

Sybase PowerDesigner Object-Oriented Model Report

***Model: DiagramaEdescricaoClasse
Report:***



Author: Alyson
Version:
Date: 03/09/2013
Summary:

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The 'Table of Contents' field needs to be updated!

I Specifications

Insert specifications here...

II Model information

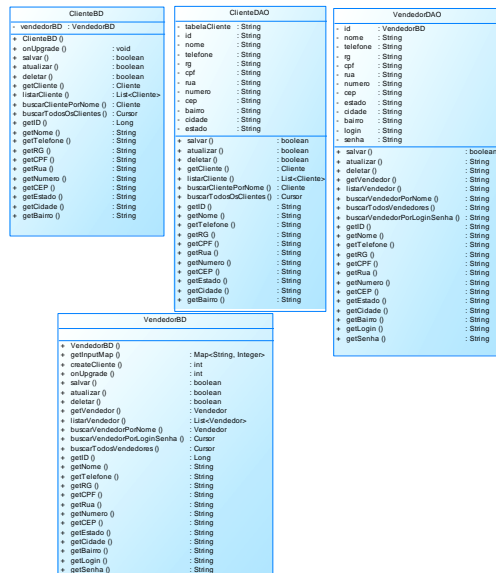
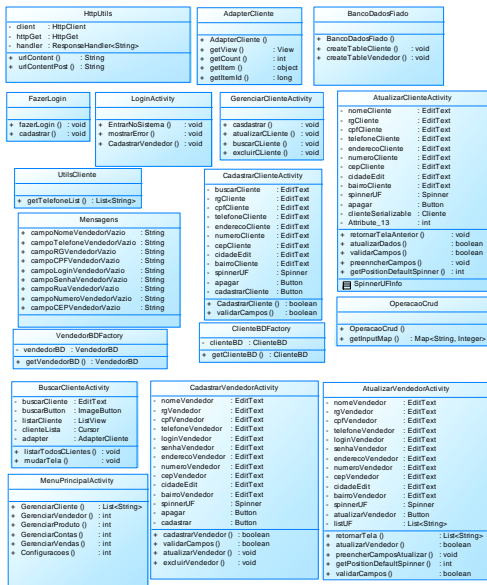
II.1 Card of the model DiagramaEdescricaoClasse

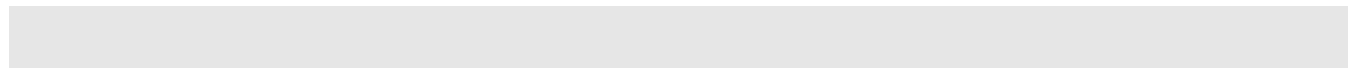
Name	DiagramaEdescricaoClasse
Code	DiagramaEdescricaoClasse
Comment	

III OOM Diagrams

III.1 Model level diagrams

III.1.1 Diagram ClassDiagram_1





IV Class diagrams objects

IV.1 Classes

IV.1.1 Model level classes

IV.1.1.1 Class list

Name	Code	Parent	Generate	Visibility	Abstract	Classifier Type
AdapterClient e	AdapterCliente	Object-Oriented Model 'DiagramaEdesc ricaoClasse'	TRUE	public	FALSE	Class
AtualizarClien teActivity	AtualizarClient eActivity	Object-Oriented Model 'DiagramaEdesc ricaoClasse'	TRUE	public	FALSE	Class
AtualizarVend edorActivity	AtualizarVende dorActivity	Object-Oriented Model 'DiagramaEdesc ricaoClasse'	TRUE	public	FALSE	Class
BancoDadosFi ado	BancoDadosFia do	Object-Oriented Model 'DiagramaEdesc ricaoClasse'	TRUE	public	FALSE	Class
BuscarCliente Activity	BuscarClienteA ctivity	Object-Oriented Model 'DiagramaEdesc ricaoClasse'	TRUE	public	FALSE	Class
CadastrarClien teActivity	CadastrarClient eActivity	Object-Oriented Model 'DiagramaEdesc ricaoClasse'	TRUE	public	FALSE	Class
CadastrarVend edorActivity	CadastrarVende dorActivity	Object-Oriented Model 'DiagramaEdesc ricaoClasse'	TRUE	public	FALSE	Class
ClienteBD	ClienteBD	Object-Oriented Model 'DiagramaEdesc ricaoClasse'	TRUE	public	FALSE	Class
ClienteBDFact ory	ClienteBDFacto ry	Object-Oriented Model 'DiagramaEdesc	TRUE	public	FALSE	Class

		ricaoClasse'				
ClienteDAO	ClienteDAO	Object-Oriented Model 'DiagramaEdescricaoClasse'	TRUE	public	FALSE	Class
FazerLogin	FazerLogin	Object-Oriented Model 'DiagramaEdescricaoClasse'	TRUE	public	FALSE	Class
GerenciarClienteActivity	GerenciarClienteActivity	Object-Oriented Model 'DiagramaEdescricaoClasse'	TRUE	public	FALSE	Class
HttpUtils	HttpUtils	Object-Oriented Model 'DiagramaEdescricaoClasse'	FALSE	public	FALSE	Class
LoginActivity	LoginActivity	Object-Oriented Model 'DiagramaEdescricaoClasse'	TRUE	public	FALSE	Class
Mensagens	Mensagens	Object-Oriented Model 'DiagramaEdescricaoClasse'	TRUE	public	FALSE	Class
MenuPrincipalActivity	MenuPrincipalActivity	Object-Oriented Model 'DiagramaEdescricaoClasse'	TRUE	public	FALSE	Class
OperacaoCrud	OperacaoCrud	Object-Oriented Model 'DiagramaEdescricaoClasse'	TRUE	public	FALSE	Class
UtilsCliente	UtilsCliente	Object-Oriented Model 'DiagramaEdescricaoClasse'	TRUE	public	FALSE	Class
VendedorBD	VendedorBD	Object-Oriented Model 'DiagramaEdescricaoClasse'	TRUE	public	FALSE	Class
VendedorBDFactory	VendedorBDFactory	Object-Oriented Model 'DiagramaEdescricaoClasse'	TRUE	public	FALSE	Class
VendedorDA	VendedorDAO	Object-Oriented	TRUE	public	FALSE	Class

O		Model 'DiagramaEdescricaoClasse'				
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IV.1.1.2 Class attribute list

Name	Code	Displayed	Domain	Data Type	Visibility	Initial Value	Classifier	Read-only
nomeCliente	nomeCliente	TRUE	<None>	EditText	private		AtualizarClienteActivity	FALSE
rgCliente	rgCliente	TRUE	<None>	EditText	private		AtualizarClienteActivity	FALSE
cpfCliente	cpfCliente	TRUE	<None>	EditText	private		AtualizarClienteActivity	FALSE
telefoneCliente	telefoneCliente	TRUE	<None>	EditText	private		AtualizarClienteActivity	FALSE
endereçoCliente	endereçoCliente	TRUE	<None>	EditText	private		AtualizarClienteActivity	FALSE
numeroCliente	numeroCliente	TRUE	<None>	EditText	private		AtualizarClienteActivity	FALSE
cepCliente	cepCliente	TRUE	<None>	EditText	private		AtualizarClienteActivity	FALSE
cidadeEdit	cidadeEdit	TRUE	<None>	EditText	private		AtualizarClienteActivity	FALSE
bairroCliente	bairroCliente	TRUE	<None>	EditText	private		AtualizarClienteActivity	FALSE
spinnerUF	spinnerUF	TRUE	<None>	Spinner	private		AtualizarClienteActivity	FALSE
apagar	apagar	TRUE	<None>	Button	private		AtualizarClienteActivity	FALSE
clienteSerializable	clienteSerializable	TRUE	<None>	Cliente	private		AtualizarClienteActivity	FALSE
Attribute_13	attribute13	TRUE	<None>	int	private		AtualizarClienteActivity	FALSE

							Activity	
buscar Cliente	buscarCl iente	TRUE	<None>	EditText	private		BuscarC lienteAc tivity	FALSE
buscar Button	buscarB utton	TRUE	<None>	ImageBu tton	private		BuscarC lienteAc tivity	FALSE
listarCl iente	listarCli ente	TRUE	<None>	ListView	private		BuscarC lienteAc tivity	FALSE
cliente Lista	clienteLi sta	TRUE	<None>	Cursor	private		BuscarC lienteAc tivity	FALSE
adapter	adapter	TRUE	<None>	Adapter Cliente	private		BuscarC lienteAc tivity	FALSE
buscar Cliente	buscarCl iente	TRUE	<None>	EditText	private		Cadast raCliente Activity	FALSE
rgClien te	rgClient e	TRUE	<None>	EditText	private		Cadast raCliente Activity	FALSE
cpfClien te	cpfClien te	TRUE	<None>	EditText	private		Cadast raCliente Activity	FALSE
telefon eClient e	telefone Cliente	TRUE	<None>	EditText	private		Cadast raCliente Activity	FALSE
enderec oClient e	enderec oCliente	TRUE	<None>	EditText	private		Cadast raCliente Activity	FALSE
numero Cliente	numero Cliente	TRUE	<None>	EditText	private		Cadast raCliente Activity	FALSE
cepClien te	cepClien te	TRUE	<None>	EditText	private		Cadast raCliente Activity	FALSE
cidade Edit	cidadeE dit	TRUE	<None>	EditText	private		Cadast raCliente Activity	FALSE
bairroC liente	bairroCl iente	TRUE	<None>	EditText	private		Cadast raCliente Activity	FALSE
spinner UF	spinner UF	TRUE	<None>	Spinner	private		Cadast raCliente Activity	FALSE

apagar	apagar	TRUE	<None>	Button	private		Cadastra rCliente Activity	FALSE
cadastra rClie nte	cadastra rCliente	TRUE	<None>	Button	private		Cadastra rCliente Activity	FALSE
client	client	TRUE	<None>	HttpClie nt	private		HttpUtil s	FALSE
httpGet	httpGet	TRUE	<None>	HttpGet	private		HttpUtil s	FALSE
handler	handler	TRUE	<None>	Respons eHandler <String>	private		HttpUtil s	FALSE
nomeV endedor	nomeVe ndedor	TRUE	<None>	EditText	private		Atualiza rVended orActivi ty	FALSE
rgVend edor	rgVende dor	TRUE	<None>	EditText	private		Atualiza rVended orActivi ty	FALSE
cpfVen dedor	cpfVend edor	TRUE	<None>	EditText	private		Atualiza rVended orActivi ty	FALSE
telefon eVende dor	telefone Vende dor	TRUE	<None>	EditText	private		Atualiza rVended orActivi ty	FALSE
loginV endedor	loginVe ndedor	TRUE	<None>	EditText	private		Atualiza rVended orActivi ty	FALSE
senhaV endedor	senhaVe ndedor	TRUE	<None>	EditText	private		Atualiza rVended orActivi ty	FALSE
enderec oVende dor	enderec oVende dor	TRUE	<None>	EditText	private		Atualiza rVended orActivi ty	FALSE
numero Vended or	numero Vended or	TRUE	<None>	EditText	private		Atualiza rVended orActivi ty	FALSE
cepVen	cepVend	TRUE	<None>	EditText	private		Atualiza	FALSE

dedor	edor						rVended orActivi ty	
cidade Edit	cidadeE dit	TRUE	<None>	EditText	private		Atualiza rVended orActivi ty	FALSE
bairroV endedor r	bairroVe ndedor	TRUE	<None>	EditText	private		Atualiza rVended orActivi ty	FALSE
spinner UF	spinner UF	TRUE	<None>	Spinner	private		Atualiza rVended orActivi ty	FALSE
atualiza rVende dor	atualizar Vended or	TRUE	<None>	Button	private		Atualiza rVended orActivi ty	FALSE
listUF	listUF	TRUE	<None>	List<Stri ng>	private		Atualiza rVended orActivi ty	FALSE
nomeV endedor r	nomeVe ndedor	TRUE	<None>	EditText	private		Cadast rVended orActivi ty	FALSE
rgVend edor	rgVende dor	TRUE	<None>	EditText	private		Cadast rVended orActivi ty	FALSE
cpfVen dedor	cpfVend edor	TRUE	<None>	EditText	private		Cadast rVended orActivi ty	FALSE
telefon eVende dor	telefone Vended or	TRUE	<None>	EditText	private		Cadast rVended orActivi ty	FALSE
loginV endedor r	loginVe ndedor	TRUE	<None>	EditText	private		Cadast rVended orActivi ty	FALSE
senhaV endedor r	senhaVe ndedor	TRUE	<None>	EditText	private		Cadast rVended orActivi	FALSE

							ty	
enderec oVende dor	enderec oVende dor	TRUE	<None>	EditText	private		Cadast rVended orActivi ty	FALSE
numero Vended or	numero Vended or	TRUE	<None>	EditText	private		Cadast rVended orActivi ty	FALSE
cepVen dedor	cepVend edor	TRUE	<None>	EditText	private		Cadast rVended orActivi ty	FALSE
cidade Edit	cidadeE dit	TRUE	<None>	EditText	private		Cadast rVended orActivi ty	FALSE
bairroV endedo r	bairroVe ndedor	TRUE	<None>	EditText	private		Cadast rVended orActivi ty	FALSE
spinner UF	spinner UF	TRUE	<None>	Spinner	private		Cadast rVended orActivi ty	FALSE
apagar	apagar	TRUE	<None>	Button	private		Cadast rVended orActivi ty	FALSE
cadastr ar	cadastra r	TRUE	<None>	Button	private		Cadast rVended orActivi ty	FALSE
campo Nome Vended orVazi o	campoN omeVen dedorVa zio	TRUE	<None>	String	public		Mensag ens	FALSE
campo Telefon eVende dorVazi o	campoT elefone Vended orVazio	TRUE	<None>	String	public		Mensag ens	FALSE
campo RGVen dedorV	campoR GVende dorVazi	TRUE	<None>	String	public		Mensag ens	FALSE

azio	o							
campo CPFVendedorVazio	campoCPFVendedorVazio	TRUE	<None>	String	public		Mensagens	FALSE
campo LoginVendedorVazio	campoLoginVendedorVazio	TRUE	<None>	String	public		Mensagens	FALSE
campo SenhaVendedorVazio	campoSenhaVendedorVazio	TRUE	<None>	String	public		Mensagens	FALSE
campo RuaVendedorVazio	campoRuaVendedorVazio	TRUE	<None>	String	public		Mensagens	FALSE
campo NumeroVendedorVazio	campoNumeroVendedorVazio	TRUE	<None>	String	public		Mensagens	FALSE
campo CEPVendedorVazio	campoCEPVendedorVazio	TRUE	<None>	String	public		Mensagens	FALSE
vendedorBD	vendedorBD	TRUE	<None>	VendedorBD	private		VendedorBDFactory	FALSE
id	id	TRUE	<None>	VendedorBD	private		VendedorDAO	FALSE
nome	nome	TRUE	<None>	String	private		VendedorDAO	FALSE
telefone	telefone	TRUE	<None>	String	private		VendedorDAO	FALSE
rg	rg	TRUE	<None>	String	private		VendedorDAO	FALSE
cpf	cpf	TRUE	<None>	String	private		VendedorDAO	FALSE
rua	rua	TRUE	<None>	String	private		VendedorDAO	FALSE
numero	numero	TRUE	<None>	String	private		VendedorDAO	FALSE
cep	cep	TRUE	<None>	String	private		VendedorDAO	FALSE

estado	estado	TRUE	<None>	String	private		Vended orDAO	FALSE
cidade	cidade	TRUE	<None>	String	private		Vended orDAO	FALSE
bairro	bairro	TRUE	<None>	String	private		Vended orDAO	FALSE
login	login	TRUE	<None>	String	private		Vended orDAO	FALSE
senha	senha	TRUE	<None>	String	private		Vended orDAO	FALSE
vended orBD	vendedo rBD	TRUE	<None>	Vendedo rBD	private		ClienteB D	FALSE
cliente BD	clienteB D	TRUE	<None>	ClienteB D	private		ClienteB DFactor y	FALSE
tabelaC liente	tabelaCl iente	TRUE	<None>	String	private		Cliente DAO	FALSE
id	id	TRUE	<None>	String	private		Cliente DAO	FALSE
nome	nome	TRUE	<None>	String	private		Cliente DAO	FALSE
telefon e	telefone	TRUE	<None>	String	private		Cliente DAO	FALSE
rg	rg	TRUE	<None>	String	private		Cliente DAO	FALSE
cpf	cpf	TRUE	<None>	String	private		Cliente DAO	FALSE
rua	rua	TRUE	<None>	String	private		Cliente DAO	FALSE
numero	numero	TRUE	<None>	String	private		Cliente DAO	FALSE
cep	cep	TRUE	<None>	String	private		Cliente DAO	FALSE
bairro	bairro	TRUE	<None>	String	private		Cliente DAO	FALSE
cidade	cidade	TRUE	<None>	String	private		Cliente DAO	FALSE
estado	estado	TRUE	<None>	String	private		Cliente DAO	FALSE

