup()
```

```
    .addComponent(jLabel9)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,  
9, Short.MAX_VALUE)
```

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

```
);
```

```
setJMenuBar(jMenuBar1);
```

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

```
    getContentPane().setLayout(layout);
```

```
    layout.setHorizontalGroup(
```

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

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

```
);
```

```

        layout.setVerticalGroup(

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

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

            .addGap(0, 9, Short.MAX_VALUE)

            .addComponent(jPanel1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

        );

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

```

```

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

    String email = jTextFieldAlterarEmail.getText();

    String senhaConvertidade = new
String(jPasswordFieldAlterarSenha.getPassword());

    boolean sucesso;

```

```
try {

    ControllerResponsavel cr = new ControllerResponsavel();

    sucesso = cr.alterarResponsavel(email, senhaConvertidade,
log.getCpf());

    if(sucesso == true){

        JOptionPane.showMessageDialog(this, "As alterações foram
realizadas com sucesso!");

    }else{

        JOptionPane.showMessageDialog(this, "Os campos não foram
preenchidos corretamente");

    }

}

catch(Exception e){

    JOptionPane.showMessageDialog(this, "Erro: " + e);

}

/**boolean sucesso;

try {

    ControllerResponsavel ce = new ControllerResponsavel();
```

```
        sucesso = ce.cadastrar(jTextFieldNome.getText(),  
jTextFieldCPF.getText(), jTextFieldEmail.getText(), telefone, funcionario,  
creche, senha, rua, bairro, cidade, uf)
```

```
    }
```

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

```
    } */
```

```
}
```

```
private void  
jButtonVoltarActionPerformed(java.awt.event.ActionEvent evt) {  
    this.dispose();  
}
```

```
// Variables declaration - do not modify
```

```
private javax.swing.JButton jButtonSalvar;
```

```
private javax.swing.JButton jButtonVoltar;
```

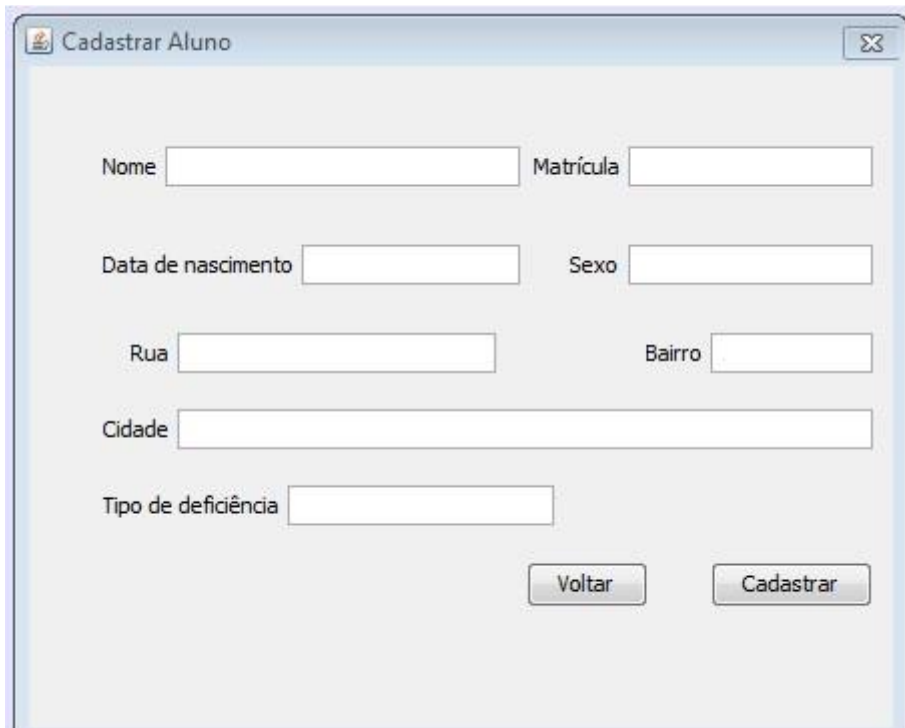
```
private javax.swing.JLabel jLabel3;
```

```
private javax.swing.JLabel jLabel4;
```

```
private javax.swing.JLabel jLabel9;
```

```
private javax.swing.JMenuBar jMenuBar1;  
  
private javax.swing.JPanel jPanel1;  
  
private javax.swing.JPanel jPanel2;  
  
private javax.swing.JPasswordField jPasswordFieldAlterarSenha;  
  
private javax.swing.JTextField jTextFieldAlterarEmail;  
  
// End of variables declaration  
  
}
```

Cadastrar aluno



The image shows a Java Swing window titled "Cadastrar Aluno". It has a standard window title bar with a close button. The main area contains several text input fields arranged in a form. The fields are labeled: "Nome", "Matrícula", "Data de nascimento", "Sexo", "Rua", "Bairro", "Cidade", and "Tipo de deficiência". The "Cidade" field is a single-line text box, while the others are also single-line text boxes. At the bottom right of the window, there are two buttons: "Voltar" and "Cadastrar".

Código da classe: /*

* To change this license header, choose License Headers in Project Properties.

* To change this template file, choose Tools | Templates

* and open the template in the editor.

*/

package view;

import controller.ControllerAluno;

import dao.ExceptionDAO;

import java.text.ParseException;

import java.text.SimpleDateFormat;

import java.util.ArrayList;

```
import java.util.Date;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;
```

```
/**
```

```
*
```

```
* @author lucas
```

```
*/
```

```
public class TelaCadastroAluno extends javax.swing.JInternalFrame {
```

```
    ArrayList <String> campos = new ArrayList <String>();
```

```
    public TelaCadastroAluno() {
```

```
        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() {

    jPanel1 = new javax.swing.JPanel();
    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    jLabel4 = new javax.swing.JLabel();
    jLabel5 = new javax.swing.JLabel();
    jLabel6 = new javax.swing.JLabel();
    jLabel7 = new javax.swing.JLabel();
    jLabel8 = new javax.swing.JLabel();
    jTextFieldNome = new javax.swing.JTextField();
    jTextFieldMatricula = new javax.swing.JTextField();
    jTextFieldRua = new javax.swing.JTextField();
    jTextFieldBairro = new javax.swing.JTextField();
    jTextFieldCidade = new javax.swing.JTextField();
    jButtonCadastrar = new javax.swing.JButton();
    jButtonVoltar = new javax.swing.JButton();
    jFormattedTextFieldDtNascimento = new
javax.swing.JFormattedTextField();
    jTextFieldSexo = new javax.swing.JTextField();
    jTextFieldTipoDef = new javax.swing.JTextField();
```



```
setClosable(true);
```

```
setTitle("Cadastrar Aluno");
```

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

```
jLabel2.setText("Matrícula");
```

```
jLabel3.setText("Data de nascimento");
```

```
jLabel4.setText("Sexo");
```

```
jLabel5.setText("Rua");
```

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

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

```
jLabel8.setText("Tipo de deficiência");
```

```
jTextFieldRua.addActionListener(new  
java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jTextFieldRuaActionPerformed(evt);
```

```
    }  
});
```

```
    jButtonCadastrar.setText("Cadastrar");  
  
    jButtonCadastrar.addActionListener(new  
java.awt.event.ActionListener() {  
  
        public void actionPerformed(java.awt.event.ActionEvent evt) {  
  
            jButtonCadastrarActionPerformed(evt);  
  
        }  
  
    });
```

```
    jButtonVoltar.setText("Voltar");  
  
    jButtonVoltar.addActionListener(new  
java.awt.event.ActionListener() {  
  
        public void actionPerformed(java.awt.event.ActionEvent evt) {  
  
            jButtonVoltarActionPerformed(evt);  
  
        }  
  
    });
```

```
    jFormattedTextFieldDtNascimento.setFormatterFactory(new  
javax.swing.text.DefaultFormatterFactory(new  
javax.swing.text.DateFormatter()));
```

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

```

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

    .addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

    .addGroup(jPanel1Layout.createSequentialGroup()

        .addGap(37, 37, 37)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

    .addGroup(jPanel1Layout.createSequentialGroup()

        .addComponent(jLabel8)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

        .addComponent(jTextFieldTipoDef,
javax.swing.GroupLayout.PREFERRED_SIZE,          133,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(0, 0, Short.MAX_VALUE))

    .addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel1Layout.createSequentialGroup())
```

```
.addComponent(jLabel5)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
```

```
.addComponent(jTextFieldRua,  
javax.swing.GroupLayout.PREFERRED_SIZE, 159,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addGap(12, 12, 12))
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addGroup(jPanel1Layout.createSequentialGroup())
```

```
.addComponent(jLabel1)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
```

```
.addComponent(jTextFieldNome))
```

```
.addGroup(jPanel1Layout.createSequentialGroup())
```

```
.addComponent(jLabel3)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
```

```
.addComponent(jFormattedTextFieldDtNascimento,  
javax.swing.GroupLayout.DEFAULT_SIZE, 109, Short.MAX_VALUE))))
```

```
.addGap(7, 7, 7)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
```

```
.addGroup(jPanel1Layout.createSequentialGroup()
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addGroup(jPanel1Layout.createSequentialGroup()
```

```
.addGap(18, 18, 18)
```

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

```
.addComponent(jLabel2))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
```

```
.addComponent(jTextFieldMatricula,  
javax.swing.GroupLayout.DEFAULT_SIZE, 122, Short.MAX_VALUE)
```

```
.addComponent(jTextFieldSexo)))
```

```
.addGroup(jPanel1Layout.createSequentialGroup()
```

```
.addComponent(jLabel6)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATE  
D)
```

```
        .addComponent(jTextFieldBairro,  
javax.swing.GroupLayout.PREFERRED_SIZE,           81,  
javax.swing.GroupLayout.PREFERRED_SIZE))))
```

```
        .addGroup(jPanel1Layout.createSequentialGroup())
```

```
        .addComponent(jLabel7)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATE  
D)
```

```
        .addComponent(jTextFieldCidade))))
```

```
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel1Layout.createSequentialGroup())
```

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

```
        .addComponent(jButtonVoltar)
```

```
        .addGap(31, 31, 31)
```

```
        .addComponent(jButtonCadastrar)))
```

```
        .addContainerGap())
```

```
    );
```

```
    jPanel1Layout.setVerticalGroup(
```

```
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE  
ADING)
```

```
        .addGroup(jPanel1Layout.createSequentialGroup())
```

```
.addGap(40, 40, 40)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
    .addComponent(jLabel1)
```

```
    .addComponent(jLabel2)
```

```
    .addComponent(jTextFieldNome,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
    .addComponent(jTextFieldMatricula,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addGap(29, 29, 29)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
    .addComponent(jLabel3)
```

```
    .addComponent(jLabel4)
```

```
    .addComponent(jFormattedTextFieldDtNascimento,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
    .addComponent(jTextFieldSexo,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addGap(24, 24, 24)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
    .addComponent(jLabel5)
```

```
    .addComponent(jLabel6)
```

```
    .addComponent(jTextFieldRua,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
    .addComponent(jTextFieldBairro,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
    .addGap(18, 18, 18)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
    .addComponent(jLabel7)
```