IV.1.1.3 Class method list

Name	Code	Return Type	Visibi lity	Abstr act	Final	Static	Classifier	Read- only
fazerLogin	fazerLogin	void	public	FALS E	FALS E	FALS E	FazerLogin	FALS E

cadastrar	cadastrar	void	public	FALSE	FALSE	FALSE	FazerLogin	FALSE
EntrarNoSistema	entrarNoSistema	void	public	FALSE	FALSE	FALSE	LoginActivity	FALSE
mostrarErro	mostrarError	void	public	FALSE	FALSE	FALSE	LoginActivity	FALSE
CadastrarVendedor	cadastrarVendedor	void	public	FALSE	FALSE	FALSE	LoginActivity	FALSE
AdapterCliente	adapterCliente		public	FALSE	FALSE	FALSE	AdapterCliente	FALSE
getView	getView	View	public	FALSE	FALSE	FALSE	AdapterCliente	FALSE
getCount	getCount	int	public	FALSE	FALSE	FALSE	AdapterCliente	FALSE
getItem	getItem	object	public	FALSE	FALSE	FALSE	AdapterCliente	FALSE
getItemId	getItemId	long	public	FALSE	FALSE	FALSE	AdapterCliente	FALSE
retornarTelaAnterior	retornarTelaAnterior	void	public	FALSE	FALSE	FALSE	AtualizarClienteActivity	FALSE
atualizarDados	atualizarDados	boolean	public	FALSE	FALSE	FALSE	AtualizarClienteActivity	FALSE
validarCampos	validarCampos	boolean	public	FALSE	FALSE	FALSE	AtualizarClienteActivity	FALSE
preencherCampos	preencherCampos	void	public	FALSE	FALSE	FALSE	AtualizarClienteActivity	FALSE
getPositionDefaultSpinner	getPositionDefaultSpinner	int	public	FALSE	FALSE	FALSE	AtualizarClienteActivity	FALSE
listarTodosCLientes	listarTodosCLientes	void	public	FALSE	FALSE	FALSE	BuscarClienteActivity	FALSE
mudarTela	mudarTela	void	public	FALSE	FALSE	FALSE	BuscarClienteActivity	FALSE
CadastrarCliente	cadastrarCliente	boolean	public	FALSE	FALSE	FALSE	CadastrarClienteActivity	FALSE
validarCampos	validarCampos	boolean	public	FALSE	FALSE	FALSE	CadastrarClienteActivity	FALSE
casdastrar	casdastrar	void	public	FALSE	FALSE	FALSE	GerenciarClienteActivity	FALSE
atualizarCLiente	atualizarCLiente	void	public	FALSE	FALSE	FALSE	GerenciarClienteActivity	FALSE
buscarCLiente	buscarCLiente	void	public	FALSE	FALSE	FALSE	GerenciarClienteActivity	FALSE
excluirCLiente	excluirCLiente	void	public	FALSE	FALSE	FALSE	GerenciarClienteActivity	FALSE
getTelefone	getTelefone	List<Stri	public	FALSE	FALSE	FALSE	UtilsCliente	FALSE

List	List	ng>		E	E	E		E
BancoDadosFiado	bancoDadosFiado		public	FALSE	FALSE	FALSE	BancoDadosFiado	FALSE
createTableCliente	createTableCliente	void	public	FALSE	FALSE	FALSE	BancoDadosFiado	FALSE
createTableVendedor	createTableVendedor	void	public	FALSE	FALSE	FALSE	BancoDadosFiado	FALSE
urlContent	urlContent	String	public	FALSE	FALSE	FALSE	HttpUtils	FALSE
urlContentPost	urlContentPost	String	public	FALSE	FALSE	FALSE	HttpUtils	FALSE
retornarTela	retornarTela	List<String>	public	FALSE	FALSE	FALSE	AtualizarVendedorActivity	FALSE
atualizarVendedor	atualizarVendedor	boolean	public	FALSE	FALSE	FALSE	AtualizarVendedorActivity	FALSE
preencherCamposAtualizar	preencherCamposAtualizar	void	public	FALSE	FALSE	FALSE	AtualizarVendedorActivity	FALSE
getPositionDefaultSpinner	getPositionDefaultSpinner	int	public	FALSE	FALSE	FALSE	AtualizarVendedorActivity	FALSE
validarCampos	validarCampos	boolean	public	FALSE	FALSE	FALSE	AtualizarVendedorActivity	FALSE
cadastrarVendedor	cadastrarVendedor	boolean	public	FALSE	FALSE	FALSE	CadastrarVendedorActivity	FALSE
validarCampos	validarCampos	boolean	public	FALSE	FALSE	FALSE	CadastrarVendedorActivity	FALSE
atualizarVendedor	atualizarVendedor	void	public	FALSE	FALSE	FALSE	CadastrarVendedorActivity	FALSE
excluirVendedor	excluirVendedor	void	public	FALSE	FALSE	FALSE	CadastrarVendedorActivity	FALSE
GerenciarCliente	gerenciarCliente	List<String>	public	FALSE	FALSE	FALSE	MenuPrincipalActivity	FALSE
GerenciarVendedor	gerenciarVendedor	int	public	FALSE	FALSE	FALSE	MenuPrincipalActivity	FALSE
GerenciarProduto	gerenciarProduto	int	public	FALSE	FALSE	FALSE	MenuPrincipalActivity	FALSE
GerenciarContas	gerenciarContas	int	public	FALSE	FALSE	FALSE	MenuPrincipalActivity	FALSE

GerenciarVendas	gerenciarVendas	int	public	FALSE	FALSE	FALSE	MenuPrincipalActivity	FALSE
Configuracoes	configuracoes	int	public	FALSE	FALSE	FALSE	MenuPrincipalActivity	FALSE
OperacaoCrud	operacaoCrud		public	FALSE	FALSE	FALSE	OperacaoCrud	FALSE
getInputMap	getInputMap	Map<String, Integer>	public	FALSE	FALSE	FALSE	OperacaoCrud	FALSE
VendedorBD	vendedorBD		public	FALSE	FALSE	FALSE	VendedorBD	FALSE
getInputMap	getInputMap	Map<String, Integer>	public	FALSE	FALSE	FALSE	VendedorBD	FALSE
createCliente	createCliente	int	public	FALSE	FALSE	FALSE	VendedorBD	FALSE
onUpgrade	onUpgrade	int	public	FALSE	FALSE	FALSE	VendedorBD	FALSE
salvar	salvar	boolean	public	FALSE	FALSE	FALSE	VendedorBD	FALSE
atualizar	atualizar	boolean	public	FALSE	FALSE	FALSE	VendedorBD	FALSE
deletar	deletar	boolean	public	FALSE	FALSE	FALSE	VendedorBD	FALSE
getVendedor	getVendedor	Vendedor	public	FALSE	FALSE	FALSE	VendedorBD	FALSE
listarVendedor	listarVendedor	List<Vendedor>	public	FALSE	FALSE	FALSE	VendedorBD	FALSE
buscarVendedorPorNome	buscarVendedorPorNome	Vendedor	public	FALSE	FALSE	FALSE	VendedorBD	FALSE
buscarVendedorPorLoginSenha	buscarVendedorPorLoginSenha	Cursor	public	FALSE	FALSE	FALSE	VendedorBD	FALSE
buscarTodosVendedores	buscarTodosVendedores	Cursor	public	FALSE	FALSE	FALSE	VendedorBD	FALSE
getID	getID	Long	public	FALSE	FALSE	FALSE	VendedorBD	FALSE
getNome	getNome	String	public	FALSE	FALSE	FALSE	VendedorBD	FALSE
getTelefone	getTelefone	String	public	FALSE	FALSE	FALSE	VendedorBD	FALSE
getRG	getRG	String	public	FALSE	FALSE	FALSE	VendedorBD	FALSE
getCPF	getCPF	String	public	FALSE	FALSE	FALSE	VendedorBD	FALSE

				E	E	E		E
getRua	getRua	String	public	FALSE	FALSE	FALSE	VendedorBD	FALSE
getNumero	getNumero	String	public	FALSE	FALSE	FALSE	VendedorBD	FALSE
getCEP	getCEP	String	public	FALSE	FALSE	FALSE	VendedorBD	FALSE
getEstado	getEstado	String	public	FALSE	FALSE	FALSE	VendedorBD	FALSE
getCidade	getCidade	String	public	FALSE	FALSE	FALSE	VendedorBD	FALSE
getBairro	getBairro	String	public	FALSE	FALSE	FALSE	VendedorBD	FALSE
getLogin	getLogin	String	public	FALSE	FALSE	FALSE	VendedorBD	FALSE
getSenha	getSenha	String	public	FALSE	FALSE	FALSE	VendedorBD	FALSE
getVendedorBD	getVendedorBD	VendedorBD	public	FALSE	FALSE	FALSE	VendedorBD Factory	FALSE
salvar	salvar	boolean	public	FALSE	FALSE	FALSE	VendedorDAO	FALSE
atualizar	atualizar	String	public	FALSE	FALSE	FALSE	VendedorDAO	FALSE
deletar	deletar	String	public	FALSE	FALSE	FALSE	VendedorDAO	FALSE
getVendedor	getVendedor	String	public	FALSE	FALSE	FALSE	VendedorDAO	FALSE
listarVendedor	listarVendedor	String	public	FALSE	FALSE	FALSE	VendedorDAO	FALSE
buscarVendedorPorNome	buscarVendedorPorNome	String	public	FALSE	FALSE	FALSE	VendedorDAO	FALSE
buscarTodosVendedores	buscarTodosVendedores	String	public	FALSE	FALSE	FALSE	VendedorDAO	FALSE
buscarVendedorPorLoginSenha	buscarVendedorPorLoginSenha	String	public	FALSE	FALSE	FALSE	VendedorDAO	FALSE
getID	getID	String	public	FALSE	FALSE	FALSE	VendedorDAO	FALSE
getNome	getNome	String	public	FALSE	FALSE	FALSE	VendedorDAO	FALSE
getTelefone	getTelefone	String	public	FALSE	FALSE	FALSE	VendedorDAO	FALSE
getRG	getRG	String	public	FALSE	FALSE	FALSE	VendedorDAO	FALSE

getCPF	getCPF	String	public	FALSE	FALSE	FALSE	VendedorDAO	FALSE
getRua	getRua	String	public	FALSE	FALSE	FALSE	VendedorDAO	FALSE
getNumero	getNumero	String	public	FALSE	FALSE	FALSE	VendedorDAO	FALSE
getCEP	getCEP	String	public	FALSE	FALSE	FALSE	VendedorDAO	FALSE
getEstado	getEstado	String	public	FALSE	FALSE	FALSE	VendedorDAO	FALSE
getCidade	getCidade	String	public	FALSE	FALSE	FALSE	VendedorDAO	FALSE
getBairro	getBairro	String	public	FALSE	FALSE	FALSE	VendedorDAO	FALSE
getLogin	getLogin	String	public	FALSE	FALSE	FALSE	VendedorDAO	FALSE
getSenha	getSenha	String	public	FALSE	FALSE	FALSE	VendedorDAO	FALSE
ClienteBD	clienteBD		public	FALSE	FALSE	FALSE	ClienteBD	FALSE
onUpgrade	onUpgrade	void	public	FALSE	FALSE	FALSE	ClienteBD	FALSE
salvar	salvar	boolean	public	FALSE	FALSE	FALSE	ClienteBD	FALSE
atualizar	atualizar	boolean	public	FALSE	FALSE	FALSE	ClienteBD	FALSE
deletar	deletar	boolean	public	FALSE	FALSE	FALSE	ClienteBD	FALSE
getCliente	getCliente	Cliente	public	FALSE	FALSE	FALSE	ClienteBD	FALSE
listarCliente	listarCliente	List<Cliente>	public	FALSE	FALSE	FALSE	ClienteBD	FALSE
buscarClientePorNome	buscarClientePorNome	Cliente	public	FALSE	FALSE	FALSE	ClienteBD	FALSE
buscarTodosOsClientes	buscarTodosOsClientes	Cursor	public	FALSE	FALSE	FALSE	ClienteBD	FALSE
getID	getID	Long	public	FALSE	FALSE	FALSE	ClienteBD	FALSE
getNome	getNome	String	public	FALSE	FALSE	FALSE	ClienteBD	FALSE
getTelefone	getTelefone	String	public	FALSE	FALSE	FALSE	ClienteBD	FALSE
getRG	getRG	String	public	FALSE	FALSE	FALSE	ClienteBD	FALSE
getCPF	getCPF	String	public	FALSE	FALSE	FALSE	ClienteBD	FALSE

getRua	getRua	String	public	FALSE	FALSE	FALSE	ClienteBD	FALSE
getNumero	getNumero	String	public	FALSE	FALSE	FALSE	ClienteBD	FALSE
getCEP	getCEP	String	public	FALSE	FALSE	FALSE	ClienteBD	FALSE
getEstado	getEstado	String	public	FALSE	FALSE	FALSE	ClienteBD	FALSE
getCidade	getCidade	String	public	FALSE	FALSE	FALSE	ClienteBD	FALSE
getBairro	getBairro	String	public	FALSE	FALSE	FALSE	ClienteBD	FALSE
getClienteBD	getClienteBD	ClienteBD	public	FALSE	FALSE	FALSE	ClienteBDFactory	FALSE
salvar	salvar	boolean	public	FALSE	FALSE	FALSE	ClienteDAO	FALSE
atualizar	atualizar	boolean	public	FALSE	FALSE	FALSE	ClienteDAO	FALSE
deletar	deletar	boolean	public	FALSE	FALSE	FALSE	ClienteDAO	FALSE
getCliente	getCliente	Cliente	public	FALSE	FALSE	FALSE	ClienteDAO	FALSE
listarCliente	listarCliente	List<Cliente>	public	FALSE	FALSE	FALSE	ClienteDAO	FALSE
buscarClientePorNome	buscarClientePorNome	Cliente	public	FALSE	FALSE	FALSE	ClienteDAO	FALSE
buscarTodosOsClientes	buscarTodosOsClientes	Cursor	public	FALSE	FALSE	FALSE	ClienteDAO	FALSE
getID	getID	String	public	FALSE	FALSE	FALSE	ClienteDAO	FALSE
getNome	getNome	String	public	FALSE	FALSE	FALSE	ClienteDAO	FALSE
getTelefone	getTelefone	String	public	FALSE	FALSE	FALSE	ClienteDAO	FALSE
getRG	getRG	String	public	FALSE	FALSE	FALSE	ClienteDAO	FALSE
getCPF	getCPF	String	public	FALSE	FALSE	FALSE	ClienteDAO	FALSE
getRua	getRua	String	public	FALSE	FALSE	FALSE	ClienteDAO	FALSE
getNumero	getNumero	String	public	FALSE	FALSE	FALSE	ClienteDAO	FALSE
getCEP	getCEP	String	public	FALSE	FALSE	FALSE	ClienteDAO	FALSE
getEstado	getEstado	String	public	FALSE	FALSE	FALSE	ClienteDAO	FALSE

getCidade	getCidade	String	public	FALSE	FALSE	FALSE	ClienteDAO	FALSE
getBairro	getBairro	String	public	FALSE	FALSE	FALSE	ClienteDAO	FALSE

IV.1.1.4 Class AdapterCliente

IV.1.1.4.1 Description of class AdapterCliente

O construtor dessa cliente recebe como parametro, um contexto, cursor, ArrayList de clientes e um clienteDAO.

O `getCount()` retorna um inteiro com o tamanho da lista de BaseAdapter.

O `getItem()` recebe um inteiro e retorna um objeto da posição do cliente na ArrayList.

O `getItemId()` recebe um inteiro e retorna e retorna a opção desse objeto.

`getView()` recebe um inteiro com a posição, um View e um ViewGroup

IV.1.1.4.2 Code preview of class AdapterCliente

```

/*****
 * Module: AdapterCliente.java
 * Author: Alyson
 * Purpose: Defines the Class AdapterCliente
 *****/

```

```
import java.util.*;
```

```
/** Essa classe implementa a classe generica, BaseAdapter
 *
```

```
 * @pdOid 87e08e3e-8200-47e6-996c-59a0ba18aeb2 */
```

```
public class AdapterCliente {
    /** @pdOid b21ccf21-64a0-4d92-9da1-b3a33938fcd0 */
    public adapterCliente() {
        // TODO: implement
    }

```

```
    /** @pdOid 4df2fa78-4a92-4cb7-813a-3e0103ea6599 */
    public View getView() {
        // TODO: implement
        return null;
    }

```

```
    /** @pdOid 9564344f-fc2f-41fe-b180-48fd71f7d0e4 */
    public int getCount() {
        // TODO: implement
        return 0;
    }

```

```
    /** @pdOid 7467bf97-c7bc-410d-9263-97a115afbfa0 */
    public object getItem() {
        // TODO: implement
        return null;
    }

```

```

    }

    /** @pdOid 2d007a7d-9fd1-4ca2-88c3-3bba42de30b1 */
    public long getItemId() {
        // TODO: implement
        return 0;
    }
}

```

IV.1.1.4.3 Header of class AdapterCliente

```

/*****
* Module: AdapterCliente.java
* Author: Alyson
* Purpose: Defines the Class AdapterCliente
*****/

```

IV.1.1.4.4 Imports of class AdapterCliente

```
import java.util.*;
```

IV.1.1.4.5 Operation AdapterCliente of the class AdapterCliente

IV.1.1.4.5.1 Body of the operation AdapterCliente of the class AdapterCliente

```

{
    // TODO: implement
}

```

IV.1.1.4.5.2 Template body of the operation AdapterCliente of the class AdapterCliente

```
%DefaultBody%
```

IV.1.1.4.6 Operation getView of the class AdapterCliente

IV.1.1.4.6.1 Body of the operation getView of the class AdapterCliente

```

{
    // TODO: implement
    return null;
}

```

IV.1.1.4.6.2 Template body of the operation getView of the class AdapterCliente

```
%DefaultBody%
```

IV.1.1.4.7 Operation getCount of the class AdapterCliente

IV.1.1.4.7.1 Body of the operation getCount of the class AdapterCliente

```

{
    // TODO: implement
    return 0;
}

```

IV.1.1.4.7.2 Template body of the operation getCount of the class AdapterCliente

```
%DefaultBody%
```

IV.1.1.4.8 Operation getItem of the class AdapterCliente

IV.1.1.4.8.1 Body of the operation getItem of the class AdapterCliente

```
{
    // TODO: implement
    return null;
}
```

IV.1.1.4.8.2 Template body of the operation getItem of the class AdapterCliente

%DefaultBody%

IV.1.1.4.9 Operation getItemId of the class AdapterCliente

IV.1.1.4.9.1 Body of the operation getItemId of the class AdapterCliente

```
{
    // TODO: implement
    return 0;
}
```

IV.1.1.4.9.2 Template body of the operation getItemId of the class AdapterCliente

%DefaultBody%

IV.1.1.5 Class AtualizarClienteActivity

IV.1.1.5.1 Description of class AtualizarClienteActivity

O metodo retornarTelaAnterior() retorna a tela anterior acessada pelo usuário.

O metodo atualizarDados() faz a atualização dos dados na estrutura antes de ser inserida no banco.

O metodo validarCampos() faz as validações do campo, para envitar corrigir dados inesperando informado pelo cliente.

O metodo preencherCampos() preenche os campos com os dados contidos na estrutura.

IV.1.1.5.2 Code preview of class AtualizarClienteActivity

```

/*****
* Module: AtualizarClienteActivity.java
* Author: Alyson
* Purpose: Defines the Class AtualizarClienteActivity
*****/

import java.util.*;

/** Essa classe extends um activity
 *
 * @pdOid 50a09b1c-15f1-4500-bc6c-67295159314b */
public class AtualizarClienteActivity {
    /** @pdOid c7ba1707-f840-4061-9222-c4b422ab918a */
    private EditText nomeCliente;
    /** @pdOid fef36564-cb56-491f-bdd9-25a360dc24cc */
    private EditText rgCliente;

```



```
/** @pdOid b21119cb-33a3-409c-9e5e-472422cc096f */
private EditText cpfCliente;
/** @pdOid 1ea4c439-3d26-4e56-856c-e364f195d9bf */
private EditText telefoneCliente;
/** @pdOid 0bfb31a0-fce5-4f9c-be3c-9686c2c49142 */
private EditText enderecoCliente;
/** @pdOid 05e6cc8b-aa93-453f-9875-f11f2c0de015 */
private EditText numeroCliente;
/** @pdOid 20ea5605-664a-40fa-b0d3-682d49daf9ca */
private EditText cepCliente;
/** @pdOid 88f4c8da-79c9-489e-8381-4bfc4bcfff1c */
private EditText cidadeEdit;
/** @pdOid 4229a3a2-91f8-4f66-b627-4ae18c730f7a */
private EditText bairroCliente;
/** @pdOid d7c37d74-a965-40dc-b314-b0206a58c99f */
private Spinner spinnerUF;
/** @pdOid 65b8feb4-595c-417f-aa77-41bfb0d46c71 */
private Button apagar;
/** @pdOid 81764bfe-1f27-4f49-a0e4-70df0245f271 */
private Cliente clienteSerializable;
/** @pdOid 3bec802c-5dd3-4102-933b-a78720ae093f */
private int attribute13;

/** @pdOid 1fb2cd31-f4c8-471c-ab54-2249cc226844 */
public void retornarTelaAnterior() {
    // TODO: implement
}

/** @pdOid 538585a5-582a-404a-b159-772ca02e2f4d */
public boolean atualizarDados() {
    // TODO: implement
    return false;
}

/** @pdOid 5bda6d3b-0133-4ad1-b7a0-e95d33d8cbf0 */
public boolean validarCampos() {
    // TODO: implement
    return false;
}

/** @pdOid 2fa366e1-fd10-400c-adb9-3ce79981af6a */
public void preencherCampos() {
    // TODO: implement
}

/** @pdOid 9cc8e08f-4537-4834-9621-f4c7d75d427f */
public int getPositionDefaultSpinner() {
    // TODO: implement
    return 0;
}

/** @pdOid 6d72e191-885e-436c-9b1b-0c1966bee57f */
public class SpinnerUFIInfo {
}
}
```

IV.1.1.5.3 Header of class AtualizarClienteActivity

```

/*****
* Module: AtualizarClienteActivity.java
* Author: Alyson
* Purpose: Defines the Class AtualizarClienteActivity
*****/

```

IV.1.1.5.4 Imports of class AtualizarClienteActivity

```
import java.util.*;
```

IV.1.1.5.5 Attribute nomeCliente of the class AtualizarClienteActivity**IV.1.1.5.6 Attribute rgCliente of the class AtualizarClienteActivity****IV.1.1.5.7 Attribute cpfCliente of the class AtualizarClienteActivity****IV.1.1.5.8 Attribute telefoneCliente of the class AtualizarClienteActivity****IV.1.1.5.9 Attribute enderecoCliente of the class AtualizarClienteActivity****IV.1.1.5.10 Attribute numeroCliente of the class AtualizarClienteActivity****IV.1.1.5.11 Attribute cepCliente of the class AtualizarClienteActivity****IV.1.1.5.12 Attribute cidadeEdit of the class AtualizarClienteActivity****IV.1.1.5.13 Attribute bairroCliente of the class AtualizarClienteActivity****IV.1.1.5.14 Attribute spinnerUF of the class AtualizarClienteActivity****IV.1.1.5.15 Attribute apagar of the class AtualizarClienteActivity****IV.1.1.5.16 Attribute clienteSerializable of the class AtualizarClienteActivity****IV.1.1.5.17 Attribute Attribute_13 of the class AtualizarClienteActivity****IV.1.1.5.18 Operation retornarTelaAnterior of the class AtualizarClienteActivity****IV.1.1.5.18.1 Body of the operation retornarTelaAnterior of the class AtualizarClienteActivity**

```

{
    // TODO: implement
}

```

IV.1.1.5.18.2 Template body of the operation retornarTelaAnterior of the class AtualizarClienteActivity

```
%DefaultBody%
```

IV.1.1.5.19 Operation atualizarDados of the class AtualizarClienteActivity**IV.1.1.5.19.1 Body of the operation atualizarDados of the class AtualizarClienteActivity**

```
{
    // TODO: implement
    return false;
}
```

IV.1.1.5.19.2 **Template body of the operation atualizarDados of the class AtualizarClienteActivity**
 %DefaultBody%

IV.1.1.5.20 Operation validarCampos of the class AtualizarClienteActivity

IV.1.1.5.20.1 **Body of the operation validarCampos of the class AtualizarClienteActivity**

```
{
    // TODO: implement
    return false;
}
```

IV.1.1.5.20.2 **Template body of the operation validarCampos of the class AtualizarClienteActivity**
 %DefaultBody%

IV.1.1.5.21 Operation preencherCampos of the class AtualizarClienteActivity

IV.1.1.5.21.1 **Body of the operation preencherCampos of the class AtualizarClienteActivity**

```
{
    // TODO: implement
}
```

IV.1.1.5.21.2 **Template body of the operation preencherCampos of the class AtualizarClienteActivity**
 %DefaultBody%

IV.1.1.5.22 Operation getPositionDefaultSpinner of the class AtualizarClienteActivity

IV.1.1.5.22.1 **Body of the operation getPositionDefaultSpinner of the class AtualizarClienteActivity**

```
{
    // TODO: implement
    return 0;
}
```

IV.1.1.5.22.2 **Template body of the operation getPositionDefaultSpinner of the class AtualizarClienteActivity**
 %DefaultBody%

IV.1.1.6 Class AtualizarVendedorActivity

IV.1.1.6.1 Description of class AtualizarVendedorActivity

O metodo retornarTela() retorna a tela referente a atualização de dados na tela.

O metodo atualizarVendedor() faz a atualização dos dados do vendedor.

O metodo preencherCamposAtualizar() faz o preenchimento nos campos da tela de vendedor, dos dados cadastrados no banco e incluido na estrutura.

O metodo getPositionDefaultSpinner() retorna a posicao default do objeto seleciona no spinner.

O metodo validarCampos() faz a validação dos campos no formulario.

IV.1.1.6.2 *Code preview of class AtualizarVendedorActivity*

```
/**
 * Module: AtualizarVendedorActivity.java
 * Author: Alyson
 * Purpose: Defines the Class AtualizarVendedorActivity
 */
```

```
import java.util.*;
```

```
/** Essa classe extends uma activity
 *
 * @pdOid 296a4181-d4d0-42ce-9a6f-b4e253716127 */
public class AtualizarVendedorActivity {
    /** @pdOid 2ca0dfcb-a655-475a-bd64-07d65244e9ba */
    private EditText nomeVendedor;
    /** @pdOid bbd23fc1-cd92-4710-934b-020e779b958f */
    private EditText rgVendedor;
    /** @pdOid 96f8868e-0941-42db-8e05-6e442be2eb04 */
    private EditText cpfVendedor;
    /** @pdOid 19f22ae5-0c2b-4a8a-98fd-5f9f2b21d939 */
    private EditText telefoneVendedor;
    /** @pdOid 4a22b3fc-e7e6-4790-88d9-26f0b1c92a77 */
    private EditText loginVendedor;
    /** @pdOid cd856ee4-aa21-4d84-b4ac-c16c468707d9 */
    private EditText senhaVendedor;
    /** @pdOid 083a1404-5daf-4014-afec-31196ee7d9a0 */
    private EditText enderecoVendedor;
    /** @pdOid 809c88e2-a90c-4c5f-938e-e7f8d10f568b */
    private EditText numeroVendedor;
    /** @pdOid f1cb14a2-fd63-43e9-bff4-640eacafaf43 */
    private EditText cepVendedor;
    /** @pdOid 874e728b-70ec-411b-b51a-e3c89b54967c */
    private EditText cidadeEdit;
    /** @pdOid a84fdf9c-16bb-405f-9c28-4e14a9ba23e9 */
    private EditText bairroVendedor;
    /** @pdOid c9c7e283-7a09-4ba4-9c15-8db1b3dda464 */
    private Spinner spinnerUF;
    /** @pdOid 82939d30-5029-4666-885b-d8f5cc13e656 */
    private Button atualizarVendedor;
    /** @pdOid 6551825b-fd12-4c1c-ada2-843825992c97 */
    private List<String> listUF;

    /** @pdOid 3c95013f-21ae-4987-9995-b4ab1eba5cea */
    public List<String> retornarTela() {
        // TODO: implement
        return null;
    }

    /** @pdOid 27520a8d-a9c8-4320-94e5-6d8c0206de88 */
    public boolean atualizarVendedor() {
```

```

// TODO: implement
return false;
}

/** @pdOid 34d045c4-7fc3-49a6-908c-c8bb4bdcff1d */
public void preencherCamposAtualizar() {
// TODO: implement
}

/** @pdOid 69d69f50-1e93-4cdb-8da9-b79c7f22b946 */
public int getPositionDefaultSpinner() {
// TODO: implement
return 0;
}

/** @pdOid 5c027b33-a8be-4ee8-9b5f-effcb6b20f71 */
public boolean validarCampos() {
// TODO: implement
return null;
}
}

```

IV.1.1.6.3 Header of class AtualizarVendedorActivity

```

/*****
* Module: AtualizarVendedorActivity.java
* Author: Alyson
* Purpose: Defines the Class AtualizarVendedorActivity
*****/

```

IV.1.1.6.4 Imports of class AtualizarVendedorActivity

```
import java.util.*;
```

IV.1.1.6.5 Attribute nomeVendedor of the class AtualizarVendedorActivity

IV.1.1.6.6 Attribute rgVendedor of the class AtualizarVendedorActivity

IV.1.1.6.7 Attribute cpfVendedor of the class AtualizarVendedorActivity

IV.1.1.6.8 Attribute telefoneVendedor of the class AtualizarVendedorActivity

IV.1.1.6.9 Attribute loginVendedor of the class AtualizarVendedorActivity

IV.1.1.6.10 Attribute senhaVendedor of the class AtualizarVendedorActivity

IV.1.1.6.11 Attribute enderecoVendedor of the class AtualizarVendedorActivity

IV.1.1.6.12 Attribute numeroVendedor of the class AtualizarVendedorActivity

IV.1.1.6.13 Attribute cepVendedor of the class AtualizarVendedorActivity

IV.1.1.6.14 Attribute cidadeEdit of the class AtualizarVendedorActivity

IV.1.1.6.15 Attribute bairroVendedor of the class AtualizarVendedorActivity

IV.1.1.6.16 Attribute spinnerUF of the class AtualizarVendedorActivity

IV.1.1.6.17 Attribute atualizarVendedor of the class AtualizarVendedorActivity

IV.1.1.6.18 Attribute listUF of the class AtualizarVendedorActivity

IV.1.1.6.19 Operation retornarTela of the class AtualizarVendedorActivity

IV.1.1.6.19.1 Body of the operation retornarTela of the class AtualizarVendedorActivity

```
{
  // TODO: implement
  return null;
}
```

IV.1.1.6.19.2 Template body of the operation retornarTela of the class AtualizarVendedorActivity

%DefaultBody%

IV.1.1.6.20 Operation atualizarVendedor of the class AtualizarVendedorActivity

IV.1.1.6.20.1 Body of the operation atualizarVendedor of the class AtualizarVendedorActivity

```
{
  // TODO: implement
  return false;
}
```

IV.1.1.6.20.2 Template body of the operation atualizarVendedor of the class AtualizarVendedorActivity

%DefaultBody%

IV.1.1.6.21 Operation preencherCamposAtualizar of the class AtualizarVendedorActivity

IV.1.1.6.21.1 Body of the operation preencherCamposAtualizar of the class AtualizarVendedorActivity

```
{
  // TODO: implement
}
```

IV.1.1.6.21.2 Template body of the operation preencherCamposAtualizar of the class AtualizarVendedorActivity

%DefaultBody%

IV.1.1.6.22 Operation getPositionDefaultSpinner of the class AtualizarVendedorActivity

IV.1.1.6.22.1 Body of the operation getPositionDefaultSpinner of the class AtualizarVendedorActivity

```
{
  // TODO: implement
  return 0;
}
```

IV.1.1.6.22.2 Template body of the operation getPositionDefaultSpinner of the class AtualizarVendedorActivity

%DefaultBody%

IV.1.1.6.23 Operation validarCampos of the class AtualizarVendedorActivity

IV.1.1.6.23.1 Body of the operation validarCampos of the class AtualizarVendedorActivity

```
{
    // TODO: implement
    return null;
}
```

IV.1.1.6.23.2 Template body of the operation validarCampos of the class AtualizarVendedorActivity

%DefaultBody%

IV.1.1.7 Class BancoDadosFiado

IV.1.1.7.1 Description of class BancoDadosFiado

A classe **SQLiteOpenHelper** - faz com que seja fácil para ContentProvider implementações de adiar a abertura e modernização do banco de dados até a primeira utilização

Seu construtor recebe como parametro, o contexto, um nome, um cursorFactory e uma versão.

O metodo **createTableCliente** cria a tabela de clientes.

O metodo **createTableVendedor** cria a tabela de vendedores.