```
    .addComponent(jTextFieldCidade,  
        javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
    .addGap(18, 18, 18)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
    .addComponent(jLabel8)
```

```
    .addComponent(jTextFieldTipoDef,  
        javax.swing.GroupLayout.PREFERRED_SIZE,
```



```
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
        .addGap(18, 18, 18)
```

```
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.A  
lignment.BASELINE)
```

```
            .addComponent(jButtonVoltar)
```

```
            .addComponent(jButtonCadastrar))
```

```
        .addContainerGap(56, Short.MAX_VALUE))
```

```
    );
```

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

```
        getContentPane().setLayout(layout);
```

```
        layout.setHorizontalGroup(
```

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

```
            .addComponent(jPanel1,
```

```
            javax.swing.GroupLayout.DEFAULT_SIZE,
```

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

```
        );
```

```
        layout.setVerticalGroup(
```

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

```
            .addComponent(jPanel1,
```

```
            javax.swing.GroupLayout.DEFAULT_SIZE,
```

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

```
);
```

```
pack();
```

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

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

```
private void  
jButtonCadastrarActionPerformed(java.awt.event.ActionEvent evt) {
```

```
    boolean sucesso;
```

```
    //String sexo = jComboBoxSexo.toString().trim();
```

```
    // String tipoDef = jComboBoxTipo_Deficiencia.toString().trim();
```

```
    ControllerAluno ca = new ControllerAluno();
```

```
    try {
```

```
        sucesso = ca.matricularAluno(jTextFieldNome.getText(),  
jTextFieldMatricula.getText(),  
jFormattedTextFieldDtNascimento.getText(),
```

```
        jTextFieldSexo.getText(),        jTextFieldTipoDef.getText(),
jTextFieldRua.getText(),                jTextFieldBairro.getText(),
jTextFieldCidade.getText());
```

```
        if(sucesso == true) {

            JOptionPane.showMessageDialog(this, "Cadastrado com
sucesso.");
```

```
        } else {

            JOptionPane.showMessageDialog(this, "Preencha o campo
corretamente.");

        }
```

```
    } catch(Exception e){

        JOptionPane.showMessageDialog(this, "Erro: " + e);

    }

}
```

```
        private void
jButtonVoltarActionPerformed(java.awt.event.ActionEvent evt) {

            this.dispose();

        }
```

```
// Variables declaration - do not modify
```

```
private javax.swing.JButton jButtonCadastrar;

private javax.swing.JButton jButtonVoltar;

private javax.swing.JFormattedTextField
jFormattedTextFieldDtNascimento;

private javax.swing.JLabel jLabel1;

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.JPanel jPanel1;

private javax.swing.JTextField jTextFieldBairro;

private javax.swing.JTextField jTextFieldCidade;

private javax.swing.JTextField jTextFieldMatricula;

private javax.swing.JTextField jTextFieldNome;

private javax.swing.JTextField jTextFieldRua;

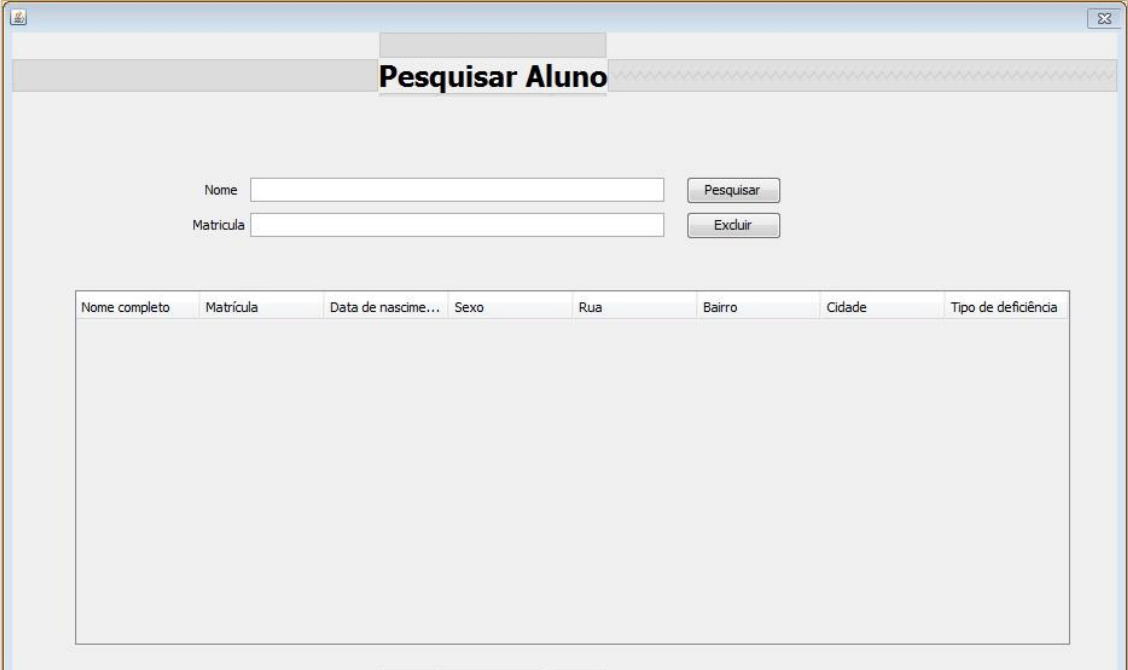
private javax.swing.JTextField jTextFieldSexo;

private javax.swing.JTextField jTextFieldTipoDef;

// End of variables declaration

}
```

Pesquisar aluno



Nome completo	Matricula	Data de nascime...	Sexo	Rua	Bairro	Cidade	Tipo de deficiência
---------------	-----------	--------------------	------	-----	--------	--------	---------------------

Código da classe: /*

* To change this license header, choose License Headers in Project Properties.

* To change this template file, choose Tools | Templates

* and open the template in the editor.

*/

package view;

import dao.AlunoDAO;

import dao.ExceptionDAO;

import java.sql.SQLException;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.table.DefaultTableModel;

```

import model.Aluno;

/**
 *
 * @author lucas
 */
public class PesquisarAluno extends javax.swing.JInternalFrame {

    /**
     * Creates new form PesquisarAluno
     */
    public PesquisarAluno() {
        initComponents();

    }

    public void listarALuno (Aluno aluno) throws ExceptionDAO,
SQLException{

        DefaultTableModel modelo = (DefaultTableModel)
jTableListaAluno.getModel();

        modelo.setNumRows(0);

        AlunoDAO dao = new AlunoDAO();

```

```

for (Aluno a: dao.listarAluno(aluno)){
    modelo.addRow(new Object[]{
        a.getNomeCompleto(),
        a.getMatricula(),
        a.getDtnascimento(),
        a.getSexo(),
        a.getEndereco().getRua(),
        a.getEndereco().getBairro(),
        a.getEndereco().getCidade(),
        a.getEndereco().getUf(),
        a.getTipoDeficiencia()

    });
}

}

```

/**

* 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() {

    jPanel1 = new javax.swing.JPanel();
    jScrollPane1 = new javax.swing.JScrollPane();
    jTableListaAluno = new javax.swing.JTable();
    jTextFieldNomeAluno = new javax.swing.JTextField();
    jButtonPesquisarAluno = new javax.swing.JButton();
    jButtonExcluirAluno = new javax.swing.JButton();
    jTextFieldPesquisaMatricula = new javax.swing.JTextField();
    jLabel2 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    jLabel1 = new javax.swing.JLabel();

    setClosable(true);

    jTableListaAluno.setModel(new
javax.swing.table.DefaultTableModel(
    new Object [][] {

    },
    new String [] {

```



```
        "Nome completo", "Matrícula", "Data de nascimento", "Sexo",  
        "Rua", "Bairro", "Cidade", "Tipo de deficiência"
```

```
    }
```

```
));
```

```
jScrollPane1.setViewportViewView(jTableListaAluno);
```

```
jButtonPesquisarAluno.setText("Pesquisar");
```

```
jButtonPesquisarAluno.addActionListener(new  
java.awt.event.ActionListener() {
```

```
    public void actionPerformed(java.awt.event.ActionEvent evt) {
```

```
        jButtonPesquisarAlunoActionPerformed(evt);
```

```
    }
```

```
});
```

```
jButtonExcluirAluno.setText("Excluir");
```

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

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

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

```
jPanel1.setLayout(jPanel1Layout);
```

```
jPanel1Layout.setHorizontalGroup(
```

```
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
    .addGroup(jPanel1Layout.createSequentialGroup())
```

```
        .addGap(150, 150, 150)
```

```
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
```

```
        .addGroup(jPanel1Layout.createSequentialGroup())
```

```
            .addComponent(jLabel2)
```

```
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
```

```
        .addComponent(jTextFieldNomeAluno,  
javax.swing.GroupLayout.PREFERRED_SIZE, 343,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
    .addGroup(jPanel1Layout.createSequentialGroup())
```

```
        .addComponent(jLabel3)
```

```
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
```

```
        .addComponent(jTextFieldPesquisaMatricula,  
javax.swing.GroupLayout.PREFERRED_SIZE, 343,  
javax.swing.GroupLayout.PREFERRED_SIZE)))
```

```
    .addGap(18, 18, 18)
```

```
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```

        .addComponent(jButtonPesquisarAluno)

        .addComponent(jButtonExcluirAluno,
javax.swing.GroupLayout.PREFERRED_SIZE,          79,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addContainerGap(268, Short.MAX_VALUE))

        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())

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

        .addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE,          824,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(29, 29, 29))

    );

    jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addGroup(jPanel1Layout.createSequentialGroup())

        .addGap(66, 66, 66)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

            .addComponent(jTextFieldNomeAluno,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

            .addComponent(jButtonPesquisarAluno)

```

```
.addComponent(jLabel2))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
.addComponent(jTextFieldPesquisaMatricula,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addComponent(jLabel3)
```

```
.addComponent(jButtonExcluirAluno))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,  
38, Short.MAX_VALUE)
```

```
.addComponent(jScrollPane1,  
javax.swing.GroupLayout.PREFERRED_SIZE, 293,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addGap(21, 21, 21))
```

```
);
```

```
jLabel1.setFont(new java.awt.Font("Tahoma", 1, 24)); // NOI18N
```

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

```
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(303, 303, 303)

                    .addComponent(jLabel1)

                    .addGap(422, Short.MAX_VALUE))

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

                    .addGroup(layout.createSequentialGroup()

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

                        .addGap(0))

                    .addGap(0))

                );

        layout.setVerticalGroup(

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

                .addGroup(layout.createSequentialGroup()

                    .addGap(21, 21, 21)

                    .addComponent(jLabel1)

                    .addGap(484, Short.MAX_VALUE))

```

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

```
    .addGroup(layout.createSequentialGroup()
```

```
        .addGap(53, 53, 53)
```

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

```
        .addContainerGap()))
```

```
    );
```

```
    pack();
```

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

```
private void  
jButtonPesquisarAlunoActionPerformed(java.awt.event.ActionEvent evt) {
```

```
    // TODO add your handling code here:
```

```
    Aluno aluno = new Aluno();
```

```
    aluno.setNomeCompleto(jTextFieldNomeAluno.getText());
```

```
    aluno.setMatricula(jTextFieldPesquisaMatricula.getText());
```

```
    aluno.listarAluno(aluno);
```

```
        listarAluno(aluno);

////        // listarResponsavel(responsavel);

    }


// Variables declaration - do not modify
private javax.swing.JButton jButtonExcluirAluno;
private javax.swing.JButton jButtonPesquisarAluno;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JPanel jPanel1;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTable jTableListaAluno;
private javax.swing.JTextField jTextFieldNomeAluno;
private javax.swing.JTextField jTextFieldPesquisaMatricula;

// End of variables declaration

private void listarAluno(Aluno aluno) {
```

```
        throw new UnsupportedOperationException("Not supported  
yet."); //To change body of generated methods, choose Tools |  
Templates.
```

```
    }
```

```
}
```


Pesquisar creche



Nome

Nome	Razão social	Cnpj	Status	Rua	Bairro	Cidade	Uf
------	--------------	------	--------	-----	--------	--------	----

Código da classe: /*

* To change this license header, choose License Headers in Project Properties.