IV.1.1.7.2 Code preview of class BancoDadosFiado

```

/*****
 * Module: BancoDadosFiado.java
 * Author: Alyson
 * Purpose: Defines the Class BancoDadosFiado
 *****/

import java.util.*;

/** Essa classe estende SQLiteOpenHelper
 *
 *
 * @pdOid b71d6ce0-b0ad-4ca3-9994-5a51cb030a53 */
public class BancoDadosFiado {
    /** @pdOid 33255cf1-5797-4c6c-8ece-5b1895605441 */
    public bancoDadosFiado() {
        // TODO: implement
    }

    /** @pdOid 53625f95-5574-4dc5-ae98-93be191808b1 */
    public void createTableCliente() {
        // TODO: implement
    }

    /** @pdOid 04371132-fa2e-456a-ba07-3c881f515ee9 */

```

```

public void createTableVendedor() {
    // TODO: implement
}

}

```

IV.1.1.7.3 Header of class BancoDadosFiado

```

/*****
* Module: BancoDadosFiado.java
* Author: Alyson
* Purpose: Defines the Class BancoDadosFiado
*****/

```

IV.1.1.7.4 Imports of class BancoDadosFiado

```
import java.util.*;
```

IV.1.1.7.5 Operation BancoDadosFiado of the class BancoDadosFiado

IV.1.1.7.5.1 Body of the operation BancoDadosFiado of the class BancoDadosFiado

```

{
    // TODO: implement
}

```

IV.1.1.7.5.2 Template body of the operation BancoDadosFiado of the class BancoDadosFiado

```
%DefaultBody%
```

IV.1.1.7.6 Operation createTableCliente of the class BancoDadosFiado

IV.1.1.7.6.1 Body of the operation createTableCliente of the class BancoDadosFiado

```

{
    // TODO: implement
}

```

IV.1.1.7.6.2 Template body of the operation createTableCliente of the class BancoDadosFiado

```
%DefaultBody%
```

IV.1.1.7.7 Operation createTableVendedor of the class BancoDadosFiado

IV.1.1.7.7.1 Body of the operation createTableVendedor of the class BancoDadosFiado

```

{
    // TODO: implement
}

```

IV.1.1.7.7.2 Template body of the operation createTableVendedor of the class BancoDadosFiado

```
%DefaultBody%
```

IV.1.1.8 Class BuscarClienteActivity

IV.1.1.8.1 Description of class BuscarClienteActivity

O metodo listarTodosCLientes() lista todos os clientes em um determinada lista

O metodo mudarTela() faz com que o sistema atualize a tela de acordo com a busca do cliente.

O metodo getCount()

IV.1.1.8.2 *Code preview of class BuscarClienteActivity*

```

/*****
 * Module: BuscarClienteActivity.java
 * Author: Alyson
 * Purpose: Defines the Class BuscarClienteActivity
 *****/

```

```
import java.util.*;
```

```

/** Essa classe extends uma activity
 *
 * @pdOid 46a05334-576d-4937-8391-64e37d340e88 */
public class BuscarClienteActivity {
    /** @pdOid baa1c4c3-3c7c-4340-9006-51fe4857b766 */
    private EditText buscarCliente;
    /** @pdOid e444c218-fa86-45e9-8200-b15821087f5c */
    private ImageButton buscarButton;
    /** @pdOid bde93fe3-5042-4521-912f-57d1c99b74e4 */
    private ListView listarCliente;
    /** @pdOid 653ac1a7-6cfc-4fed-9b2f-e3a696e19ba5 */
    private Cursor clienteLista;
    /** @pdOid f9c676dc-759c-4a01-b797-e5ab1a92e4ea */
    private AdapterCliente adapter;

    /** @pdOid a129bec7-70e6-40d5-93c6-30661ec8d283 */
    public void listarTodosCLientes() {
        // TODO: implement
    }

    /** @pdOid 3f5cfebb-03f7-47d8-a185-a5e0e13eef41 */
    public void mudarTela() {
        // TODO: implement
    }
}

```

IV.1.1.8.3 *Header of class BuscarClienteActivity*

```

/*****
 * Module: BuscarClienteActivity.java
 * Author: Alyson
 * Purpose: Defines the Class BuscarClienteActivity
 *****/

```

IV.1.1.8.4 *Imports of class BuscarClienteActivity*

```
import java.util.*;
```

IV.1.1.8.5 *Attribute buscarCliente of the class BuscarClienteActivity*

IV.1.1.8.6 *Attribute buscarButton of the class BuscarClienteActivity*

IV.1.1.8.7 *Attribute listarCliente of the class BuscarClienteActivity*

IV.1.1.8.8 *Attribute clienteLista of the class BuscarClienteActivity*

IV.1.1.8.9 *Attribute adapter of the class BuscarClienteActivity*

IV.1.1.8.10 *Operation listarTodosCLientes of the class BuscarClienteActivity*

IV.1.1.8.10.1 Body of the operation listarTodosCLientes of the class BuscarClienteActivity

```
{
  // TODO: implement
}
```

IV.1.1.8.10.2 Template body of the operation listarTodosCLientes of the class BuscarClienteActivity

%DefaultBody%

IV.1.1.8.11 *Operation mudarTela of the class BuscarClienteActivity*

IV.1.1.8.11.1 Body of the operation mudarTela of the class BuscarClienteActivity

```
{
  // TODO: implement
}
```

IV.1.1.8.11.2 Template body of the operation mudarTela of the class BuscarClienteActivity

%DefaultBody%

IV.1.1.9 Class CadastrarClienteActivity

IV.1.1.9.1 *Description of class CadastrarClienteActivity*

O metodo CadastrarCliente() faz o cadastro do cliente propriamente dito.

O metodo `validarCampos()` faz a validação dos campos inseridos no formulario.

IV.1.1.9.2 *Code preview of class CadastrarClienteActivity*

```
/**
 * Module: CadastrarClienteActivity.java
 * Author: Alyson
 * Purpose: Defines the Class CadastrarClienteActivity
 */
```

```
import java.util.*;
```

```
/** Essa classe faz o cadastro do cliente no sistema, ela extend uma activity
```

```
*
```

```
* @pdOid 1f776bea-397e-41ec-ba49-d85f15dd2550 */
```

```
public class CadastrarClienteActivity {
```

```
  /** @pdOid 619cee84-cd9e-451f-8a8a-7d0ea8d6c9fe */
```

```
  private EditText buscarCliente;
```

```
  /** @pdOid 0b0cd0ee-ccc6-466e-b682-483f364e2856 */
```

```
  private EditText rgCliente;
```

```
  /** @pdOid 9989599e-3894-4409-a408-7863d4e3c054 */
```

```

private EditText cpfCliente;
/** @pdOid cd776a5a-7a3f-49a5-b14a-cbffe39d2a39 */
private EditText telefoneCliente;
/** @pdOid 9b7f8c27-9ad8-4bab-8fec-12fe4888c820 */
private EditText enderecoCliente;
/** @pdOid 414ba748-fc9d-45ee-bfa7-8c0182219f24 */
private EditText numeroCliente;
/** @pdOid 7ca18c12-1061-47ec-947b-b2ff22a21967 */
private EditText cepCliente;
/** @pdOid 6e606269-febe-400b-b0a2-60a548c3392c */
private EditText cidadeEdit;
/** @pdOid 3c748009-811b-47dd-820e-d25696fdb841 */
private EditText bairroCliente;
/** @pdOid b3c8d952-ed8c-430e-8539-9948642d9974 */
private Spinner spinnerUF;
/** @pdOid f45399f5-e93b-411e-b7fb-30fc0a4095f6 */
private Button apagar;
/** @pdOid a2e470fa-2b4a-4e50-902a-9c9f3c625cd4 */
private Button cadastrarCliente;

/** @pdOid a674c631-c8bc-42b0-98b7-2ec16c548f22 */
public boolean cadastrarCliente() {
    // TODO: implement
    return false;
}

/** @pdOid 227e4d43-6ccb-4238-ad1d-6dba0d53b18b */
public boolean validarCampos() {
    // TODO: implement
    return false;
}
}

```

IV.1.1.9.3 Header of class CadastrarClienteActivity

```

/*****
* Module: CadastrarClienteActivity.java
* Author: Alyson
* Purpose: Defines the Class CadastrarClienteActivity
*****/

```

IV.1.1.9.4 Imports of class CadastrarClienteActivity

```
import java.util.*;
```

IV.1.1.9.5 Attribute buscarCliente of the class CadastrarClienteActivity

IV.1.1.9.6 Attribute rgCliente of the class CadastrarClienteActivity

IV.1.1.9.7 Attribute cpfCliente of the class CadastrarClienteActivity

IV.1.1.9.8 Attribute telefoneCliente of the class CadastrarClienteActivity

IV.1.1.9.9 Attribute enderecoCliente of the class CadastrarClienteActivity

IV.1.1.9.10 *Attribute numeroCliente of the class CadastrarClienteActivity*

IV.1.1.9.11 *Attribute cepCliente of the class CadastrarClienteActivity*

IV.1.1.9.12 *Attribute cidadeEdit of the class CadastrarClienteActivity*

IV.1.1.9.13 *Attribute bairroCliente of the class CadastrarClienteActivity*

IV.1.1.9.14 *Attribute spinnerUF of the class CadastrarClienteActivity*

IV.1.1.9.15 *Attribute apagar of the class CadastrarClienteActivity*

IV.1.1.9.16 *Attribute cadastrarCliente of the class CadastrarClienteActivity*

IV.1.1.9.17 *Operation CadastrarCliente of the class CadastrarClienteActivity*

IV.1.1.9.17.1 **Body of the operation CadastrarCliente of the class CadastrarClienteActivity**

```
{
    // TODO: implement
    return false;
}
```

IV.1.1.9.17.2 **Template body of the operation CadastrarCliente of the class CadastrarClienteActivity**

%DefaultBody%

IV.1.1.9.18 *Operation validarCampos of the class CadastrarClienteActivity*

IV.1.1.9.18.1 **Body of the operation validarCampos of the class CadastrarClienteActivity**

```
{
    // TODO: implement
    return false;
}
```

IV.1.1.9.18.2 **Template body of the operation validarCampos of the class CadastrarClienteActivity**

%DefaultBody%

IV.1.1.10 **Class CadastrarVendedorActivity**

IV.1.1.10.1 *Description of class CadastrarVendedorActivity*

O metodo cadastrarVendedor() faz o cadastro dos vendedores no banco.

O metodo validarCampos() faz a validação dos campos inseridos no formulario do vendedor.

O metodo atualizarVendedor() atualiza os dados do vendedor no banco.

O metodo excluirVendedor() faz a exclusão do vendedor no banco.

IV.1.1.10.2 *Code preview of class CadastrarVendedorActivity*

/*****

```
* Module: CadastrarVendedorActivity.java
* Author: Alyson
* Purpose: Defines the Class CadastrarVendedorActivity
*****/
```

```
import java.util.*;

/** Essa classe extends uma activity
 *
 * @pdOid f013e765-3704-4793-86d8-9b49c70d626a */
public class CadastrarVendedorActivity {
    /** @pdOid 1c57d72f-1f21-457f-9241-743672f718cc */
    private EditText nomeVendedor;
    /** @pdOid e9655b84-7fe3-4a9a-97b3-12d2cd712ea0 */
    private EditText rgVendedor;
    /** @pdOid 30f3342b-0f52-4c81-a661-e9f35a9551d7 */
    private EditText cpfVendedor;
    /** @pdOid ac970254-a0de-4a3d-8feb-d95df928ec7c */
    private EditText telefoneVendedor;
    /** @pdOid 339fec50-fa5c-44d3-b8c6-44ac75b3d22d */
    private EditText loginVendedor;
    /** @pdOid 0575ea04-da44-4afe-b771-23a031ac2733 */
    private EditText senhaVendedor;
    /** @pdOid 53d5cd52-f914-4bb7-bd1f-e838d0101187 */
    private EditText enderecoVendedor;
    /** @pdOid 4d8547bd-d623-446b-a98e-30e1c735df82 */
    private EditText numeroVendedor;
    /** @pdOid c4d7cc94-e3f2-4adc-a203-c4452d4832af */
    private EditText cepVendedor;
    /** @pdOid eb170f3c-b553-4403-8762-5de94db84f9c */
    private EditText cidadeEdit;
    /** @pdOid 0abba730-3b2a-462f-8035-4643e2e8efe7 */
    private EditText bairroVendedor;
    /** @pdOid 180352eb-63eb-40c1-a3f4-0b6be0444802 */
    private Spinner spinnerUF;
    /** @pdOid e013aec7-dd71-48ba-b401-b90f1389edcb */
    private Button apagar;
    /** @pdOid d456a775-5ef2-4c32-a1d1-f8c5bc8bff0a */
    private Button cadastrar;

    /** @pdOid 525ff2ea-dcb5-497b-ab0d-46910574af91 */
    public boolean cadastrarVendedor() {
        // TODO: implement
        return false;
    }

    /** @pdOid 0c69460f-b381-455b-aea8-e75e6cabdaad */
    public boolean validarCampos() {
        // TODO: implement
        return false;
    }

    /** @pdOid 9043275d-541b-4c55-9dae-52267b4725e9 */
    public void atualizarVendedor() {
        // TODO: implement
    }
}
```

```

/** @pdOid cacfd433-b09d-4bd1-a1cd-50d53a4972a2 */
public void excluirVendedor() {
    // TODO: implement
}
}

```

IV.1.1.10.3 Header of class CadastrarVendedorActivity

```

/*****
* Module: CadastrarVendedorActivity.java
* Author: Alyson
* Purpose: Defines the Class CadastrarVendedorActivity
*****/

```

IV.1.1.10.4 Imports of class CadastrarVendedorActivity

```
import java.util.*;
```

IV.1.1.10.5 Attribute nomeVendedor of the class CadastrarVendedorActivity

IV.1.1.10.6 Attribute rgVendedor of the class CadastrarVendedorActivity

IV.1.1.10.7 Attribute cpfVendedor of the class CadastrarVendedorActivity

IV.1.1.10.8 Attribute telefoneVendedor of the class CadastrarVendedorActivity

IV.1.1.10.9 Attribute loginVendedor of the class CadastrarVendedorActivity

IV.1.1.10.10 Attribute senhaVendedor of the class CadastrarVendedorActivity

IV.1.1.10.11 Attribute enderecoVendedor of the class CadastrarVendedorActivity

IV.1.1.10.12 Attribute numeroVendedor of the class CadastrarVendedorActivity

IV.1.1.10.13 Attribute cepVendedor of the class CadastrarVendedorActivity

IV.1.1.10.14 Attribute cidadeEdit of the class CadastrarVendedorActivity

IV.1.1.10.15 Attribute bairroVendedor of the class CadastrarVendedorActivity

IV.1.1.10.16 Attribute spinnerUF of the class CadastrarVendedorActivity

IV.1.1.10.17 Attribute apagar of the class CadastrarVendedorActivity

IV.1.1.10.18 Attribute cadastrar of the class CadastrarVendedorActivity

IV.1.1.10.19 Operation cadastrarVendedor of the class CadastrarVendedorActivity

IV.1.1.10.19.1 Body of the operation cadastrarVendedor of the class CadastrarVendedorActivity

```
{
    // TODO: implement
    return false;
}
```

IV.1.1.10.19.2 Template body of the operation cadastrarVendedor of the class CadastrarVendedorActivity

%DefaultBody%

IV.1.1.10.20 Operation validarCampos of the class CadastrarVendedorActivity

IV.1.1.10.20.1 Body of the operation validarCampos of the class CadastrarVendedorActivity

```
{
    // TODO: implement
    return false;
}
```

IV.1.1.10.20.2 Template body of the operation validarCampos of the class CadastrarVendedorActivity

%DefaultBody%

IV.1.1.10.21 Operation atualizarVendedor of the class CadastrarVendedorActivity

IV.1.1.10.21.1 Body of the operation atualizarVendedor of the class CadastrarVendedorActivity

```
{
    // TODO: implement
}
```

IV.1.1.10.21.2 Template body of the operation atualizarVendedor of the class CadastrarVendedorActivity

%DefaultBody%

IV.1.1.10.22 Operation excluirVendedor of the class CadastrarVendedorActivity

IV.1.1.10.22.1 Body of the operation excluirVendedor of the class CadastrarVendedorActivity

```
{
    // TODO: implement
}
```

IV.1.1.10.22.2 Template body of the operation excluirVendedor of the class CadastrarVendedorActivity

%DefaultBody%

IV.1.1.11 Class ClienteBD

IV.1.1.11.1 Code preview of class ClienteBD

```
/*
*****
* Module: ClienteBD.java
* Author: Alyson
* Purpose: Defines the Class ClienteBD
*****
*/
```

```
import java.util.*;
```

```
/** @pdOid 8e3cf57d-9c3d-444c-ae90-a72dc717747e */
public class ClienteBD {
    /** @pdOid 5c816549-290a-4496-b3e9-3042a2ef7831 */
    private VendedorBD vendedorBD;

    /** @pdOid 65035817-078f-4305-b4f1-13c788ceefc2 */
    public VendedorBD clienteBD() {
        // TODO: implement
    }

    /** @pdOid ec2f9493-ad82-46fb-af94-f99f11d2b776 */
    public void onUpgrade() {
        // TODO: implement
    }

    /** @pdOid d3a04458-1be5-41a7-8336-452ef2e3e2aa */
    public boolean salvar() {
        // TODO: implement
        return false;
    }

    /** @pdOid 7063ae7e-c24b-4f82-8de4-ecc3992a6b78 */
    public boolean atualizar() {
        // TODO: implement
        return false;
    }

    /** @pdOid 2d762dcd-a6d2-4189-b8b3-5dbe0645dcc3 */
    public boolean deletar() {
        // TODO: implement
        return false;
    }

    /** @pdOid d27f981b-f54b-461b-9354-12bb05f9fbc b */
    public Cliente getCliente() {
        // TODO: implement
        return null;
    }

    /** @pdOid e05b48c3-e080-4140-9331-64e4ada2aa68 */
    public List<Cliente> listarCliente() {
        // TODO: implement
        return null;
    }

    /** @pdOid 3ff6610f-4d93-47aa-b195-e2f688016ad7 */
    public Cliente buscarClientePorNome() {
        // TODO: implement
        return null;
    }

    /** @pdOid d655a854-813a-4ce5-b849-3952c967a61e */
    public Cursor buscarTodosOsClientes() {
        // TODO: implement
        return null;
    }
}
```



```
}

/** @pdOid bd94f46c-8575-45c9-bb14-de9ed35d9a8b */
public Long getID() {
    // TODO: implement
    return null;
}

/** @pdOid f82713b2-531b-43a0-a1b8-986d7b302946 */
public String getNome() {
    // TODO: implement
    return null;
}

/** @pdOid 1540fbb0-9efa-45bc-a2a3-9bb64a448ac0 */
public String getTelefone() {
    // TODO: implement
    return null;
}

/** @pdOid de6b057b-9ee6-40c7-9d88-a9fa6dc5a0da */
public String getRG() {
    // TODO: implement
    return null;
}

/** @pdOid e5299c6a-329b-4cd4-aed9-e6f748833ed5 */
public String getCPF() {
    // TODO: implement
    return null;
}

/** @pdOid 27de8764-f3c4-4bea-b1cd-0bca2f9ef323 */
public String getRua() {
    // TODO: implement
    return null;
}

/** @pdOid 601661a8-82c3-4223-9c06-9a893d9322b6 */
public String getNumero() {
    // TODO: implement
    return null;
}

/** @pdOid 24fab73d-2ee0-444a-9724-f737d28d6ec4 */
public String getCEP() {
    // TODO: implement
    return null;
}

/** @pdOid fe8b5425-d08b-43d1-b862-af2747399689 */
public String getEstado() {
    // TODO: implement
    return null;
}
```

```

/** @pdOid 91554643-0e10-453c-b279-79f82e58ad7c */
public String getCidade() {
    // TODO: implement
    return null;
}

/** @pdOid 94813cd5-26ee-492c-85ed-8a9edb792194 */
public String getBairro() {
    // TODO: implement
    return null;
}
}

```

IV.1.1.11.2 Header of class ClienteBD

```

/*****
* Module: ClienteBD.java
* Author: Alyson
* Purpose: Defines the Class ClienteBD
*****/

```

IV.1.1.11.3 Imports of class ClienteBD

```
import java.util.*;
```

IV.1.1.11.4 Attribute vendedorBD of the class ClienteBD

IV.1.1.11.5 Operation ClienteBD of the class ClienteBD

IV.1.1.11.5.1 Body of the operation ClienteBD of the class ClienteBD

```

{
    // TODO: implement
}

```

IV.1.1.11.5.2 Template body of the operation ClienteBD of the class ClienteBD

```
%DefaultBody%
```

IV.1.1.11.6 Operation onUpgrade of the class ClienteBD

IV.1.1.11.6.1 Body of the operation onUpgrade of the class ClienteBD

```

{
    // TODO: implement
}

```

IV.1.1.11.6.2 Template body of the operation onUpgrade of the class ClienteBD

```
%DefaultBody%
```

IV.1.1.11.7 Operation salvar of the class ClienteBD

IV.1.1.11.7.1 Body of the operation salvar of the class ClienteBD

```

{
    // TODO: implement
}

```

```
    return false;
}
```

IV.1.1.11.7.2 Template body of the operation salvar of the class ClienteBD

%DefaultBody%

IV.1.1.11.8 *Operation atualizar of the class ClienteBD*

IV.1.1.11.8.1 Body of the operation atualizar of the class ClienteBD

```
{
    // TODO: implement
    return false;
}
```

IV.1.1.11.8.2 Template body of the operation atualizar of the class ClienteBD

%DefaultBody%

IV.1.1.11.9 *Operation deletar of the class ClienteBD*

IV.1.1.11.9.1 Body of the operation deletar of the class ClienteBD

```
{
    // TODO: implement
    return false;
}
```

IV.1.1.11.9.2 Template body of the operation deletar of the class ClienteBD

%DefaultBody%

IV.1.1.11.10 *Operation getCliente of the class ClienteBD*

IV.1.1.11.10.1 Body of the operation getCliente of the class ClienteBD

```
{
    // TODO: implement
    return null;
}
```

IV.1.1.11.10.2 Template body of the operation getCliente of the class ClienteBD

%DefaultBody%

IV.1.1.11.11 *Operation listarCliente of the class ClienteBD*

IV.1.1.11.11.1 Body of the operation listarCliente of the class ClienteBD

```
{
    // TODO: implement
    return null;
}
```

IV.1.1.11.11.2 Template body of the operation listarCliente of the class ClienteBD

%DefaultBody%

IV.1.1.11.12 *Operation buscarClientePorNome of the class ClienteBD*

IV.1.1.11.12.1 Body of the operation buscarClientePorNome of the class ClienteBD

```
{  
  // TODO: implement  
  return null;  
}
```

IV.1.1.11.12.2 Template body of the operation buscarClientePorNome of the class ClienteBD

%DefaultBody%

IV.1.1.11.13 Operation buscarTodosOsClientes of the class ClienteBD**IV.1.1.11.13.1 Body of the operation buscarTodosOsClientes of the class ClienteBD**

```
{  
  // TODO: implement  
  return null;  
}
```

IV.1.1.11.13.2 Template body of the operation buscarTodosOsClientes of the class ClienteBD

%DefaultBody%

IV.1.1.11.14 Operation getID of the class ClienteBD**IV.1.1.11.14.1 Body of the operation getID of the class ClienteBD**

```
{  
  // TODO: implement  
  return null;  
}
```

IV.1.1.11.14.2 Template body of the operation getID of the class ClienteBD

%DefaultBody%

IV.1.1.11.15 Operation getNome of the class ClienteBD**IV.1.1.11.15.1 Body of the operation getNome of the class ClienteBD**

```
{  
  // TODO: implement  
  return null;  
}
```

IV.1.1.11.15.2 Template body of the operation getNome of the class ClienteBD

%DefaultBody%

IV.1.1.11.16 Operation getTelefone of the class ClienteBD**IV.1.1.11.16.1 Body of the operation getTelefone of the class ClienteBD**

```
{  
  // TODO: implement  
  return null;  
}
```

IV.1.1.11.16.2 Template body of the operation getTelefone of the class ClienteBD

%DefaultBody%

IV.1.1.11.17 Operation getRG of the class ClienteBD

IV.1.1.11.17.1 Body of the operation getRG of the class ClienteBD

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.11.17.2 Template body of the operation getRG of the class ClienteBD

%DefaultBody%

IV.1.1.11.18 Operation getCPF of the class ClienteBD

IV.1.1.11.18.1 Body of the operation getCPF of the class ClienteBD

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.11.18.2 Template body of the operation getCPF of the class ClienteBD

%DefaultBody%

IV.1.1.11.19 Operation getRua of the class ClienteBD

IV.1.1.11.19.1 Body of the operation getRua of the class ClienteBD

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.11.19.2 Template body of the operation getRua of the class ClienteBD

%DefaultBody%

IV.1.1.11.20 Operation getNumero of the class ClienteBD

IV.1.1.11.20.1 Body of the operation getNumero of the class ClienteBD

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.11.20.2 Template body of the operation getNumero of the class ClienteBD

%DefaultBody%

IV.1.1.11.21 Operation getCEP of the class ClienteBD

IV.1.1.11.21.1 Body of the operation getCEP of the class ClienteBD

```
{  
    // TODO: implement
```

```

    return null;
}

```

IV.1.1.11.21.2 Template body of the operation getCEP of the class ClienteBD

%DefaultBody%

IV.1.1.11.22 Operation getEstado of the class ClienteBD

IV.1.1.11.22.1 Body of the operation getEstado of the class ClienteBD

```

{
    // TODO: implement
    return null;
}

```

IV.1.1.11.22.2 Template body of the operation getEstado of the class ClienteBD

%DefaultBody%

IV.1.1.11.23 Operation getCidade of the class ClienteBD

IV.1.1.11.23.1 Body of the operation getCidade of the class ClienteBD

```

{
    // TODO: implement
    return null;
}

```

IV.1.1.11.23.2 Template body of the operation getCidade of the class ClienteBD

%DefaultBody%

IV.1.1.11.24 Operation getBairro of the class ClienteBD

IV.1.1.11.24.1 Body of the operation getBairro of the class ClienteBD

```

{
    // TODO: implement
    return null;
}

```

IV.1.1.11.24.2 Template body of the operation getBairro of the class ClienteBD

%DefaultBody%

IV.1.1.12 Class ClienteBDFactory

IV.1.1.12.1 Code preview of class ClienteBDFactory

```

/*****
 * Module: ClienteBDFactory.java
 * Author: Alyson
 * Purpose: Defines the Class ClienteBDFactory
 *****/

import java.util.*;

/** @pdOid 3bc3c65a-d406-4a11-a1ab-6a5f41114b0c */

```

```

public class ClienteBDFactory {
    /** @pdOid f5e47201-035a-4f9b-bbee-227a4bbec5db */
    private ClienteBD clienteBD;

    /** @pdOid 08d100f4-2e8c-49cf-a54c-c3ff04dd0800 */
    public ClienteBD getClienteBD() {
        // TODO: implement
        return null;
    }
}

```

IV.1.1.12.2 Header of class ClienteBDFactory

```

/*****
 * Module: ClienteBDFactory.java
 * Author: Alyson
 * Purpose: Defines the Class ClienteBDFactory
 *****/

```

IV.1.1.12.3 Imports of class ClienteBDFactory

```

import java.util.*;

```

IV.1.1.12.4 Attribute clienteBD of the class ClienteBDFactory

IV.1.1.12.5 Operation getClienteBD of the class ClienteBDFactory

IV.1.1.12.5.1 Body of the operation getClienteBD of the class ClienteBDFactory

```

{
    // TODO: implement
    return null;
}

```

IV.1.1.12.5.2 Template body of the operation getClienteBD of the class ClienteBDFactory

```

%DefaultBody%

```

IV.1.1.13 Class ClienteDAO

IV.1.1.13.1 Code preview of class ClienteDAO

```

/*****
 * Module: ClienteDAO.java
 * Author: Alyson
 * Purpose: Defines the Class ClienteDAO
 *****/

```

```

import java.util.*;

```

```

/** @pdOid 122770e8-6beb-49fa-8061-35b94812608e */
public class ClienteDAO {
    /** @pdOid 95bcc1ae-8b06-4ca7-a892-30435f1d4cdc */
    private String tabelaCliente;
    /** @pdOid e9d580de-967a-419f-bc84-0e3322508997 */
    private String id;

```

```
/** @pdOid 36fbf234-43a3-41fd-a444-ab6a3a96e691 */
private String nome;
/** @pdOid eabe80d0-b26d-49f6-98cd-5dfd529dabd8 */
private String telefone;
/** @pdOid 6f88da7b-1622-4e0b-ac89-402435ba3341 */
private String rg;
/** @pdOid ce350ae5-8e5c-4825-a522-ff621fff361a */
private String cpf;
/** @pdOid 933e5e6f-d4ad-4915-b578-4341c1399e89 */
private String rua;
/** @pdOid 46f89917-aa37-43c7-8b1c-eda628c92f5e */
private String numero;
/** @pdOid 47c78883-74f1-48bb-82ef-426095a79f40 */
private String cep;
/** @pdOid ee0db3b4-caae-4ee5-98f1-a1658364424f */
private String bairro;
/** @pdOid 1e9541d4-f776-418c-9512-d74ce968c508 */
private String cidade;
/** @pdOid f029c090-ee33-4d37-ba12-46cb47a3c60f */
private String estado;

/** @pdOid aec4bb69-46ae-4c2d-8c27-1fb1cbef3f08 */
public boolean salvar() {
    // TODO: implement
    return false;
}

/** @pdOid 4931007b-4e01-42fd-9dd9-30bc702baf7d */
public boolean atualizar() {
    // TODO: implement
    return false;
}

/** @pdOid d3bac18f-0f74-40ab-b94d-d1832eda2655 */
public boolean deletar() {
    // TODO: implement
    return false;
}

/** @pdOid ce61ab88-e744-421e-95a8-c759a3e93d7f */
public Cliente getCliente() {
    // TODO: implement
    return null;
}

/** @pdOid 7f125c7b-d9ed-406d-a56c-77abe7711b4f */
public List<Cliente> listarCliente() {
    // TODO: implement
    return null;
}

/** @pdOid c73cb540-b051-4604-9c03-b3558b78a9ec */
public Cliente buscarClientePorNome() {
    // TODO: implement
    return null;
}
```



```
/** @pdOid bf517078-bb1f-4023-a369-466af1204bd4 */
public Cursor buscarTodosOsClientes() {
    // TODO: implement
    return null;
}

/** @pdOid be1e7f60-b348-4caf-9beb-f49362733b9f */
public String getID() {
    // TODO: implement
    return null;
}

/** @pdOid 40700e1f-3acc-4413-9a3f-81ac79de75fc */
public String getNome() {
    // TODO: implement
    return null;
}

/** @pdOid 1b805944-7317-4f52-8fb1-117a7f980ef3 */
public String getTelefone() {
    // TODO: implement
    return null;
}

/** @pdOid 7e8deb9b-91de-4ef9-9aa6-6cb2c1a73ed2 */
public String getRG() {
    // TODO: implement
    return null;
}

/** @pdOid 7d52fe2a-9d8b-4be5-b9ba-120153fcfd17 */
public String getCPF() {
    // TODO: implement
    return null;
}

/** @pdOid 4febff86-75f7-47dd-8942-cdb17870baba */
public String getRua() {
    // TODO: implement
    return null;
}

/** @pdOid 963e178c-f481-4068-9f4e-89ae07fd34df */
public String getNumero() {
    // TODO: implement
    return null;
}

/** @pdOid 7109d22f-54b3-47ca-8590-211e34cadbe1 */
public String getCEP() {
    // TODO: implement
    return null;
}

/** @pdOid 55894f32-48f2-4b11-8d39-13f7717b39e4 */
```

```

public String getEstado() {
    // TODO: implement
    return null;
}

/** @pdOid 17597b23-b2b3-4f09-9c32-afc6c9476547 */
public String getCidade() {
    // TODO: implement
    return null;
}

/** @pdOid e817ae75-0105-40fc-bd32-56b26ca34ca4 */
public String getBairro() {
    // TODO: implement
    return null;
}
}

```

IV.1.1.13.2 Header of class ClienteDAO

```

/*****
* Module: ClienteDAO.java
* Author: Alyson
* Purpose: Defines the Class ClienteDAO
*****/

```

IV.1.1.13.3 Imports of class ClienteDAO

```
import java.util.*;
```

IV.1.1.13.4 Attribute tabelaCliente of the class ClienteDAO

IV.1.1.13.5 Attribute id of the class ClienteDAO

IV.1.1.13.6 Attribute nome of the class ClienteDAO

IV.1.1.13.7 Attribute telefone of the class ClienteDAO

IV.1.1.13.8 Attribute rg of the class ClienteDAO

IV.1.1.13.9 Attribute cpf of the class ClienteDAO

IV.1.1.13.10 Attribute rua of the class ClienteDAO

IV.1.1.13.11 Attribute numero of the class ClienteDAO

IV.1.1.13.12 Attribute cep of the class ClienteDAO

IV.1.1.13.13 Attribute bairro of the class ClienteDAO

IV.1.1.13.14 Attribute cidade of the class ClienteDAO

IV.1.1.13.15 Attribute estado of the class ClienteDAO***IV.1.1.13.16 Operation salvar of the class ClienteDAO*****IV.1.1.13.16.1 Body of the operation salvar of the class ClienteDAO**

```
{  
    // TODO: implement  
    return false;  
}
```