* To change this template file, choose Tools | Templates

* and open the template in the editor.

*/

package view;

import controller.ControllerResponsavel;

import dao.CrecheDAO;

```
import dao.ExceptionDAO;

import java.sql.SQLException;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

import javax.swing.table.DefaultTableModel;

import model.Creche;


/**
 *
 * @author lucas
 */
public class PesquisarCreche extends javax.swing.JInternalFrame {


    /**
     * Creates new form PesquisarCreche
     */
    public PesquisarCreche() {
        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.

*/

```
public void listarCreche (Creche creche) throws ExceptionDAO,
SQLException{
```

```
    DefaultTableModel modelo = (DefaultTableModel)
jTablelistaCreche.getModel();
```

```
    modelo.setNumRows(0);
```

```
    CrecheDAO dao = new CrecheDAO();
```

```
    for (Creche c: dao.listarCreche(creche)){
```

```
        modelo.addRow(new Object[]{
```

```
            c.getNome(),
```

```
            c.getRazaoSocial(),
```

```
            c.getCnpj(),
```

```
            c.getStatus(),
```

```
            c.getEndereco().getRua(),
```

```
            c.getEndereco().getBairro(),
```

```
            c.getEndereco().getCidade(),
```

```
c.getEndereco().getUf()
```

```
});
```

```
}
```

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

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

```
private void initComponents() {
```

```
    jPanel1 = new javax.swing.JPanel();
```

```
    jTextFieldCampoPesquisa = new javax.swing.JTextField();
```

```
    jScrollPane2 = new javax.swing.JScrollPane();
```

```
    jTableListaCreche = new javax.swing.JTable();
```

```
    jLabel2 = new javax.swing.JLabel();
```

```
    jButtonPesquisaCreche = new javax.swing.JButton();
```

```
    jLabel1 = new javax.swing.JLabel();
```

```
    setClosable(true);
```

```
    jTableListaCreche.setModel(new  
    javax.swing.table.DefaultTableModel(  
        new Object [][] {
```

```

    },
    new String [] {
        "Nome", "Razão social", "Cnpj", "Status", "Rua", "Bairro",
"Cidade", "Uf"
    }
));

jScrollPane2.setViewportViewView(jTableListaCreche);

jLabel2.setText("Nome");

jButtonPesquisaCreche.setText("Pesquisar");

jButtonPesquisaCreche.addActionListener(new
java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        jButtonPesquisaCrecheActionPerformed(evt);

    }

});

javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

```

```
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
    .addGroup(jPanel1Layout.createSequentialGroup()
```

```
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
            .addGroup(jPanel1Layout.createSequentialGroup()
```

```
                .addGap(70, 70, 70)
```

```
                .addComponent(jLabel2)
```

```
                .addGap(18, 18, 18)
```

```
                .addComponent(jTextFieldCampoPesquisa,  
javax.swing.GroupLayout.PREFERRED_SIZE, 355,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
```

```
            .addComponent(jButtonPesquisaCreche))
```

```
        .addGroup(jPanel1Layout.createSequentialGroup()
```

```
            .addGap(33, 33, 33)
```

```
            .addComponent(jScrollPane2,  
javax.swing.GroupLayout.PREFERRED_SIZE, 652,  
javax.swing.GroupLayout.PREFERRED_SIZE)))
```

```
        .addContainerGap(22, Short.MAX_VALUE))
```

```
    );
```

```
    jPanel1Layout.setVerticalGroup(
```

```
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
    .addGroup(jPanel1Layout.createSequentialGroup()
```

```
        .addGap(81, 81, 81)
```

```
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
        .addComponent(jLabel2)
```

```
        .addComponent(jTextFieldCampoPesquisa,  
            javax.swing.GroupLayout.PREFERRED_SIZE,  
            javax.swing.GroupLayout.DEFAULT_SIZE,  
            javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
        .addComponent(jButtonPesquisaCreche))
```

```
    .addGap(52, 52, 52)
```

```
    .addComponent(jScrollPane2,  
        javax.swing.GroupLayout.PREFERRED_SIZE, 339,  
        javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
    .addContainerGap(22, Short.MAX_VALUE))
```

```
);
```

```
jLabel1.setFont(new java.awt.Font("Tahoma", 1, 24)); // NOI18N
```

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

```
        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(215, 215, 215)

            .addComponent(jLabel1)

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

        .addGroup(layout.createSequentialGroup())

            .addContainerGap()

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

            .addContainerGap())

    );

    layout.setVerticalGroup(

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

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

            .addGap(33, 33, 33)

            .addComponent(jLabel1)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATE
D, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

```



```
        .addComponent(jPanel1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(32, 32, 32))

    );
```

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

```
private void
jButtonPesquisaCrecheActionPerformed(java.awt.event.ActionEvent evt) {
```

```
    // TODO add your handling code here:
```

```
    //validação
```

```
    Creche creche = new Creche();
```

```
    creche.setNome(jTextFieldCampoPesquisa.getText());
```

```
    try {
```

```
        listarCreche(creche);
```

```
        // listarResponsavel(responsavel);
```

```
    } catch (ExceptionDAO ex) {
```

```
Logger.getLogger(PesquisarCreche.class.getName()).log(Level.SEVERE,  
null, ex);
```

```
    } catch (SQLException ex) {
```

```
Logger.getLogger(PesquisarCreche.class.getName()).log(Level.SEVERE,  
null, ex);
```

```
    }
```

```
}
```

```
// Variables declaration - do not modify
```

```
private javax.swing.JButton jButtonPesquisaCreche;
```

```
private javax.swing.JLabel jLabel1;
```

```
private javax.swing.JLabel jLabel2;
```

```
private javax.swing.JPanel jPanel1;
```

```
private javax.swing.JScrollPane jScrollPane2;
```

```
private javax.swing.JTable jTableListaCreche;
```

```
private javax.swing.JTextField jTextFieldCampoPesquisa;
```

```
// End of variables declaration
```

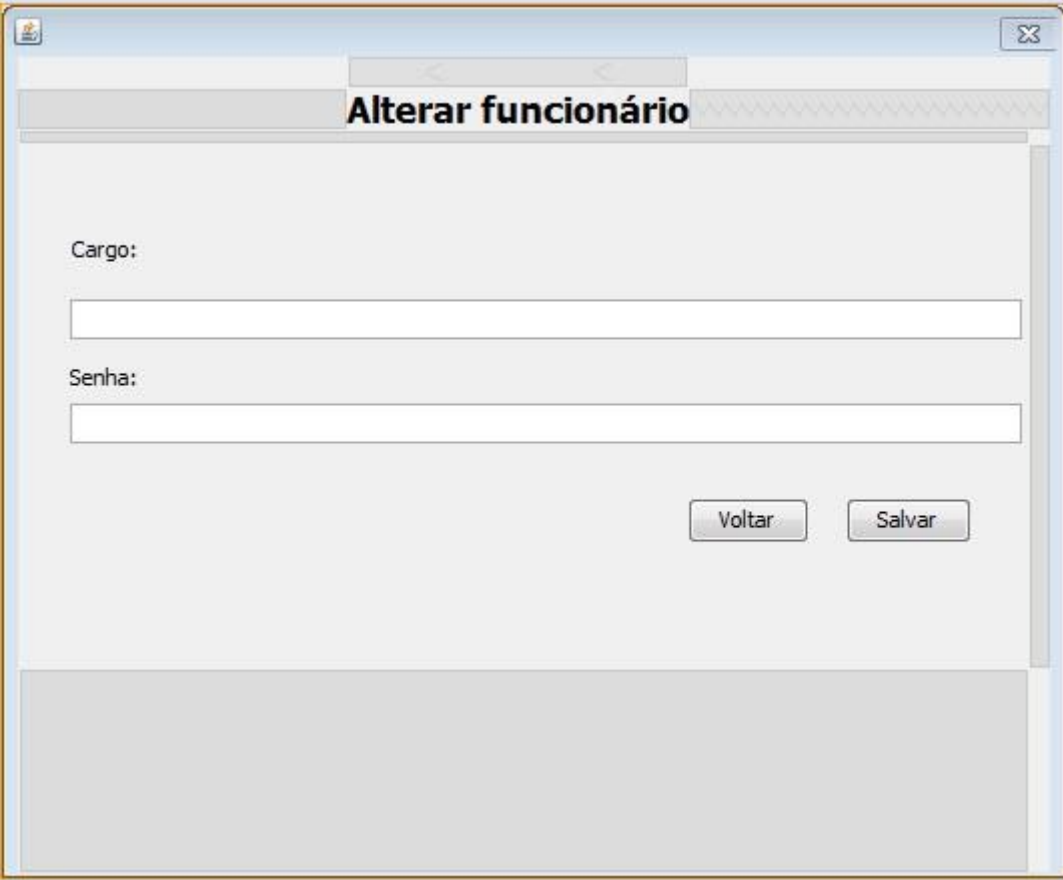
```
private void initComponents() {
```

```
        throw new UnsupportedOperationException("Not supported  
yet."); //To change body of generated methods, choose Tools |  
Templates.
```

```
    }
```

```
}
```

Alterar Funcionário:



The image shows a Java Swing window titled "Alterar funcionário". The window has a standard title bar with a close button. Below the title bar is a header bar with the text "Alterar funcionário". The main area contains two labels, "Cargo:" and "Senha:", each followed by a text input field. At the bottom right, there are two buttons: "Voltar" and "Salvar".

Código da classe: /*

* To change this license header, choose License Headers in Project Properties.

* To change this template file, choose Tools | Templates

* and open the template in the editor.

*/

package view;

import controller.ControllerFuncionario;

import javax.swing.JOptionPane;