IV.1.1.13.16.2 Template body of the operation salvar of the class ClienteDAO

%DefaultBody%

IV.1.1.13.17 Operation atualizar of the class ClienteDAO**IV.1.1.13.17.1 Body of the operation atualizar of the class ClienteDAO**

```
{  
    // TODO: implement  
    return false;  
}
```

IV.1.1.13.17.2 Template body of the operation atualizar of the class ClienteDAO

%DefaultBody%

IV.1.1.13.18 Operation deletar of the class ClienteDAO**IV.1.1.13.18.1 Body of the operation deletar of the class ClienteDAO**

```
{  
    // TODO: implement  
    return false;  
}
```

IV.1.1.13.18.2 Template body of the operation deletar of the class ClienteDAO

%DefaultBody%

IV.1.1.13.19 Operation getCliente of the class ClienteDAO**IV.1.1.13.19.1 Body of the operation getCliente of the class ClienteDAO**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.13.19.2 Template body of the operation getCliente of the class ClienteDAO

%DefaultBody%

IV.1.1.13.20 Operation listarCliente of the class ClienteDAO**IV.1.1.13.20.1 Body of the operation listarCliente of the class ClienteDAO**

```
{
```

```
// TODO: implement
return null;
}
```

IV.1.1.13.20.2 Template body of the operation `listarCliente` of the class `ClienteDAO`

%DefaultBody%

IV.1.1.13.21 Operation *buscarClientePorNome* of the class *ClienteDAO*

IV.1.1.13.21.1 Body of the operation `buscarClientePorNome` of the class `ClienteDAO`

```
{
// TODO: implement
return null;
}
```

IV.1.1.13.21.2 Template body of the operation `buscarClientePorNome` of the class `ClienteDAO`

%DefaultBody%

IV.1.1.13.22 Operation *buscarTodosOsClientes* of the class *ClienteDAO*

IV.1.1.13.22.1 Body of the operation `buscarTodosOsClientes` of the class `ClienteDAO`

```
{
// TODO: implement
return null;
}
```

IV.1.1.13.22.2 Template body of the operation `buscarTodosOsClientes` of the class `ClienteDAO`

%DefaultBody%

IV.1.1.13.23 Operation *getID* of the class *ClienteDAO*

IV.1.1.13.23.1 Body of the operation `getID` of the class `ClienteDAO`

```
{
// TODO: implement
return null;
}
```

IV.1.1.13.23.2 Template body of the operation `getID` of the class `ClienteDAO`

%DefaultBody%

IV.1.1.13.24 Operation *getNome* of the class *ClienteDAO*

IV.1.1.13.24.1 Body of the operation `getNome` of the class `ClienteDAO`

```
{
// TODO: implement
return null;
}
```

IV.1.1.13.24.2 Template body of the operation `getNome` of the class `ClienteDAO`

%DefaultBody%

IV.1.1.13.25 Operation getTelefone of the class ClienteDAO

IV.1.1.13.25.1 Body of the operation getTelefone of the class ClienteDAO

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.13.25.2 Template body of the operation getTelefone of the class ClienteDAO

%DefaultBody%

IV.1.1.13.26 Operation getRG of the class ClienteDAO

IV.1.1.13.26.1 Body of the operation getRG of the class ClienteDAO

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.13.26.2 Template body of the operation getRG of the class ClienteDAO

%DefaultBody%

IV.1.1.13.27 Operation getCPF of the class ClienteDAO

IV.1.1.13.27.1 Body of the operation getCPF of the class ClienteDAO

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.13.27.2 Template body of the operation getCPF of the class ClienteDAO

%DefaultBody%

IV.1.1.13.28 Operation getRua of the class ClienteDAO

IV.1.1.13.28.1 Body of the operation getRua of the class ClienteDAO

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.13.28.2 Template body of the operation getRua of the class ClienteDAO

%DefaultBody%

IV.1.1.13.29 Operation getNumero of the class ClienteDAO

IV.1.1.13.29.1 Body of the operation getNumero of the class ClienteDAO

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.13.29.2 Template body of the operation getNumero of the class ClienteDAO

%DefaultBody%

IV.1.1.13.30 Operation getCEP of the class ClienteDAO**IV.1.1.13.30.1 Body of the operation getCEP of the class ClienteDAO**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.13.30.2 Template body of the operation getCEP of the class ClienteDAO

%DefaultBody%

IV.1.1.13.31 Operation getEstado of the class ClienteDAO**IV.1.1.13.31.1 Body of the operation getEstado of the class ClienteDAO**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.13.31.2 Template body of the operation getEstado of the class ClienteDAO

%DefaultBody%

IV.1.1.13.32 Operation getCidade of the class ClienteDAO**IV.1.1.13.32.1 Body of the operation getCidade of the class ClienteDAO**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.13.32.2 Template body of the operation getCidade of the class ClienteDAO

%DefaultBody%

IV.1.1.13.33 Operation getBairro of the class ClienteDAO**IV.1.1.13.33.1 Body of the operation getBairro of the class ClienteDAO**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.13.33.2 Template body of the operation getBairro of the class ClienteDAO

%DefaultBody%

IV.1.1.14 Class FazerLogin***IV.1.1.14.1 Code preview of class FazerLogin***

```

/*****
* Module: FazerLogin.java
* Author: Alyson
* Purpose: Defines the Class FazerLogin
*****/

import java.util.*;

/** Essa classe efetua o login no sistema.
 * e o cadastro dos logins no sistema.
 *
 * @pdOid 33b5e03f-9f55-4c75-b43d-c198f7b821b7 */
public class FazerLogin {
    /** @pdOid da3cc25f-2553-4628-94d3-4b302f97e70f */
    public void fazerLogin() {
        // TODO: Efetua o login no sistema
    }

    /** @pdOid 9b964ee5-8c2b-4cc8-8f36-9a67939817b5 */
    public void cadastrar() {
        // TODO: Efetua o cadastro de todos os login sistema
    }
}

```

IV.1.1.14.2 Header of class FazerLogin

```

/*****
* Module: FazerLogin.java
* Author: Alyson
* Purpose: Defines the Class FazerLogin
*****/

```

IV.1.1.14.3 Imports of class FazerLogin

```
import java.util.*;
```

IV.1.1.14.4 Operation fazerLogin of the class FazerLogin

IV.1.1.14.4.1 Body of the operation fazerLogin of the class FazerLogin

```

{
    // TODO: Efetua o login no sistema
}

```

IV.1.1.14.4.2 Template body of the operation fazerLogin of the class FazerLogin

```

{
    // TODO: Efetua o login no sistema
}

```

IV.1.1.14.5 Operation cadastrar of the class FazerLogin

IV.1.1.14.5.1 Body of the operation cadastrar of the class FazerLogin

```
{
```

```
// TODO: Efetua o cadastro de todos os login sistema
}
```

IV.1.1.14.5.2 Template body of the operation cadastrar of the class FazerLogin

```
{
// TODO: Efetua o cadastro de todos os login sistema
}
```

IV.1.1.15 Class GerenciarClienteActivity

IV.1.1.15.1 Description of class GerenciarClienteActivity

O metodo casdastrar() invoca a janela de cadastro de cliente

O metodo `atualizarCliente()` invoca a janela de atualização do cliente.

O metodo `buscarCliente()` invoca a janela de busca de cliente.

O metodo `excluirCliente()` invoca a janela de busca de cliente.

IV.1.1.15.2 Code preview of class GerenciarClienteActivity

```
/**
 * Module: GerenciarClienteActivity.java
 * Author: Alyson
 * Purpose: Defines the Class GerenciarClienteActivity
 */
```

```
import java.util.*;
```

```
/** Essa classe extends uma activity
 *
 * @pdOid 730be20a-0c71-4bc5-926f-d807844c3177 */
public class GerenciarClienteActivity {
    /** @pdOid 0c4b2082-f04e-4c1d-87c8-decd6ba1cf6b */
    public void casdastrar() {
        // TODO: implement
    }

    /** @pdOid 22f73bce-0d69-47a0-bf53-3642c0449fde */
    public void atualizarCLiente() {
        // TODO: implement
    }

    /** @pdOid 4d7b4123-0acc-4b20-b6c1-3acd7a95e005 */
    public void buscarCLiente() {
        // TODO: implement
    }

    /** @pdOid 06813b34-b81b-4228-85cf-233e457d5215 */
    public void excluirCLiente() {
        // TODO: implement
    }
}
```



```
}
```

IV.1.1.15.3 Header of class GerenciarClienteActivity

```

/*****
* Module: GerenciarClienteActivity.java
* Author: Alyson
* Purpose: Defines the Class GerenciarClienteActivity
*****/

```

IV.1.1.15.4 Imports of class GerenciarClienteActivity

```
import java.util.*;
```

IV.1.1.15.5 Operation casdastrar of the class GerenciarClienteActivity

IV.1.1.15.5.1 Body of the operation casdastrar of the class GerenciarClienteActivity

```

{
    // TODO: implement
}

```

IV.1.1.15.5.2 Template body of the operation casdastrar of the class GerenciarClienteActivity

```
%DefaultBody%
```

IV.1.1.15.6 Operation atualizarCLiente of the class GerenciarClienteActivity

IV.1.1.15.6.1 Body of the operation atualizarCLiente of the class GerenciarClienteActivity

```

{
    // TODO: implement
}

```

IV.1.1.15.6.2 Template body of the operation atualizarCLiente of the class GerenciarClienteActivity

```
%DefaultBody%
```

IV.1.1.15.7 Operation buscarCLiente of the class GerenciarClienteActivity

IV.1.1.15.7.1 Body of the operation buscarCLiente of the class GerenciarClienteActivity

```

{
    // TODO: implement
}

```

IV.1.1.15.7.2 Template body of the operation buscarCLiente of the class GerenciarClienteActivity

```
%DefaultBody%
```

IV.1.1.15.8 Operation excluirCLiente of the class GerenciarClienteActivity

IV.1.1.15.8.1 Body of the operation excluirCLiente of the class GerenciarClienteActivity

```

{
    // TODO: implement
}

```

IV.1.1.15.8.2 Template body of the operation excluirCLiente of the class GerenciarClienteActivity

%DefaultBody%

IV.1.1.16 Class HttpUtils

IV.1.1.16.1 Description of class HttpUtils

O metodo URLContent()

Recebe como parametro, um string de indereço, para enviar uma requisição via HttpGet para o servidor, ele retorna a requisição via get, e o cabeçalho retornado pelo servidor.

O metodo urlContentPost()

Recebe como parametro, um String contendo o endereco, e os parametros dos valores.

Retorna a reposta do servidor

IV.1.1.16.2 Code preview of class HttpUtils

```

/*****
 * Module: HttpUtils.java
 * Author: Alyson
 * Purpose: Defines the Class HttpUtils
 *****/

import java.util.*;

/** Essa classe faz comunicação via http com o servidor, através do JSON
 *
 * @pdOid 87e3d238-56c8-4391-9649-44e19d0c8816 */
public class HttpUtils {
    /** @pdOid 2e937dbf-baa7-4a61-b11d-0e91497eada6 */
    private HttpClient client;
    /** @pdOid c495b7c0-9366-4e12-9ee6-e24a30011cba */
    private HttpGet httpGet;
    /** @pdOid c4a9bd02-16c1-49c4-95db-eab5f09aa81a */
    private ResponseHandler<String> handler;

    /** @pdOid 18f2a367-5ebc-4ead-9b63-e8a8c7247d90 */
    public String urlContent() {
        // TODO: implement
        return null;
    }

    /** @pdOid 2757fa83-e92d-4a6b-8d6c-35079cfa0b14 */
    public String urlContentPost() {
        // TODO: implement
        return null;
    }
}

```

IV.1.1.16.3 Header of class HttpUtils

```

/*****
 * Module: HttpUtils.java
 * Author: Alyson
 * Purpose: Defines the Class HttpUtils
 *****/

```

IV.1.1.16.4 Imports of class HttpUtils

```
import java.util.*;
```

IV.1.1.16.5 Attribute client of the class HttpUtils**IV.1.1.16.6 Attribute httpGet of the class HttpUtils****IV.1.1.16.7 Attribute handler of the class HttpUtils****IV.1.1.16.8 Operation urlContent of the class HttpUtils****IV.1.1.16.8.1 Body of the operation urlContent of the class HttpUtils**

```
{
    // TODO: implement
    return null;
}
```

IV.1.1.16.8.2 Template body of the operation urlContent of the class HttpUtils

```
%DefaultBody%
```

IV.1.1.16.9 Operation urlContentPost of the class HttpUtils**IV.1.1.16.9.1 Body of the operation urlContentPost of the class HttpUtils**

```
{
    // TODO: implement
    return null;
}
```

IV.1.1.16.9.2 Template body of the operation urlContentPost of the class HttpUtils

```
%DefaultBody%
```

IV.1.1.17 Class LoginActivity**IV.1.1.17.1 Code preview of class LoginActivity**

```
/**
 * Module: LoginActivity.java
 * Author: Alyson
 * Purpose: Defines the Class LoginActivity
 */
```

```
import java.util.*;
```

```
/** @pdOid 7eac236c-ed24-46ea-a2be-b06741d1451a */
public class LoginActivity {
    /** @pdOid bcfdd0a8-9ffa-4be2-98f8-e2dd531027a4 */
    public void entrarNoSistema() {
        // TODO: implement
    }
}
```

```
/** @pdOid 79df1e6a-3761-4146-b39e-dbfaaf9b790f */
public void mostrarError() {
```

```

    // TODO: implement
}

/** @pdId 7c0cc795-f2a6-4f59-ac25-45bd672185e3 */
public void cadastrarVendedor() {
    // TODO: implement
}

}

```

IV.1.1.17.2 Header of class LoginActivity

```

/*****
* Module: LoginActivity.java
* Author: Alyson
* Purpose: Defines the Class LoginActivity
*****/

```

IV.1.1.17.3 Imports of class LoginActivity

```
import java.util.*;
```

IV.1.1.17.4 Operation EntrarNoSistema of the class LoginActivity

IV.1.1.17.4.1 Body of the operation EntrarNoSistema of the class LoginActivity

```

{
    // TODO: implement
}

```

IV.1.1.17.4.2 Template body of the operation EntrarNoSistema of the class LoginActivity

```
%DefaultBody%
```

IV.1.1.17.5 Operation mostrarError of the class LoginActivity

IV.1.1.17.5.1 Body of the operation mostrarError of the class LoginActivity

```

{
    // TODO: implement
}

```

IV.1.1.17.5.2 Template body of the operation mostrarError of the class LoginActivity

```
%DefaultBody%
```

IV.1.1.17.6 Operation CadastrarVendedor of the class LoginActivity

IV.1.1.17.6.1 Body of the operation CadastrarVendedor of the class LoginActivity

```

{
    // TODO: implement
}

```

IV.1.1.17.6.2 Template body of the operation CadastrarVendedor of the class LoginActivity

```
%DefaultBody%
```

IV.1.1.18 Class Mensagens

IV.1.1.18.1 Code preview of class Mensagens

```

/*****
 * Module: Mensagens.java
 * Author: Alyson
 * Purpose: Defines the Class Mensagens
 *****/

```

```

import java.util.*;

/** @pdOid d97b2676-05f2-41b7-bd08-6dea4165db81 */
public class Mensagens {
    /** @pdOid c55cbc38-8d0f-4ba6-b4aa-6b87657f44fa */
    public String campoNomeVendedorVazio;
    /** @pdOid 75bdd94c-d84c-4795-88f1-272c5283a8a9 */
    public String campoTelefoneVendedorVazio;
    /** @pdOid 0c1274cb-4ba3-4d1f-9238-71f48fb17e7b */
    public String campoRGVendedorVazio;
    /** @pdOid 31ed88e9-8b91-4b30-a994-6e883f598775 */
    public String campoCPFVendedorVazio;
    /** @pdOid 62e2f0b0-9545-4e9a-84c9-f6537dacb52f */
    public String campoLoginVendedorVazio;
    /** @pdOid 08a2662e-046c-461a-9102-420bae403db8 */
    public String campoSenhaVendedorVazio;
    /** @pdOid ef86ac49-c1ad-41b7-8db2-64dbefda5856 */
    public String campoRuaVendedorVazio;
    /** @pdOid d1ca5253-5399-4c5b-8eb3-73c7a4b44bf8 */
    public String campoNumeroVendedorVazio;
    /** @pdOid 1da6d89e-f504-4064-bdee-fbdc6b40283b */
    public String campoCEPVendedorVazio;
}

```

IV.1.1.18.2 Header of class Mensagens

```

/*****
 * Module: Mensagens.java
 * Author: Alyson
 * Purpose: Defines the Class Mensagens
 *****/

```

IV.1.1.18.3 Imports of class Mensagens

```

import java.util.*;