```
/**
```

```
*
```

```
* @author lucas
```

```
*/
```

```
public class AlteraFunc extends javax.swing.JInternalFrame {
```

```
/**
```

```
* Creates new form AlteraFunc
```

```
*/
```

```
public AlteraFunc() {
```

```
    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() {
```

```
jPanel1 = new javax.swing.JPanel();

jLabel3 = new javax.swing.JLabel();

jPasswordFieldAlterarSenha = new javax.swing.JPasswordField();

jLabel5 = new javax.swing.JLabel();

jTextFieldAlterarCargo = new javax.swing.JTextField();

jButton1 = new javax.swing.JButton();

jButton2Salvar = new javax.swing.JButton();

jLabel6 = new javax.swing.JLabel();


setClosable(true);


jLabel3.setText("Senha:");


jLabel5.setText("Cargo:");


jButton1.setText("Voltar");

jButton1.addActionListener(new java.awt.event.ActionListener() {

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        jButton1ActionPerformed(evt);

    }

});
```

```

        jButton2Salvar.setText("Salvar");

        jButton2Salvar.addActionListener(new
java.awt.event.ActionListener() {

            public void actionPerformed(java.awt.event.ActionEvent evt) {

                jButton2SalvarActionPerformed(evt);

            }

        });

        javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);

        jPanel1.setLayout(jPanel1Layout);

        jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(jPanel1Layout.createSequentialGroup()

                .addGap(26, 26, 26)

                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

                    .addComponent(jPasswordFieldAlterarSenha)

                    .addComponent(jTextFieldAlterarCargo,
javax.swing.GroupLayout.DEFAULT_SIZE, 475, Short.MAX_VALUE)

                )

            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

                .addComponent(jButton2Cancelar)

            )

        );

```

```

        .addComponent(jLabel5)

        .addComponent(jLabel3)))

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

        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())

        .addGap(0, 0, Short.MAX_VALUE)

        .addComponent(jButton1)

        .addGap(18, 18, 18)

        .addComponent(jButton2Salvar)

        .addGap(35, 35, 35))

    );

    jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE
ADING)

        .addGroup(jPanel1Layout.createSequentialGroup())

        .addGap(46, 46, 46)

        .addComponent(jLabel5)

        .addGap(18, 18, 18)

        .addComponent(jTextFieldAlterarCargo,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(12, 12, 12)

        .addComponent(jLabel3)

```



```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
    .addGroup(jPanel1Layout.createSequentialGroup()
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
```

```
        .addComponent(jPasswordFieldAlterSenha,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
    .addGroup(jPanel1Layout.createSequentialGroup()
```

```
        .addGap(53, 53, 53)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
    .addComponent(jButton2Salvar)
```

```
    .addComponent(jButton1))))
```

```
.addContainerGap(63, Short.MAX_VALUE))
```

```
);
```

```
jLabel6.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
```

```
jLabel6.setText("Alterar funcionário");
```

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

```
        getContentPane().setLayout(layout);
```

```

        layout.setHorizontalGroup(

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

        .addGroup(layout.createSequentialGroup()

            .addComponent(jPanel1,
javax.swing.GroupLayout.PREFERRED_SIZE, 0, Short.MAX_VALUE)

            .addContainerGap())

        .addGroup(layout.createSequentialGroup()

            .addGap(164, 164, 164)

            .addComponent(jLabel6)

            .addContainerGap(180, Short.MAX_VALUE))

    );

    layout.setVerticalGroup(

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

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

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

            .addComponent(jLabel6)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

            .addComponent(jPanel1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

```

```

        .addGap(101, 101, 101))

    );

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

private void jButton1ActionPerformed(java.awt.event.ActionEvent
evt) {

    this.dispose();

}

private void jButton2SalvarActionPerformed(java.awt.event.ActionEvent evt) {

    String cargo = jTextFieldAlterarCargo.getText();

    String senha =
jPasswordFieldAlterarSenha.getPassword().toString();

    boolean sucesso;

    try{

        ControllerFuncionario cf = new ControllerFuncionario();

        sucesso = cf.alterarFuncionario(cargo, cargo, senha);

```

```
//sucesso = cf.alterarFuncionario(cargo, senha);

if(sucesso == true){

    JOptionPane.showMessageDialog(this, "Dados alterados com
sucesso!");

}else{

    JOptionPane.showMessageDialog(this, "Os campos não foram
preenchidos corretamente!");

}

}

catch(Exception e){

    JOptionPane.showMessageDialog(this,"Erro! " + e);

}

}
```

```
// Variables declaration - do not modify

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2Salvar;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel5;
```

```
private javax.swing.JLabel jLabel6;  
  
private javax.swing.JPanel jPanel1;  
  
private javax.swing.JPasswordField jPasswordFieldAlterarSenha;  
  
private javax.swing.JTextField jTextFieldAlterarCargo;  
  
// End of variables declaration  
}
```

TelaTelefone:



Código da classe:

```
/*  
 * To change this license header, choose License Headers in Project  
Properties.  
 * To change this template file, choose Tools | Templates  
 * and open the template in the editor.  
 */  
package view;  
  
import controller.ControllerTelefone;  
import javax.swing.JOptionPane;  
  
/**  
 *  
 * @author lucas
```

```
*/
```

```
public class TelaTelefone extends javax.swing.JInternalFrame {
```

```
/**
```

```
 * Creates new form TelaTelefone
```

```
*/
```

```
public TelaTelefone() {
```

```
    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() {
```

```
    jPanel1 = new javax.swing.JPanel();
```

```
    jLabel1 = new javax.swing.JLabel();
```

```
jFormattedTextFieldTelefone = new
javax.swing.JFormattedTextField();

jButtonSalvar = new javax.swing.JButton();

jLabel2 = new javax.swing.JLabel();

setClosable(true);

jLabel1.setText("Telefone");

try {

    jFormattedTextFieldTelefone.setFormatterFactory(new
    javax.swing.text.DefaultFormatterFactory(new
    javax.swing.text.MaskFormatter("#####-####"));

    } catch (java.text.ParseException ex) {

        ex.printStackTrace();

    }

jButtonSalvar.setText("Salvar");

jButtonSalvar.addActionListener(new java.awt.event.ActionListener()
{

    public void actionPerformed(java.awt.event.ActionEvent evt) {

        jButtonSalvarActionPerformed(evt);

    }

});
```



```

        javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);

        jPanel1.setLayout(jPanel1Layout);

        jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addGroup(jPanel1Layout.createSequentialGroup()

            .addGap(62, 62, 62)

            .addComponent(jLabel1)

            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

            .addComponent(jFormattedTextFieldTelefone,
javax.swing.GroupLayout.PREFERRED_SIZE, 153,
javax.swing.GroupLayout.PREFERRED_SIZE)

            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

            .addComponent(jButtonSalvar)

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

        );

        jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addGroup(jPanel1Layout.createSequentialGroup()

            .addContainerGap()

            .addComponent(jFormattedTextFieldTelefone,
javax.swing.GroupLayout.PREFERRED_SIZE, 153,
javax.swing.GroupLayout.PREFERRED_SIZE)

            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

            .addComponent(jButtonSalvar)

            .addContainerGap())

        );
    }

    /**
     * The main method of the application.
     */
    public static void main(String[] args) {
        // Create the application window
        JFrame frame = new JFrame("Formulario de Cadastro");
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        frame.add(jPanel1);
        frame.pack();
        frame.setVisible(true);
    }
}

```

```

        .addGap(98, 98, 98)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

            .addComponent(jLabel1)

            .addComponent(jFormattedTextFieldTelefone,
                javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE,
                javax.swing.GroupLayout.PREFERRED_SIZE)

            .addComponent(jButtonSalvar))

        .addContainerGap(59, Short.MAX_VALUE))

    );

    jLabel2.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
    jLabel2.setText("Adicionar Telefone");

    javax.swing.GroupLayout layout = new
    javax.swing.GroupLayout(getContentPane());

    getContentPane().setLayout(layout);

    layout.setHorizontalGroup(

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

            .addGroup(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

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

```

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

        .addComponent(jLabel2)

        .addGap(100, 100, 100))

);

layout.setVerticalGroup(

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

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

        .addContainerGap(18, Short.MAX_VALUE)

        .addComponent(jLabel2)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELA
TED)

        .addComponent(jPanel1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addContainerGap())

);

pack();

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

```
private void jButtonSalvarActionPerformed(java.awt.event.ActionEvent
evt) {

    String numero = jTextFieldTelefone.getText().toString();

    boolean sucesso;

    try{

        ControllerTelefone ct = new ControllerTelefone();

        sucesso = ct.listarTelefone(numero);

        if(sucesso = true){

            JOptionPane.showMessageDialog(this, "Telefone registrado com
sucesso!");

        } else {

            JOptionPane.showMessageDialog(this, "O campo não foi
preenchido corretamente!");

        }

    }

    catch(Exception e){

        JOptionPane.showMessageDialog(this, "Erro: " + e);

    }

}
```

```
// Variables declaration - do not modify

private javax.swing.JButton jButtonSalvar;

private javax.swing.JFormattedTextField jFormattedTextFieldTelefone;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

public static javax.swing.JPanel jPanel1;

// End of variables declaration
}
```

4.2.2. **Classes da camada Controller**

Aluno: package controller;

import dao.AlunoDAO;

import dao.ExceptionDAO;

import java.text.ParseException;

import model.Aluno;

import model.Endereco;

public class ControllerAluno {

public boolean matricularAluno(String nome, String matricula, String dtNascimento, String sexo, String tipoDeficiencia, String rua, String bairro, String cidade) throws ExceptionDAO, ParseException {

if(nome != null && nome.length() > 0 && matricula != null && matricula.length() > 0 && sexo != null && sexo.length() > 0 && tipoDeficiencia != null && tipoDeficiencia.length() > 0 && rua != null && rua.length() > 0 && bairro != null && bairro.length() > 0 && cidade != null && cidade.length() > 0) {

//converter data para formato americano

String dia = dtNascimento.substring(0, 2);

String mes = dtNascimento.substring(3,5);

String ano = dtNascimento.substring(6);

String data = ano+"-"+mes+"-"+dia;

```
Aluno aluno = new Aluno();  
  
//Endereco endereco = new Endereco(rua, bairro, cidade);  
  
Endereco endereco = new Endereco(rua, bairro, cidade);  
  
aluno.setNomeCompleto(nome);  
  
aluno.setMatricula(matricula);  
  
aluno.setDtNascimento(data);  
  
aluno.setSexo(sexo);
```

```
aluno.setTipoDeficiencia(tipoDeficiencia);
```

```
AlunoDAO dao = new AlunoDAO();  
  
dao.matricularAluno(aluno, endereco);
```

```
return true;  
  
}  
  
return false;  
  
}
```

```
public boolean removerAluno(String nomeCompleto, String matricula, String  
dtNascimento, String sexo, String tipoDeficiencia, String rua, String bairro, String cidade){
```

```
if(nomeCompleto != null && nomeCompleto.length() > 0 && matricula !=  
null && matricula.length() > 0 && dtNascimento != null && dtNascimento.length() > 0 &&
```

```
sexo != null && sexo.length() > 0 && tipoDeficiencia != null && tipoDeficiencia.length() > 0  
&& rua != null && rua.length() > 0 && bairro != null && bairro.length() > 0 && cidade !=  
null && cidade.length() > 0){
```

```
    Aluno alu = new Aluno();
```

```
    alu.removerAluno(alu);
```

```
    return true;
```

```
}
```

```
    return false;
```

```
}
```

```
    public boolean listarAluno(String nomeCompleto, String matricula, String  
dtNascimento, String sexo, String tipoDeficiencia, String rua, String bairro, String cidade){
```

```
        if(nomeCompleto != null && nomeCompleto.length() > 0 && matricula !=  
null && matricula.length() > 0 && dtNascimento != null && dtNascimento.length() > 0 &&  
sexo != null && sexo.length() > 0 && tipoDeficiencia != null && tipoDeficiencia.length() > 0  
&& rua != null && rua.length() > 0 && bairro != null && bairro.length() > 0 && cidade !=  
null && cidade.length() > 0){
```

```
            Aluno alu = new Aluno();
```

```
            alu.listarAluno(alu);
```

```
            return true;
```

```
        }
```

```
        return false;
```

```
    }
```

```
}
```


Creche: package controller;

import model.Creche;

import model.Endereco;

/**

*

* @author lucas

*/

public class ControllerCreche {

public boolean listarCreche(String nome, String razaoSocial, String cnpj,
String status, String rua, String bairro, String cidade, String uf, int matricula){

if(nome != null && nome.length() > 0 && razaoSocial != null &&
razaoSocial.length() > 0 && cnpj != null && cnpj.length() > 0 && status != null &&
status.length() > 0 && rua != null && rua.length() > 0 && bairro != null && bairro.length()
> 0 && cidade != null && cidade.length() > 0 && uf != null && uf.length() > 0 && matricula
> 0){

Endereco endereco = new Endereco();

Creche creche = new Creche();

creche.listarCreche(creche);

return true;

}

return false;

}

}

Funcionário

```
package controller;
```

```
import dao.ExceptionDAO;
```

```
import java.sql.SQLException;
```

```
import model.Funcionario;
```

```
public class ControllerFuncionario {
```

```
    public boolean cadastrarFuncionario(String nome, String  
codFuncionario, String cargo, String cnpj, String senha) throws  
ExceptionDAO{
```

```
        if(nome != null && nome.length() > 0 && codFuncionario  
!= null && codFuncionario.length() > 0 && cargo != null &&  
cargo.length() > 0 && cnpj != null && cnpj.length() > 0 && senha !=  
null && senha.length() > 0){
```

```
            Funcionario fun = new Funcionario(nome,  
codFuncionario, cargo, cnpj, senha);
```

```
            fun.cadastrarFuncionario(fun);
```

```
            return true;
```

```
        }
```

```
return false;
```

```
}
```

```
public boolean alterarFuncionario(String codFuncionario,  
String cargo, String senha) throws ExceptionDAO, SQLException{
```

```
    if(codFuncionario != null && codFuncionario.length() > 0  
&& cargo != null && cargo.length() > 0 && cargo.length() > 0 && senha  
!= null && senha.length() > 0 ){
```

```
        Funcionario fun = new Funcionario();
```

```
        fun.alterarFuncionario(fun);
```

```
        return true;
```

```
    }
```

```
return false;
```

```
}
```

```
public boolean removerFuncionario(String nome, String  
codFuncionario, String cargo, String cnpj, String senha) throws  
SQLException{
```

```
    if(nome != null && nome.length() > 0 && codFuncionario  
!= null && codFuncionario.length() > 0 && cargo != null &&  
cargo.length() > 0 && cnpj != null && cnpj.length() > 0 && senha !=  
null && senha.length() > 0){
```

```

        Funcionario fun = new Funcionario();

        fun.removerFuncionario(fun);

        return true;
    }

    return false;
}

```

```

    public boolean listarFuncionario(String nome, String
codFuncionario, String cargo, String cnpj, String senha) throws
SQLException {

```

```

        if(nome != null && nome.length() > 0 && codFuncionario
!= null && codFuncionario.length() > 0 && cargo != null &&
cargo.length() > 0 && cnpj != null && cnpj.length() > 0 && senha !=
null && senha.length() > 0){

```

```

        Funcionario fun = new Funcionario();

        fun.listarFuncionario(fun);

        return true;
    }

    return false;
}

}

```

Responsável: package controller;

```
import dao.ExceptionDAO;
```

```
import dao.ResponsavelDAO;
```

```
import java.util.ArrayList;
```

```
import model.Creche;
```

```
import model.Endereco;
```

```
import model.Responsavel;
```

```
public class ControllerResponsavel {
```

```
    public boolean cadastrarResponsavel(String nomeCompleto, String cpf,
String email,String senha, String rua, String bairro, String cidade, String uf) throws
ExceptionDAO{
```

```
        if(nomeCompleto != null && nomeCompleto.length() > 0 && cpf != null
&& cpf.length() > 0 && email != null && email.length() > 0 && senha != null &&
senha.length() > 0 && rua != null && rua.length() > 0 && bairro != null && bairro.length()
> 0 && cidade != null && cidade.length() > 0 && uf != null && uf.length() > 0){
```

```
            Endereco endereco = new Endereco(rua, bairro, cidade, uf);
```

```
            Responsavel resp = new Responsavel(nomeCompleto, cpf, email,
endereco, senha);
```

```
            //resp.cadastrarResponsavel(resp);
```

```
            ResponsavelDAO rd = new ResponsavelDAO();
```

```
        rd.cadastrarResponsavel(resp);

        return true;
    }
}
```

```
        return false;
    }
}
```

```
        public boolean alterarResponsavel(String email, String senha, String cpf)
        throws ExceptionDAO{
```

```
            if(email != null && email.length() > 0 && senha != null && senha.length() >
            0 && cpf != null && cpf.length() > 0 ){
```

```
                Responsavel res = new Responsavel();

                res.setEmail(email);
```

```
                res.setSenha(senha);

                res.setCpf(cpf);

                res.alterarResponsavel(res);
```

```
                return true;
            }
}
```

```
        return false;
    }
}
```

```
        public boolean removerResponsavel(String nomeCompleto, String cpf, String
        email, String senha, String rua, String bairro, String cidade, String uf) throws
        ExceptionDAO{
```

```
        if(nomeCompleto != null && nomeCompleto.length() > 0 && cpf != null &&
        cpf.length() > 0 && email != null && cpf.length() > 0 && email != null && email.length() >
        0 && senha != null && senha.length() > 0 && rua != null && rua.length() > 0 && bairro !=
        null && bairro.length() > 0 && cidade != null && cidade.length() > 0){
```

```
            Responsavel responsavel = new Responsavel();

            responsavel.removerResponsavel(responsavel);

            return true;
        }

        return false;
    }
}
```

```
    public boolean listarResponsavel(String nomeCompleto, String cpf, String
    email, String senha, String rua, String bairro, String cidade, String uf) throws
    ExceptionDAO{
```

```
        if(nomeCompleto != null && nomeCompleto.length() > 0 && cpf != null &&
        cpf.length() > 0 && email != null && cpf.length() > 0 && email != null && email.length() >
        0 && senha != null && senha.length() > 0 && rua != null && rua.length() > 0 && bairro !=
        null && bairro.length() > 0 && cidade != null && cidade.length() > 0){
```

```
            Responsavel responsavel = new Responsavel();

            responsavel.listarResponsavel(responsavel);

            return true;
        }

        return false;
    }
}
```

Telefone: package controller;

import model.Telefone;

public class ControllerTelefone {

public boolean listarTelefone(String numero){

if(numero != null && numero.length() > 0){

Telefone tel = new Telefone(numero);

tel.listarTelefone(tel);

return true;

}

return false;

}

}

Login: package controller;

```
import dao.LoginDAO;
```

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

```
import model.Login;
```

```
import view.TelaPrincipal;
```

```
/**
```

```
 *
```

```
 * @author lucas
```

```
 */
```

```
public class ControllerLogin {
```

```
    public void cadastrarLogin(Login login){
```

```
        LoginDAO dao = new LoginDAO();
```

```
        dao.cadastrarLogin(login);
```

```
    }
```

```
    public void verificarLogin(Login login, Login login1){
```

```
        if(login.getUsuario().equals(login1.getUsuario()) &&  
login.getSenha().equals(login1.getSenha())){
```

```
            JOptionPane.showMessageDialog(null, "seja bem vindo " +  
login.getUsuario());
```

```
            TelaPrincipal telp = new TelaPrincipal();
```

```
            telp.setVisible(true);
```

```
            telp.setarLogin(login1);
```

```
        }else{
```

```
            JOptionPane.showMessageDialog(null, "Acesso Negado!");
```

}

}

}

4.2.3 Classes da camada Model

Apresentar a descrição do código da classe.

Aluno: package model;

```
import dao.AlunoDAO;
```

```
import dao.ExceptionDAO;
```

```
import java.time.LocalDate;
```

```
import java.util.Date;
```

```
public class Aluno {
```

```
    private String nomeCompleto;
```

```
    private String matricula;
```

```
    private String dtNascimento;
```

```
    private String sexo;
```

```
    private String tipoDeficiencia;
```

```
    private Endereco endereco;
```

```
    public Aluno(){
```

```
}
```

```
    public Aluno(String nomeCompleto, String matricula, String dtNascimento, String  
    sexo, String tipoDeficiencia, Endereco endereco) {
```

```
        this.nomeCompleto = nomeCompleto;
```

```
this.matricula = matricula;  
  
this.dtNascimento = dtNascimento;  
  
this.sexo = sexo;  
  
this.tipoDeficiencia = tipoDeficiencia;  
  
this.endereco = endereco;  
  
}
```

```
public String getNomeCompleto() {  
    return nomeCompleto;  
}
```

```
public void setNomeCompleto(String nomeCompleto) {  
    this.nomeCompleto = nomeCompleto;  
}
```

```
public String getMatricula() {  
    return matricula;  
}
```

```
public void setMatricula(String matricula) {  
    this.matricula = matricula;  
}
```

```
public String getDtNascimento() {  
    return dtNascimento;  
}
```

```
}
```

```
public void setDtNascimento(String dtNascimento) {
```

```
    this.dtNascimento = dtNascimento;
```

```
}
```

```
public String getSexo() {
```

```
    return sexo;
```

```
}
```

```
public void setSexo(String sexo) {
```

```
    this.sexo = sexo;
```

```
}
```

```
public String getTipoDeficiencia() {
```

```
    return tipoDeficiencia;
```

```
}
```

```
public void setTipoDeficiencia(String tipoDeficiencia) {
```

```
    this.tipoDeficiencia = tipoDeficiencia;
```

```
}
```

```
public Endereco getEndereco() {
```

```
    return endereco;
```

```
}
```

```
public void setEndereco(Endereco endereco) {  
    this.endereco = endereco;  
}
```

```
public void matricularAluno(Aluno aluno) throws ExceptionDAO{  
    //new AlunoDAO().matricularAluno(aluno);
```

```
// public void alterarAluno(Aluno aluno) throws ExceptionDAO{  
//     //new AlunoDAO().alterarAluno(aluno);  
// }
```

```
}
```

```
public void removerAluno(Aluno aluno){
```

```
}
```

```
public void listarAluno(Aluno aluno){
```

```
}
```

```
}
```

Creche: package model;