```

IV.1.1.18.4 Attribute campoNomeVendedorVazio of the class Mensagens

IV.1.1.18.5 Attribute campoTelefoneVendedorVazio of the class Mensagens

IV.1.1.18.6 Attribute campoRGVendedorVazio of the class Mensagens

IV.1.1.18.7 Attribute campoCPFVendedorVazio of the class Mensagens

IV.1.1.18.8 Attribute campoLoginVendedorVazio of the class Mensagens

IV.1.1.18.9 Attribute campoSenhaVendedorVazio of the class Mensagens

IV.1.1.18.10 Attribute campoRuaVendedorVazio of the class Mensagens

IV.1.1.18.11 Attribute campoNumeroVendedorVazio of the class Mensagens

IV.1.1.18.12 Attribute campoCEPVendedorVazio of the class Mensagens

IV.1.1.19 Class MenuPrincipalActivity

IV.1.1.19.1 Code preview of class MenuPrincipalActivity

```
/**
 * Module: MenuPrincipalActivity.java
 * Author: Alyson
 * Purpose: Defines the Class MenuPrincipalActivity
 */
```

```
import java.util.*;
```

```
/** @pdOid 61852eb4-7b4f-48f5-8a03-9f596382117b */
public class MenuPrincipalActivity {
    /** @pdOid 05e87b9f-adad-47d9-b3e3-101525bfe959 */
    public List<String> gerenciarCliente() {
        // TODO: implement
        return null;
    }

    /** @pdOid 371cda70-3049-4145-9c72-169e44758f47 */
    public int gerenciarVendedor() {
        // TODO: implement
        return 0;
    }

    /** @pdOid 23ccab97-36fa-4602-9629-b9140c10a433 */
    public int gerenciarProduto() {
        // TODO: implement
        return 0;
    }

    /** @pdOid 144064b0-2480-4172-9881-0838e0ef6be9 */
    public int gerenciarContas() {
        // TODO: implement
        return 0;
    }

    /** @pdOid 144fcafa-504c-4ff8-b292-edf6352fab24 */
    public int gerenciarVendas() {
        // TODO: implement
        return 0;
    }
}
```

```

/** @pdOid ea269aca-29e7-46c7-83aa-e05e81ecbfa1 */
public int configuracoes() {
    // TODO: implement
    return 0;
}
}

```

IV.1.1.19.2 Header of class MenuPrincipalActivity

```

/*****
 * Module: MenuPrincipalActivity.java
 * Author: Alyson
 * Purpose: Defines the Class MenuPrincipalActivity
 *****/

```

IV.1.1.19.3 Imports of class MenuPrincipalActivity

```
import java.util.*;
```

IV.1.1.19.4 Operation GerenciarCliente of the class MenuPrincipalActivity

IV.1.1.19.4.1 Body of the operation GerenciarCliente of the class MenuPrincipalActivity

```

{
    // TODO: implement
    return null;
}

```

IV.1.1.19.4.2 Template body of the operation GerenciarCliente of the class MenuPrincipalActivity

```
%DefaultBody%
```

IV.1.1.19.5 Operation GerenciarVendedor of the class MenuPrincipalActivity

IV.1.1.19.5.1 Body of the operation GerenciarVendedor of the class MenuPrincipalActivity

```

{
    // TODO: implement
    return 0;
}

```

IV.1.1.19.5.2 Template body of the operation GerenciarVendedor of the class MenuPrincipalActivity

```
%DefaultBody%
```

IV.1.1.19.6 Operation GerenciarProduto of the class MenuPrincipalActivity

IV.1.1.19.6.1 Body of the operation GerenciarProduto of the class MenuPrincipalActivity

```

{
    // TODO: implement
    return 0;
}

```

IV.1.1.19.6.2 Template body of the operation GerenciarProduto of the class MenuPrincipalActivity

```
%DefaultBody%
```

IV.1.1.19.7 Operation GerenciarContas of the class MenuPrincipalActivity

IV.1.1.19.7.1 Body of the operation GerenciarContas of the class MenuPrincipalActivity

```
{
    // TODO: implement
    return 0;
}
```

IV.1.1.19.7.2 Template body of the operation GerenciarContas of the class MenuPrincipalActivity

%DefaultBody%

IV.1.1.19.8 Operation GerenciarVendas of the class MenuPrincipalActivity

IV.1.1.19.8.1 Body of the operation GerenciarVendas of the class MenuPrincipalActivity

```
{
    // TODO: implement
    return 0;
}
```

IV.1.1.19.8.2 Template body of the operation GerenciarVendas of the class MenuPrincipalActivity

%DefaultBody%

IV.1.1.19.9 Operation Configuracoes of the class MenuPrincipalActivity

IV.1.1.19.9.1 Body of the operation Configuracoes of the class MenuPrincipalActivity

```
{
    // TODO: implement
    return 0;
}
```

IV.1.1.19.9.2 Template body of the operation Configuracoes of the class MenuPrincipalActivity

%DefaultBody%

IV.1.1.20 Class OperacaoCrud

IV.1.1.20.1 Code preview of class OperacaoCrud

```
/**
 * Module: OperacaoCrud.java
 * Author: Alyson
 * Purpose: Defines the Class OperacaoCrud
 */
```

```
import java.util.*;
```

```
/** Essa interface, intermedia os metodos OperacaoCrud() e o
 * getInputMap()
 *
 * @pdOid d5ff640c-770c-48e4-9416-1a675d829749 */
public class OperacaoCrud {
    /** @pdOid 18e98c18-7f80-4324-80ce-786f7eceda8f */
    public operacaoCrud() {
        // TODO: implement
    }
}
```



```

    }

    /** @pdOid ab284ed5-51ec-462a-8dbc-d642a238004d */
    public Map<String, Integer> getInputMap() {
        // TODO: implement
        return null;
    }
}

```

IV.1.1.20.2 Header of class OperacaoCrud

```

/*****
* Module: OperacaoCrud.java
* Author: Alyson
* Purpose: Defines the Class OperacaoCrud
*****/

```

IV.1.1.20.3 Imports of class OperacaoCrud

```
import java.util.*;
```

IV.1.1.20.4 Operation OperacaoCrud of the class OperacaoCrud

IV.1.1.20.4.1 Body of the operation OperacaoCrud of the class OperacaoCrud

```

{
    // TODO: implement
}

```

IV.1.1.20.4.2 Template body of the operation OperacaoCrud of the class OperacaoCrud

```
%DefaultBody%
```

IV.1.1.20.5 Operation getInputMap of the class OperacaoCrud

IV.1.1.20.5.1 Body of the operation getInputMap of the class OperacaoCrud

```

{
    // TODO: implement
    return null;
}

```

IV.1.1.20.5.2 Template body of the operation getInputMap of the class OperacaoCrud

```
%DefaultBody%
```

IV.1.1.20.6 Class SpinnerUfInfo

IV.1.1.20.6.1 Header of class SpinnerUfInfo

```

/*****
* Module:
* Author: Alyson
* Purpose: Defines the Class SpinnerUfInfo
*****/

```

IV.1.1.20.6.2 Imports of class SpinnerUfInfo

```
import java.util.*;
```

IV.1.1.21 Class UtilsCliente

IV.1.1.21.1 Description of class UtilsCliente

O metodo `getTelefoneList()` retorna a lista contendo todos os telefones.

IV.1.1.21.2 Code preview of class UtilsCliente

```

/*****
 * Module: UtilsCliente.java
 * Author: Alyson
 * Purpose: Defines the Class UtilsCliente
 *****/

```

```
import java.util.*;
```

```

/** @pdOid ad6a3078-fd63-480e-a1d5-4d8940f16043 */
public class UtilsCliente {
    /** @pdOid c6ec9760-eb0b-4243-ace4-c599ad8b7cb3 */
    public List<String> getTelefoneList() {
        // TODO: implement
        return null;
    }
}

```

IV.1.1.21.3 Header of class UtilsCliente

```

/*****
 * Module: UtilsCliente.java
 * Author: Alyson
 * Purpose: Defines the Class UtilsCliente
 *****/

```

IV.1.1.21.4 Imports of class UtilsCliente

```
import java.util.*;
```

IV.1.1.21.5 Operation getTelefoneList of the class UtilsCliente

IV.1.1.21.5.1 Body of the operation getTelefoneList of the class UtilsCliente

```

{
    // TODO: implement
    return null;
}

```

IV.1.1.21.5.2 Template body of the operation getTelefoneList of the class UtilsCliente

```
%DefaultBody%
```

IV.1.1.22 Class VendedorBD

IV.1.1.22.1 Code preview of class VendedorBD

```

/*****

```

```
* Module: VendedorBD.java
* Author: Alyson
* Purpose: Defines the Class VendedorBD
*****/
```

```
import java.util.*;

/** @pdOid 86e32a05-d723-4381-a12e-f6f08e96a873 */
public class VendedorBD {
    /** @pdOid b5894eb2-20bd-4361-9c28-ff3bee4748ff */
    public vendedorBD() {
        // TODO: implement
    }

    /** @pdOid d99ea196-786d-42b3-8db7-fbfb6fad00d6 */
    public Map<String, Integer> getInputMap() {
        // TODO: implement
        return null;
    }

    /** @pdOid 2ca5290c-e8d8-4849-83b4-46fe6994281d */
    public int createCliente() {
        // TODO: implement
        return 0;
    }

    /** @pdOid fdbc1e89-e966-4b10-b977-e871f797fe21 */
    public int onUpgrade() {
        // TODO: implement
        return 0;
    }

    /** @pdOid 7afe95ba-6a47-4743-a197-6b4c28042f27 */
    public boolean salvar() {
        // TODO: implement
        return false;
    }

    /** @pdOid b33f892d-95f6-4e0f-a8c5-ac5200f7cc6d */
    public boolean atualizar() {
        // TODO: implement
        return false;
    }

    /** @pdOid fb2b411d-6e6b-4227-8c37-196bc2ee5ccd */
    public boolean deletar() {
        // TODO: implement
        return false;
    }

    /** @pdOid 08b64c64-10d8-4382-af54-9a37707750be */
    public Vendedor getVendedor() {
        // TODO: implement
        return null;
    }
}
```

```
/** @pdOid cfc37513-30f3-430a-9975-788ac3ff69e4 */
public List<Vendedor> listarVendedor() {
    // TODO: implement
    return null;
}

/** @pdOid 0e947a78-5706-4552-b1f2-d5ebd041b88c */
public Vendedor buscarVendedorPorNome() {
    // TODO: implement
    return null;
}

/** @pdOid 943dfbbc-91bd-4387-a2e4-cb9e280e2e57 */
public Cursor buscarVendedorPorLoginSenha() {
    // TODO: implement
    return null;
}

/** @pdOid 90a1593d-8da9-4728-9c15-6d9fab1a6ccd */
public Cursor buscarTodosVendedores() {
    // TODO: implement
    return null;
}

/** @pdOid 17166f03-9a61-4a9c-b20d-8e5089b96f4b */
public Long getID() {
    // TODO: implement
    return null;
}

/** @pdOid 8b438d4c-388b-4bbd-bfde-1e0e3240f418 */
public String getNome() {
    // TODO: implement
    return null;
}

/** @pdOid 579fcf9f-9fe5-4336-9dfa-c6d82a0bd4e8 */
public String getTelefone() {
    // TODO: implement
    return null;
}

/** @pdOid 8ab0a717-18ba-4458-b70e-1eaf2831a874 */
public String getRG() {
    // TODO: implement
    return null;
}

/** @pdOid 15769bfc-5d94-434b-b8b1-e6b8a985b09a */
public String getCPF() {
    // TODO: implement
    return null;
}

/** @pdOid cfaa2fcf-279a-4cb8-9528-9a19d9470e8a */
public String getRua() {
```

```

    // TODO: implement
    return null;
}

/** @pdOid c38354e7-abae-4062-8f39-ad8eb773a6e3 */
public String getNumero() {
    // TODO: implement
    return null;
}

/** @pdOid 5ddfd262-5446-4eb7-9d3d-b947f3ef6584 */
public String getCEP() {
    // TODO: implement
    return null;
}

/** @pdOid 40f0b3c6-194a-4941-ac21-7641c55166ef */
public String getEstado() {
    // TODO: implement
    return null;
}

/** @pdOid 617b5039-38ea-48c4-8b09-3452cd723036 */
public String getCidade() {
    // TODO: implement
    return null;
}

/** @pdOid 0ebfbbf8-7212-4764-b1e0-e4ff56a69f91 */
public String getBairro() {
    // TODO: implement
    return null;
}

/** @pdOid 85e1c0ab-1510-46a1-8af6-4c2fff2e9d77 */
public String getLogin() {
    // TODO: implement
    return null;
}

/** @pdOid 525306e3-01e0-4389-8893-16c149084b3c */
public String getSenha() {
    // TODO: implement
    return null;
}
}

```

IV.1.1.22.2 Header of class VendedorBD

```

/*****
* Module: VendedorBD.java
* Author: Alyson
* Purpose: Defines the Class VendedorBD
*****/

```

IV.1.1.22.3 Imports of class VendedorBD

```
import java.util.*;
```

IV.1.1.22.4 Operation VendedorBD of the class VendedorBD**IV.1.1.22.4.1 Body of the operation VendedorBD of the class VendedorBD**

```
{  
    // TODO: implement  
}
```

IV.1.1.22.4.2 Template body of the operation VendedorBD of the class VendedorBD

```
%DefaultBody%
```

IV.1.1.22.5 Operation getInputMap of the class VendedorBD**IV.1.1.22.5.1 Body of the operation getInputMap of the class VendedorBD**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.22.5.2 Template body of the operation getInputMap of the class VendedorBD

```
%DefaultBody%
```

IV.1.1.22.6 Operation createCliente of the class VendedorBD**IV.1.1.22.6.1 Body of the operation createCliente of the class VendedorBD**

```
{  
    // TODO: implement  
    return 0;  
}
```

IV.1.1.22.6.2 Template body of the operation createCliente of the class VendedorBD

```
%DefaultBody%
```

IV.1.1.22.7 Operation onUpgrade of the class VendedorBD**IV.1.1.22.7.1 Body of the operation onUpgrade of the class VendedorBD**

```
{  
    // TODO: implement  
    return 0;  
}
```

IV.1.1.22.7.2 Template body of the operation onUpgrade of the class VendedorBD

```
%DefaultBody%
```

IV.1.1.22.8 Operation salvar of the class VendedorBD**IV.1.1.22.8.1 Body of the operation salvar of the class VendedorBD**

```
{
```

```
// TODO: implement
return false;
}
```

IV.1.1.22.8.2 Template body of the operation salvar of the class VendedorBD

%DefaultBody%

IV.1.1.22.9 *Operation atualizar of the class VendedorBD*

IV.1.1.22.9.1 Body of the operation atualizar of the class VendedorBD

```
{
// TODO: implement
return false;
}
```

IV.1.1.22.9.2 Template body of the operation atualizar of the class VendedorBD

%DefaultBody%

IV.1.1.22.10 *Operation deletar of the class VendedorBD*

IV.1.1.22.10.1 Body of the operation deletar of the class VendedorBD

```
{
// TODO: implement
return false;
}
```

IV.1.1.22.10.2 Template body of the operation deletar of the class VendedorBD

%DefaultBody%

IV.1.1.22.11 *Operation getVendedor of the class VendedorBD*

IV.1.1.22.11.1 Body of the operation getVendedor of the class VendedorBD

```
{
// TODO: implement
return null;
}
```

IV.1.1.22.11.2 Template body of the operation getVendedor of the class VendedorBD

%DefaultBody%

IV.1.1.22.12 *Operation listarVendedor of the class VendedorBD*

IV.1.1.22.12.1 Body of the operation listarVendedor of the class VendedorBD

```
{
// TODO: implement
return null;
}
```

IV.1.1.22.12.2 Template body of the operation listarVendedor of the class VendedorBD

%DefaultBody%

IV.1.1.22.13 Operation buscarVendedorPorNome of the class VendedorBD**IV.1.1.22.13.1 Body of the operation buscarVendedorPorNome of the class VendedorBD**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.22.13.2 Template body of the operation buscarVendedorPorNome of the class VendedorBD

%DefaultBody%

IV.1.1.22.14 Operation buscarVendedorPorLoginSenha of the class VendedorBD**IV.1.1.22.14.1 Body of the operation buscarVendedorPorLoginSenha of the class VendedorBD**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.22.14.2 Template body of the operation buscarVendedorPorLoginSenha of the class VendedorBD

%DefaultBody%

IV.1.1.22.15 Operation buscarTodosVendedores of the class VendedorBD**IV.1.1.22.15.1 Body of the operation buscarTodosVendedores of the class VendedorBD**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.22.15.2 Template body of the operation buscarTodosVendedores of the class VendedorBD