```
import java.util.ArrayList;
```

```
public class Creche {
```

```
    private String nome;
```

```
    private String razaoSocial;
```

```
    private String cnpj;
```

```
    private String status;
```

```
    private Endereco endereco;
```

```
    private ArrayList <Telefone> telefone = new ArrayList <Telefone>();
```

```
    private int matricula;
```

```
    private ArrayList <Aluno> aluno = new ArrayList <Aluno>();
```

```
    private ArrayList <Responsavel> responsavel = new ArrayList <Responsavel>();
```

```
    public Creche(){
```

```
    }
```

```
    public Creche(String nome, String razaoSocial, String cnpj, String status, Endereco  
endereco, int matricula) {
```

```
        this.nome = nome;
```

```
        this.razaoSocial = razaoSocial;
```

```
this.cnpj = cnpj;

this.status = status;

this.endereco = endereco;

this.matricula = matricula;
}


public String getNome() {

    return nome;
}


public void setNome(String nome) {

    this.nome = nome;
}


public String getRazaoSocial() {

    return razaoSocial;
}


public void setRazaoSocial(String razaoSocial) {

    this.razaoSocial = razaoSocial;
}


public String getCnpj() {

    return cnpj;
}
```



```
public void setCnpj(String cnpj) {  
    this.cnpj = cnpj;  
}
```

```
public String getStatus() {  
    return status;  
}
```

```
public void setStatus(String status) {  
    this.status = status;  
}
```

```
public Endereco getEndereco() {  
    return endereco;  
}
```

```
public void setEndereco(Endereco endereco) {  
    this.endereco = endereco;  
}
```

```
public ArrayList<Telefone> getTelefone() {  
    return telefone;  
}
```

```
public void setTelefone(ArrayList<Telefone> telefone) {  
    this.telefone = telefone;  
}
```

```
}
```

```
public int getMatricula() {
```

```
    return matricula;
```

```
}
```

```
public void setMatricula(int matricula) {
```

```
    this.matricula = matricula;
```

```
}
```

```
public ArrayList<Aluno> getAluno() {
```

```
    return aluno;
```

```
}
```

```
public void setAluno(ArrayList<Aluno> aluno) {
```

```
    this.aluno = aluno;
```

```
}
```

```
public ArrayList<Responsavel> getResponsavel() {
```

```
    return responsavel;
```

```
}
```

```
public void setResponsavel(ArrayList<Responsavel> responsavel) {
```

```
    this.responsavel = responsavel;
```

```
}
```

```
public void listarCreche(Creche creche){
```

```
}
```

```
}
```

Endereco: package model;

```
/**
```

```
*
```

```
* @author lucas
```

```
*/
```

```
public class Endereco {
```

```
    String rua;
```

```
    String bairro;
```

```
    String cidade;
```

```
    String uf;
```

```
    public Endereco(){}
```

```
    public String getRua() {
```

```
        return rua;
```

```
    }
```

```
    public void setRua(String rua) {
```

```
        this.rua = rua;
```

```
    }
```

```
    public String getBairro() {
```

```
        return bairro;
```

```
    }
```

```
public void setBairro(String bairro) {  
    this.bairro = bairro;  
}
```

```
public String getCidade() {  
    return cidade;  
}
```

```
public void setCidade(String cidade) {  
    this.cidade = cidade;  
}
```

```
public String getUf() {  
    return uf;  
}
```

```
public void setUf(String uf) {  
    this.uf = uf;  
}
```

```
public Endereco(String rua, String bairro, String cidade, String uf) {  
    this.rua = rua;  
    this.bairro = bairro;  
    this.cidade = cidade;  
    this.uf = uf;  
}
```

```
public Endereco(String rua, String bairro, String cidade) {  
  
    this.rua = rua;  
  
    this.bairro = bairro;  
  
    this.cidade = cidade;  
  
}  
  
}
```

Funcionario: package model;

```
import dao.ExceptionDAO;
```

```
import dao.FuncionarioDAO;
```

```
import java.sql.SQLException;
```

```
import java.util.ArrayList;
```

```
public class Funcionario {
```

```
    private String nome;
```

```
    private String codigoFuncionario;
```

```
    private String cargo;
```

```
    private String cnpj;
```

```
    private ArrayList <Responsavel> responsavel = new ArrayList();
```

```
    private String senha;
```

```
    public Funcionario(){
```

```
    }
```

```
    public Funcionario(String nome, String codigoFuncionario, String cargo, String cnpj,  
String senha) {
```

```
        this.nome = nome;
```

```
        this.codigoFuncionario = codigoFuncionario;
```

```
        this.cargo = cargo;
```

```
        this.cnpj = cnpj;
```

```
        this.senha = senha;
```

```
    }
```

```
public String getNome() {  
    return nome;  
}
```

```
public void setNome(String nome) {  
    this.nome = nome;  
}
```

```
public String getCodigoFuncionario() {  
    return codigoFuncionario;  
}
```

```
public void setCodigoFuncionario(String codigoFuncionario) {  
    this.codigoFuncionario = codigoFuncionario;  
}
```

```
public String getCargo() {  
    return cargo;  
}
```

```
public void setCargo(String cargo) {  
    this.cargo = cargo;  
}
```



```
public String getCnpj() {  
    return cnpj;  
}
```

```
public void setCnpj(String cnpj) {  
    this.cnpj = cnpj;  
}
```

```
public ArrayList<Responsavel> getResponsavel() {  
    return responsavel;  
}
```

```
public void setResponsavel(ArrayList<Responsavel> responsavel) {  
    this.responsavel = responsavel;  
}
```

```
public String getSenha() {  
    return senha;  
}
```

```
public void setSenha(String senha) {  
    this.senha = senha;  
}
```

```
public void cadastrarFuncionario(Funcionario funcionario) throws ExceptionDAO {  
    new FuncionarioDAO().cadastrarFuncionario(funcionario);  
}
```

```
}
```

```
    public void alterarFuncionario(Funcionario funcionario) throws ExceptionDAO,  
SQLException{
```

```
        new FuncionarioDAO().alterarFuncionario(funcionario);
```

```
}
```

```
public void removerFuncionario(Funcionario funcionario) throws SQLException{
```

```
    new FuncionarioDAO().removerFuncionario(funcionario);
```

```
}
```

```
public void listarFuncionario(Funcionario funcionario) {}
```

```
}
```

Responsavel: package model;

import dao.ExceptionDAO;

import dao.ResponsavelDAO;

import java.util.ArrayList;

public class Responsavel {

private String nomeCompleto;

private String cpf;

private String email;

private ArrayList <Telefone> telefone = new ArrayList <Telefone>();

private ArrayList <Funcionario> funcionario = new ArrayList <Funcionario>();

private ArrayList <Creche> creche = new ArrayList <Creche>();

private Endereco endereco;

private String senha;

public Responsavel() {

}

public Responsavel(String nomeCompleto, String cpf, String email, Endereco endereco, String senha) {

this.nomeCompleto = nomeCompleto;

this.cpf = cpf;

this.email = email;

this.endereco = endereco;

```
        this.senha = senha;
    }
}
```

```
public String getNomeCompleto() {
    return nomeCompleto;
}
```

```
public void setNomeCompleto(String nomeCompleto) {
    this.nomeCompleto = nomeCompleto;
}
```

```
public String getCpf() {
    return cpf;
}
```

```
public void setCpf(String cpf) {
    this.cpf = cpf;
}
```

```
public String getEmail() {
    return email;
}
```

```
public void setEmail(String email) {
    this.email = email;
}
```

```
public ArrayList<Telefone> getTelefone() {  
    return telefone;  
}
```

```
public void setTelefone(ArrayList<Telefone> telefone) {  
    this.telefone = telefone;  
}
```

```
public ArrayList<Funcionario> getFuncionario() {  
    return funcionario;  
}
```

```
public void setFuncionario(ArrayList<Funcionario> funcionario) {  
    this.funcionario = funcionario;  
}
```

```
public ArrayList<Creche> getCreche() {  
    return creche;  
}
```

```
public void setCreche(ArrayList<Creche> creche) {  
    this.creche = creche;  
}
```

```
public String getSenha() {  
    return senha;  
}
```

```
public void setSenha(String senha) {  
    this.senha = senha;  
}
```

```
public Endereco getEndereco() {  
    return endereco;  
}
```

```
public void setEndereco(Endereco endereco) {  
    this.endereco = endereco;  
}
```

```
public void cadastrarResponsavel(Responsavel responsavel) throws ExceptionDAO{  
    new ResponsavelDAO().cadastrarResponsavel(responsavel);  
}
```

```
public void alterarResponsavel(Responsavel responsavel) throws ExceptionDAO {  
    new ResponsavelDAO().alterarResponsavel(responsavel);  
}
```

```
public void removerResponsavel(Responsavel responsavel) throws ExceptionDAO{  
    new ResponsavelDAO().removerResponsavel(responsavel);  
}
```

```
public void listarResponsavel(Responsavel responsavel){
```

}

}

Telefone: package model;

```
public class Telefone {
```

```
    private String numero;
```

```
    public Telefone(){
```

```
    }
```

```
    public Telefone(String numero) {
```

```
        this.numero = numero;
```

```
    }
```

```
    public String getNumero() {
```

```
        return numero;
```

```
    }
```

```
    public void setNumero(String numero) {
```

```
        this.numero = numero;
```

```
    }
```

```
    public void listarTelefone(Telefone telefone){
```

```
    }
```


Login: package model;

```
public class Login {
```

```
    private String usuario;
```

```
    private String senha;
```

```
    private String cpf;
```

```
    public String getCpf() {
```

```
        return cpf;
```

```
    }
```

```
    public void setCpf(String cpf) {
```

```
        this.cpf = cpf;
```

```
    }
```

```
    public String getUsuario() {
```

```
        return usuario;
```

```
    }
```

```
    public void setUsuario(String usuario) {
```

```
        this.usuario = usuario;
```

```
    }
```

```
public String getSenha() {
```

```
    return senha;
```

```
}
```

```
public void setSenha(String senha) {
```

```
    this.senha = senha;
```

```
}
```

```
}
```

AlunoDAO: /*

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*/

package dao;

/**

*

* @author lucas

*/

import java.sql.Connection;

import java.sql.Date;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.time.LocalDate;

import java.util.ArrayList;

import javax.swing.JOptionPane;

import model.Aluno;

import model.Endereco;

public class AlunoDAO {

public void matricularAluno(Aluno aluno, Endereco endereco) throws ExceptionDAO{

String sql = "insert into aluno (nome_completo, matricula, dt_nascimento, sexo, rua, bairro, cidade, tipo_deficiencia) values (?, ?, ?, ?, ?, ?, ?, ?)";

```
PreparedStatement pStatement = null;

Connection connection = null;

try{

    connection = new ConnectionMVC().getConnection();

    pStatement = connection.prepareStatement(sql);

    pStatement.setString(1, aluno.getNomeCompleto());

    pStatement.setString(2, aluno.getMatricula());

    pStatement.setString(3, aluno.getDtnascimento() );

    pStatement.setString(4, aluno.getSexo());

    pStatement.setString(5, endereco.getRua());

    pStatement.setString(6, endereco.getBairro());

    pStatement.setString(7, endereco.getCidade());

    pStatement.setString(8, aluno.getTipoDeficiencia());


    pStatement.execute();

} catch(SQLException e){

    throw new ExceptionDAO("Erro ao cadastrar aluno! " + e);

} finally {

}

} try {

    if(pStatement != null) {pStatement.close();}

} catch(SQLException e){
```

```
throw new ExceptionDAO("Erro ao fechar o Statement! " + e);
```

```
    } try {  
        if (connection != null) {connection.close();}  
    } catch(SQLException e) {  
        throw new ExceptionDAO("Erro ao fechar a conexão! " + e);  
    }  
}
```

```
public void removerAluno(Aluno aluno) throws SQLException{
```

```
    Connection connection = null;
```

```
    PreparedStatement pStatement = null;
```

```
    try {
```

```
        pStatement = connection.prepareStatement("delete from aluno where  
nome_completo = ? and matricula = ? ");
```

```
        pStatement.setString(1, aluno.getNomeCompleto());
```

```
        pStatement.setString(2, aluno.getMatricula());
```

```
        pStatement.executeUpdate();
```

```
        JOptionPane.showMessageDialog(null, "Removido com sucesso.", "Sucesso",  
JOptionPane.INFORMATION_MESSAGE);
```

```

    } catch(SQLException e){

        JOptionPane.showMessageDialog(null, "Erro ao remover." + e, "Erro",
JOptionPane.INFORMATION_MESSAGE);

    } finally {

        try {

            if(pStatement != null) {pStatement.close();}

        } catch(SQLException e){

            JOptionPane.showMessageDialog(null, "Erro ao fechar o Statement: " + e, "Erro",
JOptionPane.INFORMATION_MESSAGE);

        } try {

            if(connection != null) {connection.close();}

        } catch(SQLException e){

            JOptionPane.showMessageDialog(null, "Erro ao fechar a conexão: " + e, "Erro",
JOptionPane.INFORMATION_MESSAGE);

        }

    }

}

```

```
public ArrayList<Aluno> listarAluno(Aluno aluno) throws SQLException, ExceptionDAO{
```

```
    ArrayList<Aluno> alunos = new ArrayList<Aluno>();
```

```
    Connection connection = null;
```

```
    PreparedStatement pStatement = null;
```

```
    ResultSet rs = null;
```

```
    try{
```

```
        connection = new ConnectionMVC().getConnection();
```

```
        pStatement = connection.prepareStatement("SELECT nome_completo, matricula,  
dt_nascimento, sexo, rua, bairro, cidade, tipo_deficiencia FROM aluno WHERE  
nome_completo = '"+ aluno.getNomeCompleto()+"'"
```

```
        + " AND matricula = '"+aluno.getMatricula()+"' ");
```

```
        rs = pStatement.executeQuery();
```

```
        while(rs.next()){
```

```
            Aluno aluno1 = new Aluno();
```

```
            Endereco end = new Endereco();
```

```
            aluno1.setEndereco(end);
```

```
            aluno.setNomeCompleto(rs.getString("nome_completo"));
```



```

        aluno.setMatricula(rs.getString("matricula"));

        aluno.setDtNascimento(rs.getString("dt_nascimento"));

        aluno.setSexo(rs.getString("sexo"));

        end.setRua(rs.getString("rua"));

        end.setBairro(rs.getString("bairro"));

        end.setCidade(rs.getString("cidade"));

        aluno.setTipoDeficiencia(rs.getString("tipo_deficiencia"));


        aluno.setEndereco(end);

        alunos.add(aluno);

    }

} catch(SQLException e){

    throw new ExceptionDAO("Erro ao listar dados: " + e);

    //Logger.getLogger(ResponsavelDAO.class.getName()).log(Level.SEVERE, null, ex);

} finally {

    connection.close();

}

return alunos;

}

```


FuncionarioDAO: package dao;

/**

*

* @author lucas

*/

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.util.ArrayList;

import java.util.List;

import javax.swing.JOptionPane;

import model.Funcionario;

import model.Creche;

public class FuncionarioDAO {

public void cadastrarFuncionario(Funcionario funcionario) throws ExceptionDAO{

String sql = "insert into funcionario (nome, codigo_funcionario, senha, cargo, cnpj)
value (?, ?, ?, ?, ?)";

PreparedStatement pStatement = null;

Connection connection = null;

try{

connection = new ConnectionMVC().getConnection();

```
pStatement = connection.prepareStatement(sql);

pStatement.setString(1, funcionario.getNome());

pStatement.setString(2, funcionario.getCodigoFuncionario());

pStatement.setString(3, funcionario.getSenha());

pStatement.setString(4, funcionario.getCargo());

pStatement.setString(5, funcionario.getCnpj());
```

```
pStatement.execute();
```

```
}catch(SQLException e){

    throw new ExceptionDAO("Erro ao cadastrar funcionário! " + e);

} finally {
```

```
try{

    if(pStatement != null) {pStatement.close();}

}catch(SQLException e) {

    throw new ExceptionDAO("Erro ao fechar o Statement! " + e);
```

```
} try {

    if(connection != null) {connection.close();}

}catch(SQLException e){

    throw new ExceptionDAO("Erro ao fechar a conexão! " + e);

}
```

```
}  
}
```

```
public void alterarFuncionario(Funcionario funcionario) throws ExceptionDAO,  
SQLException{
```

```
String sql = "update funcionario set cargo = ?, senha = ? where codigo_funcionario =  
?";
```

```
PreparedStatement pStatement = null;
```

```
Connection connection = null;
```

```
try {
```

```
    connection = new ConnectionMVC().getConnection();
```

```
    pStatement = connection.prepareStatement(sql);
```

```
    pStatement.setString(1, funcionario.getCargo());
```

```
    pStatement.setString(2, funcionario.getSenha());
```

```
    pStatement.setString(3, funcionario.getCodigoFuncionario());
```

```
    pStatement.executeUpdate();
```

```
} catch(SQLException e){
```

```
    throw new ExceptionDAO("Erro ao alterar os dados do funcionario! " + e);
```

```
} finally {
```

```

try{

    if(pStatement != null) {pStatement.close();}

} catch(SQLException e){

    throw new ExceptionDAO("Erro ao fechar o Statement: " + e);

} try {

    if(connection != null) {connection.close();}

} catch(SQLException e){

    throw new ExceptionDAO("Erro ao fechar a conexão: " + e);

}

}

}

```

```

public void removerFuncionario(Funcionario funcionario) throws SQLException{

```

```

    Connection connection = null;

```

```

    PreparedStatement pStatement = null;

```

```

    try {

```

```

        pStatement = connection.prepareStatement("delete from funcionario set cargo = ?
where codigo_funcionario = ? ");

```

```

        pStatement.setString(1, funcionario.getCargo());

```

```

        pStatement.setString(2, funcionario.getCodigoFuncionario());

```

```

        pStatement.executeUpdate();

        JOptionPane.showMessageDialog(null, "Removido com sucesso.", "Sucesso",
JOptionPane.INFORMATION_MESSAGE);

    } catch(SQLException e){

        JOptionPane.showMessageDialog(null, "Erro ao remover." + e, "Erro",
JOptionPane.INFORMATION_MESSAGE);

    } finally {

        try {

            if(pStatement != null) {pStatement.close();}

        } catch(SQLException e){

            JOptionPane.showMessageDialog(null, "Erro ao fechar o Statement: " + e, "Erro",
JOptionPane.INFORMATION_MESSAGE);

        } try {

            if(connection != null) {connection.close();}

        } catch(SQLException e){

            JOptionPane.showMessageDialog(null, "Erro ao fechar a conexão: " + e, "Erro",
JOptionPane.INFORMATION_MESSAGE);

        }

    }

}

public ArrayList<Funcionario> listarFuncionario(Funcionario funcionario) throws
SQLException, ExceptionDAO{

```

```
ArrayList<Funcionario> funcionarios = new ArrayList<Funcionario>();
```

```
Connection connection = null;
```

```
PreparedStatement pStatement = null;
```

```
ResultSet rs = null;
```

```
try{
```

```
    connection = new ConnectionMVC().getConnection();
```

```
    pStatement = connection.prepareStatement("SELECT nome, codigo_funcionario,  
cargo, rua, cnpj FROM funcionario WHERE nome_completo = '"+ funcionario.getNome()+""
```

```
    + " AND codigo_funcionario = '"+funcionario.getCodigoFuncionario()+" " ");
```

```
    rs = pStatement.executeQuery();
```

```
    while(rs.next()){
```

```
        Funcionario funcionario1 = new Funcionario();
```

```
        funcionario.setNome(rs.getString("nome"));
```

```
        funcionario.setCodigoFuncionario(rs.getString("codigo_funcionario"));
```

```
        funcionario.setCargo(rs.getString("cargo"));
```

```
        funcionario.setCnpj(rs.getString("cnpj"));
```

```
        funcionarios.add(funcionario);
```



```
}
```

```
} catch(SQLException e){
```

```
    throw new ExceptionDAO("Erro ao listar dados: " + e);
```

```
    //Logger.getLogger(ResponsavelDAO.class.getName()).log(Level.SEVERE, null, ex);
```

```
} finally {
```

```
    connection.close();
```

```
}
```

```
    return funcionarios;
```

```
}
```

```
}
```

```
CrecheDAO: /*
```

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```
*/
```

```
package dao;
```

```
import java.sql.Connection;
```

```
import java.sql.PreparedStatement;
```

```
import java.sql.ResultSet;
```

```
import java.sql.SQLException;
```

```
import java.util.ArrayList;
```

```
import java.util.List;
```

```
import model.Creche;
```

```
import model.Endereco;
```

```
import model.Telefone;
```

```
/**
```

```
*
```

```
* @author lucas
```

```
*/
```

```
public class CrecheDAO {
```

```
public ArrayList<Creche> listarCreche(Creche creche) throws  
SQLException, ExceptionDAO{
```

```
    ArrayList<Creche> creches = new ArrayList<Creche>();
```

```
    Connection connection = null;
```

```
    PreparedStatement pStatement = null;
```

```
    ResultSet rs = null;
```

```
    try{
```

```
        connection = new ConnectionMVC().getConnection();
```

```
        pStatement = connection.prepareStatement("SELECT nome,  
        razao_social, cnpj, status, rua, bairro, cidade, uf FROM creche WHERE  
        nome = '"+ creche.getNome()+"'");
```

```
        rs = pStatement.executeQuery();
```

```
        while(rs.next()){
```

```
            Creche creche1 = new Creche();
```

```
            Endereco end = new Endereco();
```

```
Telefone telefone = new Telefone();  
creche.setEndereco(end);
```

```
creche.setNome(rs.getString("nome"));  
creche.setRazaoSocial(rs.getString("razao_social"));  
creche.setCnpj(rs.getString("cnpj"));  
creche.setStatus(rs.getString("status"));  
end.setRua(rs.getString("rua"));  
end.setBairro(rs.getString("bairro"));  
end.setCidade(rs.getString("cidade"));  
end.setUf(rs.getString("uf"));
```

```
creche.setEndereco(end);  
creches.add(creche);
```

```
}
```

```
} catch(SQLException e){
```

```
throw new ExceptionDAO("Erro ao listar dados: " + e);
```

```
//Logger.getLogger(ResponsavelDAO.class.getName()).log(Level.SEVERE,  
null, ex);
```

```
    } finally {
```

```
        connection.close();
```

```
    }
```

```
    return creches;
```

```
}
```

```
}
```

```
ConnectionMVC: package dao;
```

```
import java.sql.Connection;
```

```
import java.sql.DriverManager;
```

```
import java.sql.SQLException;
```

```
public class ConnectionMVC {
```

```
    public Connection getConnection(){
```

```
        Connection conn = null;
```

```
        try{
```

```
            conn =
```

```
DriverManager.getConnection("jdbc:mysql://localhost:3306/estudante_feliz?useSSL=false", "root", "");
```

```
        } catch(SQLException e){
```

```
            e.printStackTrace();
```

```
        }
```

```
        return conn;
```

```
    }
```

```
}
```

```
ExceptionDAO: /*
```

```
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```
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```

```
*/
```

```
package dao;
```

```
/**
```

```
 *
```

```
 * @author lucas
```

```
*/
```

```
public class ExceptionDAO extends Exception{
```

```
    public ExceptionDAO(String mensagem){
```

```
        super(mensagem);
```

}

}


```
LoginDAO: /*
```

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* and open the template in the editor.