%DefaultBody%

IV.1.1.22.16 Operation getID of the class VendedorBD**IV.1.1.22.16.1 Body of the operation getID of the class VendedorBD**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.22.16.2 Template body of the operation getID of the class VendedorBD

%DefaultBody%

IV.1.1.22.17 Operation getNome of the class VendedorBD**IV.1.1.22.17.1 Body of the operation getNome of the class VendedorBD**

```
{  
    // TODO: implement  
    return null;  
}
```


IV.1.1.22.17.2 Template body of the operation getNome of the class VendedorBD

%DefaultBody%

IV.1.1.22.18 Operation getTelefone of the class VendedorBD**IV.1.1.22.18.1 Body of the operation getTelefone of the class VendedorBD**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.22.18.2 Template body of the operation getTelefone of the class VendedorBD

%DefaultBody%

IV.1.1.22.19 Operation getRG of the class VendedorBD**IV.1.1.22.19.1 Body of the operation getRG of the class VendedorBD**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.22.19.2 Template body of the operation getRG of the class VendedorBD

%DefaultBody%

IV.1.1.22.20 Operation getCPF of the class VendedorBD**IV.1.1.22.20.1 Body of the operation getCPF of the class VendedorBD**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.22.20.2 Template body of the operation getCPF of the class VendedorBD

%DefaultBody%

IV.1.1.22.21 Operation getRua of the class VendedorBD**IV.1.1.22.21.1 Body of the operation getRua of the class VendedorBD**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.22.21.2 Template body of the operation getRua of the class VendedorBD

%DefaultBody%

IV.1.1.22.22 Operation getNumero of the class VendedorBD**IV.1.1.22.22.1 Body of the operation getNumero of the class VendedorBD**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.22.22.2 Template body of the operation getNumero of the class VendedorBD

%DefaultBody%

IV.1.1.22.23 Operation getCEP of the class VendedorBD

IV.1.1.22.23.1 Body of the operation getCEP of the class VendedorBD

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.22.23.2 Template body of the operation getCEP of the class VendedorBD

%DefaultBody%

IV.1.1.22.24 Operation getEstado of the class VendedorBD

IV.1.1.22.24.1 Body of the operation getEstado of the class VendedorBD

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.22.24.2 Template body of the operation getEstado of the class VendedorBD

%DefaultBody%

IV.1.1.22.25 Operation getCidade of the class VendedorBD

IV.1.1.22.25.1 Body of the operation getCidade of the class VendedorBD

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.22.25.2 Template body of the operation getCidade of the class VendedorBD

%DefaultBody%

IV.1.1.22.26 Operation getBairro of the class VendedorBD

IV.1.1.22.26.1 Body of the operation getBairro of the class VendedorBD

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.22.26.2 Template body of the operation getBairro of the class VendedorBD

%DefaultBody%

IV.1.1.22.27 Operation getLogin of the class VendedorBD**IV.1.1.22.27.1 Body of the operation getLogin of the class VendedorBD**

```
{
    // TODO: implement
    return null;
}
```

IV.1.1.22.27.2 Template body of the operation getLogin of the class VendedorBD

```
%DefaultBody%
```

IV.1.1.22.28 Operation getSenha of the class VendedorBD**IV.1.1.22.28.1 Body of the operation getSenha of the class VendedorBD**

```
{
    // TODO: implement
    return null;
}
```

IV.1.1.22.28.2 Template body of the operation getSenha of the class VendedorBD

```
%DefaultBody%
```

IV.1.1.23 Class VendedorBDFactory**IV.1.1.23.1 Code preview of class VendedorBDFactory**

```
/**
 * Module: VendedorBDFactory.java
 * Author: Alyson
 * Purpose: Defines the Class VendedorBDFactory
 */
```

```
import java.util.*;

/** @pdOid 1e5255d5-077c-447a-bf9e-f0fb5227954d */
public class VendedorBDFactory {
    /** @pdOid 082fb1b0-f0fb-40a8-9b71-72d42c78023f */
    private VendedorBD vendedorBD;

    /** @pdOid 77c95af1-bdd6-48f2-ab30-f09679193d43 */
    public VendedorBD getVendedorBD() {
        // TODO: implement
        return null;
    }
}
```

IV.1.1.23.2 Header of class VendedorBDFactory

```
/**
 * Module: VendedorBDFactory.java
 * Author: Alyson
 * Purpose: Defines the Class VendedorBDFactory
 */
```

IV.1.1.23.3 Imports of class VendedorBDFactory

```
import java.util.*;
```

IV.1.1.23.4 Attribute vendedorBD of the class VendedorBDFactory**IV.1.1.23.5 Operation getVendedorBD of the class VendedorBDFactory****IV.1.1.23.5.1 Body of the operation getVendedorBD of the class VendedorBDFactory**

```
{
    // TODO: implement
    return null;
}
```

IV.1.1.23.5.2 Template body of the operation getVendedorBD of the class VendedorBDFactory

```
%DefaultBody%
```

IV.1.1.24 Class VendedorDAO**IV.1.1.24.1 Code preview of class VendedorDAO**

```
/**
 * Module: VendedorDAO.java
 * Author: Alyson
 * Purpose: Defines the Class VendedorDAO
 */
```

```
import java.util.*;
```

```
/** @pdOid 0ab56425-608f-4895-93ce-946a38e407af */
public class VendedorDAO {
    /** @pdOid 35be37e2-4c77-47cf-a0e1-a175169f9805 */
    private VendedorBD id;
    /** @pdOid d19214d9-52ce-49e1-984c-833aa950e52d */
    private String nome;
    /** @pdOid 0a843bb8-767a-4772-be86-32bbc2164bf5 */
    private String telefone;
    /** @pdOid bde93b99-1f5f-448b-aa11-b98a2837a970 */
    private String rg;
    /** @pdOid 90fb9de2-32c7-4d6c-ab37-6ec4d472ea20 */
    private String cpf;
    /** @pdOid 579c80ad-d7e8-4388-bb59-222611e9ee6c */
    private String rua;
    /** @pdOid 9f7f09b3-2333-45b3-87fa-d3c76feb3fc1 */
    private String numero;
    /** @pdOid e762a35f-96f4-4dc6-986e-0053db9339ed */
    private String cep;
    /** @pdOid b9f0f082-6465-4216-884d-51686dcf3d70 */
    private String estado;
    /** @pdOid 9800275a-48ba-4ad8-9c74-7f99cf58c5b0 */
    private String cidade;
    /** @pdOid 5df06576-2c9f-4b0b-9c7a-bca11ef8ebe3 */
    private String bairro;
    /** @pdOid ebcd3524-98c2-4000-a9ac-625d6c9324aa */
    private String login;
```

```
/** @pdOid 75445997-a6f5-4608-89e4-57fe25e90ec8 */
private String senha;

/** @pdOid b1fd4be7-248f-4182-8a29-d3b35dacfe6e */
public boolean salvar() {
    // TODO: implement
    return false;
}

/** @pdOid 1f249119-9599-487a-b5f9-8cc1afde7b7d */
public String atualizar() {
    // TODO: implement
    return null;
}

/** @pdOid 6fc4fe0a-9151-475e-aa5e-f6671ac8202e */
public String deletar() {
    // TODO: implement
    return null;
}

/** @pdOid 803fbdd3-45f7-43af-94f0-13239a2e381c */
public String getVendedor() {
    // TODO: implement
    return null;
}

/** @pdOid daf1677a-35e7-4512-bc93-590061c7f4eb */
public String listarVendedor() {
    // TODO: implement
    return null;
}

/** @pdOid 7c825748-b235-4871-bd51-bde729d12a4f */
public String buscarVendedorPorNome() {
    // TODO: implement
    return null;
}

/** @pdOid 0c6da2e0-77e8-466a-9b1d-dd6a7ddead10 */
public String buscarTodosVendedores() {
    // TODO: implement
    return null;
}

/** @pdOid 9ad33899-5ead-4886-b729-b796932cc6aa */
public String buscarVendedorPorLoginSenha() {
    // TODO: implement
    return null;
}

/** @pdOid 83f1c9df-2f23-4ab8-a53c-45c11bea2ca4 */
public String getID() {
    // TODO: implement
    return null;
}
```

```
/** @pdOid 93a2fa74-b0fa-488a-9151-d5f3a4f9cbe8 */
public String getNome() {
    // TODO: implement
    return null;
}

/** @pdOid c03d8d6d-b5b5-4b31-abc2-22f318892fec */
public String getTelefone() {
    // TODO: implement
    return null;
}

/** @pdOid 7b05c0e9-995e-4fb8-a694-a8239ff234ab */
public String getRG() {
    // TODO: implement
    return null;
}

/** @pdOid ddef7fc7-78d4-4d73-b1e1-7d148c52357c */
public String getCPF() {
    // TODO: implement
    return null;
}

/** @pdOid 4e6362e0-4c15-427d-b8fd-2624ad9ce742 */
public String getRua() {
    // TODO: implement
    return null;
}

/** @pdOid 56bf132c-fc33-4532-8d3a-f1d41e30b8c1 */
public String getNumero() {
    // TODO: implement
    return null;
}

/** @pdOid ab0ad289-349e-4b53-a41d-66aae6bda29b */
public String getCEP() {
    // TODO: implement
    return null;
}

/** @pdOid ed7e5274-0bdc-4008-9dfe-f89903fadd22 */
public String getEstado() {
    // TODO: implement
    return null;
}

/** @pdOid c9ebafb0-a6ad-4597-b0b2-9b6546f8131c */
public String getCidade() {
    // TODO: implement
    return null;
}

/** @pdOid ef8c4685-dc79-4022-a3b8-675bc1cfb64d */
```

```

public String getBairro() {
    // TODO: implement
    return null;
}

/** @pdOid 879fe160-7530-45c0-94b9-9e302d7d2cc9 */
public String getLogin() {
    // TODO: implement
    return null;
}

/** @pdOid e96e6e8a-1656-4615-bbf4-dfac5188714a */
public String getSenha() {
    // TODO: implement
    return null;
}
}

```

IV.1.1.24.2 Header of class VendedorDAO

```

/*****
* Module: VendedorDAO.java
* Author: Alyson
* Purpose: Defines the Class VendedorDAO
*****/

```

IV.1.1.24.3 Imports of class VendedorDAO

```
import java.util.*;
```

IV.1.1.24.4 Attribute id of the class VendedorDAO

IV.1.1.24.5 Attribute nome of the class VendedorDAO

IV.1.1.24.6 Attribute telefone of the class VendedorDAO

IV.1.1.24.7 Attribute rg of the class VendedorDAO

IV.1.1.24.8 Attribute cpf of the class VendedorDAO

IV.1.1.24.9 Attribute rua of the class VendedorDAO

IV.1.1.24.10 Attribute numero of the class VendedorDAO

IV.1.1.24.11 Attribute cep of the class VendedorDAO

IV.1.1.24.12 Attribute estado of the class VendedorDAO

IV.1.1.24.13 Attribute cidade of the class VendedorDAO

IV.1.1.24.14 Attribute bairro of the class VendedorDAO

IV.1.1.24.15 Attribute login of the class VendedorDAO***IV.1.1.24.16 Attribute senha of the class VendedorDAO******IV.1.1.24.17 Operation salvar of the class VendedorDAO*****IV.1.1.24.17.1 Body of the operation salvar of the class VendedorDAO**

```
{  
    // TODO: implement  
    return false;  
}
```

IV.1.1.24.17.2 Template body of the operation salvar of the class VendedorDAO

%DefaultBody%

IV.1.1.24.18 Operation atualizar of the class VendedorDAO**IV.1.1.24.18.1 Body of the operation atualizar of the class VendedorDAO**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.24.18.2 Template body of the operation atualizar of the class VendedorDAO

%DefaultBody%

IV.1.1.24.19 Operation deletar of the class VendedorDAO**IV.1.1.24.19.1 Body of the operation deletar of the class VendedorDAO**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.24.19.2 Template body of the operation deletar of the class VendedorDAO

%DefaultBody%

IV.1.1.24.20 Operation getVendedor of the class VendedorDAO**IV.1.1.24.20.1 Body of the operation getVendedor of the class VendedorDAO**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.24.20.2 Template body of the operation getVendedor of the class VendedorDAO

%DefaultBody%

IV.1.1.24.21 Operation listarVendedor of the class VendedorDAO

IV.1.1.24.21.1 Body of the operation listarVendedor of the class VendedorDAO

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.24.21.2 Template body of the operation listarVendedor of the class VendedorDAO

%DefaultBody%

IV.1.1.24.22 Operation buscarVendedorPorNome of the class VendedorDAO**IV.1.1.24.22.1 Body of the operation buscarVendedorPorNome of the class VendedorDAO**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.24.22.2 Template body of the operation buscarVendedorPorNome of the class VendedorDAO

%DefaultBody%

IV.1.1.24.23 Operation buscarTodosVendedores of the class VendedorDAO**IV.1.1.24.23.1 Body of the operation buscarTodosVendedores of the class VendedorDAO**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.24.23.2 Template body of the operation buscarTodosVendedores of the class VendedorDAO

%DefaultBody%

IV.1.1.24.24 Operation buscarVendedorPorLoginSenha of the class VendedorDAO**IV.1.1.24.24.1 Body of the operation buscarVendedorPorLoginSenha of the class VendedorDAO**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.24.24.2 Template body of the operation buscarVendedorPorLoginSenha of the class VendedorDAO

%DefaultBody%

IV.1.1.24.25 Operation getID of the class VendedorDAO**IV.1.1.24.25.1 Body of the operation getID of the class VendedorDAO**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.24.25.2 Template body of the operation getID of the class VendedorDAO

%DefaultBody%

IV.1.1.24.26 Operation getNome of the class VendedorDAO**IV.1.1.24.26.1 Body of the operation getNome of the class VendedorDAO**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.24.26.2 Template body of the operation getNome of the class VendedorDAO

%DefaultBody%

IV.1.1.24.27 Operation getTelefone of the class VendedorDAO**IV.1.1.24.27.1 Body of the operation getTelefone of the class VendedorDAO**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.24.27.2 Template body of the operation getTelefone of the class VendedorDAO

%DefaultBody%

IV.1.1.24.28 Operation getRG of the class VendedorDAO**IV.1.1.24.28.1 Body of the operation getRG of the class VendedorDAO**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.24.28.2 Template body of the operation getRG of the class VendedorDAO

%DefaultBody%

IV.1.1.24.29 Operation getCPF of the class VendedorDAO**IV.1.1.24.29.1 Body of the operation getCPF of the class VendedorDAO**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.24.29.2 Template body of the operation getCPF of the class VendedorDAO

%DefaultBody%

IV.1.1.24.30 Operation getRua of the class VendedorDAO**IV.1.1.24.30.1 Body of the operation getRua of the class VendedorDAO**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.24.30.2 Template body of the operation `getRua` of the class `VendedorDAO`

%DefaultBody%

IV.1.1.24.31 Operation *getNumero* of the class *VendedorDAO*

IV.1.1.24.31.1 Body of the operation `getNumero` of the class `VendedorDAO`

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.24.31.2 Template body of the operation `getNumero` of the class `VendedorDAO`

%DefaultBody%

IV.1.1.24.32 Operation *getCEP* of the class *VendedorDAO*

IV.1.1.24.32.1 Body of the operation `getCEP` of the class `VendedorDAO`

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.24.32.2 Template body of the operation `getCEP` of the class `VendedorDAO`

%DefaultBody%

IV.1.1.24.33 Operation *getEstado* of the class *VendedorDAO*

IV.1.1.24.33.1 Body of the operation `getEstado` of the class `VendedorDAO`

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.24.33.2 Template body of the operation `getEstado` of the class `VendedorDAO`

%DefaultBody%

IV.1.1.24.34 Operation *getCidade* of the class *VendedorDAO*

IV.1.1.24.34.1 Body of the operation `getCidade` of the class `VendedorDAO`

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.24.34.2 Template body of the operation `getCidade` of the class `VendedorDAO`

%DefaultBody%

IV.1.1.24.35 Operation getBairro of the class VendedorDAO**IV.1.1.24.35.1 Body of the operation getBairro of the class VendedorDAO**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.24.35.2 Template body of the operation getBairro of the class VendedorDAO

%DefaultBody%

IV.1.1.24.36 Operation getLogin of the class VendedorDAO**IV.1.1.24.36.1 Body of the operation getLogin of the class VendedorDAO**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.24.36.2 Template body of the operation getLogin of the class VendedorDAO

%DefaultBody%

IV.1.1.24.37 Operation getSenha of the class VendedorDAO**IV.1.1.24.37.1 Body of the operation getSenha of the class VendedorDAO**

```
{  
    // TODO: implement  
    return null;  
}
```

IV.1.1.24.37.2 Template body of the operation getSenha of the class VendedorDAO

%DefaultBody%