```
*/
```

```
package dao;
```

```
import controller.ControllerLogin;
```

```
import java.sql.Connection;
```

```
import java.sql.PreparedStatement;
```

```
import java.sql.ResultSet;
```

```
import java.sql.SQLException;
```

```
import model.Funcionario;
```

```
import model.Login;
```

```
import model.Responsavel;
```

```
/**
```

```
 *
```

```
 * @author lucas
```

```
 */
```

```
public class LoginDAO {
```

```
    public void cadastrarLogin(Login login){
```

```

try(Connection conector= new ConnectionMVC().getConnection()){

    String sql = "SELECT nome_completo, senha, cpf, email FROM
    responsavel WHERE email = '"+login.getUsuario()+"' "
        + "AND senha = '"+login.getSenha()+"' ";

    PreparedStatement stm = conector.prepareStatement(sql);

    ResultSet rs = stm.executeQuery();

    Login login1 = new Login();

    Responsavel res = new Responsavel();

    Funcionario fun = new Funcionario();

    while(rs.next()){

        login1.setUsuario(rs.getString("email"));

        login1.setSenha(rs.getString("senha"));

        login1.setCpf(rs.getString("cpf"));

        res.setNomeCompleto(rs.getString("nome_completo"));

        res.setSenha(rs.getString("senha"));

        res.setCpf(rs.getString("cpf"));

        res.setEmail(rs.getString("email"));

    }

    if(login1.getUsuario().equals("")                                &&
    login1.getSenha().equals("")){

        String sql1 = "SELECT nome, senha, codigo_funcionario FROM
        funcionario WHERE codigo_funcionario = '"+login.getUsuario()+"' "

```

```

        + "AND senha = '"+login.getSenha()+"' ";
stm = conector.prepareStatement(sql1);
rs = stm.executeQuery();
while(rs.next()){
    login1.setUsuario(rs.getString("nome"));
    login1.setSenha(rs.getString("senha"));
    fun.setCodigoFuncionario("codigo_funcionario");
    fun.setSenha("senha");
    fun.setNome("nome");

}
}

```

```

ControllerLogin loginC = new ControllerLogin();
loginC.verificarLogin(login, login1);

```

```

}catch(SQLException e){
    throw new RuntimeException (e);
}
}
}

```

ResponsavelDAO:

```
/*
```

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```
*/
```

```
package dao;
```

```
/**
```

```
*
```

```
* @author lucas
```

```
*/
```

```
import java.sql.Connection;
```

```
import java.sql.PreparedStatement;
```

```
import java.sql.ResultSet;
```

```
import java.sql.SQLException;
```

```
import java.util.ArrayList;
```

```
import java.util.List;
```

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

```
import model.Endereco;
```

```
import model.Funcionario;
```

```
import model.Responsavel;
```

```

public class ResponsavelDAO {

    public void cadastrarResponsavel(Responsavel responsavel) throws
ExceptionDAO {

        String sql = "insert into responsavel (nome_completo, cpf, email,
        rua, senha, bairro, cidade, uf) value (?, ?, ?, ?, ?, ?,?,?)";

        PreparedStatement pStatement = null;

        Connection connection = null;

        try{

            connection = new ConnectionMVC().getConnection();

            pStatement = connection.prepareStatement(sql);

            pStatement.setString(1, responsavel.getNomeCompleto());

            pStatement.setString(2, responsavel.getCpf());

            pStatement.setString(3, responsavel.getEmail());

            pStatement.setString(4, responsavel.getEndereco().getRua());

            pStatement.setString(5, responsavel.getSenha());

            pStatement.setString(6, responsavel.getEndereco().getBairro());

            pStatement.setString(7, responsavel.getEndereco().getCidade());

            pStatement.setString(8, responsavel.getEndereco().getUf());

```

```
pStatement.execute();
```

```
}catch(SQLException e){
```

```
    throw new ExceptionDAO("Erro ao cadastrar responsável! " + e);
```

```
} finally {
```

```
    try {
```

```
        if(pStatement != null) {pStatement.close();}
```

```
    } catch(SQLException e){
```

```
        throw new ExceptionDAO("Erro ao fechar o Statement: " + e);
```

```
    } try {
```

```
        if(connection != null) {connection.close();}
```

```
    } catch(SQLException e) {
```

```
        throw new ExceptionDAO("Erro ao fechar a conexão: " + e);
```

```
    }
```

```
}
```

```
}
```

```
public void alterarResponsavel(Responsavel responsavel) throws  
ExceptionDAO{
```

```
Connection connection = null;

PreparedStatement pStatement = null;

String sql = "update responsavel set email = ?, senha = ? where cpf  
= ?";
```

```
try{

    connection = new ConnectionMVC().getConnection();

    pStatement = connection.prepareStatement(sql);

    pStatement.setString(1, responsavel.getEmail());

    pStatement.setString(2, responsavel.getSenha());

    pStatement.setString(3, responsavel.getCpf());


    pStatement.executeUpdate();

} catch (SQLException e) {

    throw new ExceptionDAO("Erro ao alterar os dados do  
responsável! " + e);
```

```

    } finally {

        try {
            if(pStatement != null) {pStatement.close();}
        } catch(SQLException e){
            throw new ExceptionDAO("Erro ao fechar o Statement: " + e);

        } try {
            if(connection != null) {connection.close();}
        } catch(SQLException e) {
            throw new ExceptionDAO("Erro ao fechar a conexão: " + e);
        }
    }
}

```

```

public void removerResponsavel(Responsavel responsavel) throws
ExceptionDAO{

```

```

    Connection connection = null;

```

```

    PreparedStatement pStatement = null;

```

```

    try {

```



```
pStatement = connection.prepareStatement("delete from  
responsavel where cpf = ? and email = ? ");
```

```
pStatement.setString(1, responsavel.getCpf());
```

```
pStatement.setString(2, responsavel.getEmail());
```

```
pStatement.executeUpdate();
```

```
JOptionPane.showMessageDialog(null, "Removido com  
sucesso.", "Sucesso", JOptionPane.INFORMATION_MESSAGE);
```

```
} catch (SQLException e) {
```

```
JOptionPane.showMessageDialog(null, "Erro ao remover." + e,  
"Erro", JOptionPane.INFORMATION_MESSAGE);
```

```
} finally {
```

```
try {
```

```
if(pStatement != null) {pStatement.close();}
```

```
} catch(SQLException e){
```

```
JOptionPane.showMessageDialog(null, "Erro ao fechar o  
Statement: " + e, "Erro", JOptionPane.INFORMATION_MESSAGE);
```

```

    } try {

        if(connection != null) {connection.close();}

    } catch(SQLException e) {

        JOptionPane.showMessageDialog(null, "Erro ao fechar a
        conexão: " + e, "Erro", JOptionPane.INFORMATION_MESSAGE);

    }

}

}

}

```

```

    public ArrayList<Responsavel> listarResponsavel(Responsavel
    responsavel) throws SQLException, ExceptionDAO{

```

```

        ArrayList<Responsavel> responsaveis = new
        ArrayList<Responsavel>();

```

```

        Connection connection = null;

```

```

        PreparedStatement pStatement = null;

```

```
ResultSet rs = null;
```

```
try{
```

```
    connection = new ConnectionMVC().getConnection();
```

```
    pStatement    =    connection.prepareStatement("SELECT  
nome_completo, cpf, email, rua,"
```

```
        + "bairro, cidade, uf FROM responsavel WHERE  
nome_completo = '"+ responsavel.getNomeCompleto()+""
```

```
        + " AND cpf = '"+responsavel.getCpf()+" ";
```

```
    rs = pStatement.executeQuery();
```

```
while(rs.next()){
```

```
    Responsavel responsavel1 = new Responsavel();
```

```
    Endereco end = new Endereco();
```

```
    responsavel1.setEndereco(end);
```

```
responsavel1.setNomeCompleto(rs.getString("nome_completo"));
```

```
responsavel1.setCpf(rs.getString("cpf"));
```

```
responsavel.setEmail(rs.getString("email"));
```

```
end.setRua(rs.getString("rua"));
```

```
end.setBairro(rs.getString("bairro"));
```

```
end.setCidade(rs.getString("cidade"));
```

```
end.setUf(rs.getString("uf"));
```

```
responsavel.setEndereco(end);
```

```
responsaveis.add(responsavel);
```

```
}
```

```
} catch(SQLException e){
```

```
    throw new ExceptionDAO("Erro ao listar dados: " + e);
```

```
//Logger.getLogger(ResponsavelDAO.class.getName()).log(Level.SEVERE,  
null, ex);
```

```
} finally {
```

```
connection.close();
```

```
}
```

```
return responsaveis;
```

```
}
```

```
}
```

TelefoneDAO: /*

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* and open the template in the editor.

*/

package dao;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.util.ArrayList;

import model.Telefone;

/**

*

* @author lucas

*/

public class TelefoneDAO {

public ArrayList<Telefone> listarTelefone(Telefone telefone) throws
SQLException, ExceptionDAO{

```
ArrayList<Telefone> telefones = new ArrayList<Telefone>();
```

```
Connection connection = null;
```

```
PreparedStatement pStatement = null;
```

```
ResultSet rs = null;
```

```
try{
```

```
    connection = new ConnectionMVC().getConnection();
```

```
    pStatement = connection.prepareStatement("SELECT * FROM  
telefone WHERE numero = '"+ telefone.getNumero()+"");
```

```
    rs = pStatement.executeQuery();
```

```
    while(rs.next()){
```

```
        Telefone telefone1 = new Telefone();
```

```
        telefone1.setNumero(rs.getString("telefone"));
```

```
        telefones.add(telefone);
```

```
    }
```

```
    } catch(SQLException e){

        throw new ExceptionDAO("Erro ao listar dados: " + e);

//Logger.getLogger(ResponsavelDAO.class.getName()).log(Level.SEVERE,
null, ex);

        } finally {

            connection.close();

        }

        return telefones;

    }

}
```