

# Documentacion de archivo .vpp de Visual Paradigm

Universidad de la frontera Jesús Acevedo, Francisco Cárdenas, Matías González, Thomas Kinderman Documentacion de principales tipos de datos y de retornos de funciones de software Healthful, relacionado a diagrama UML

### ■1. data

### 1.1. Properties

Abstract	false
Leaf	false
Root	false
Visibility	public

### 1.2. Children Summary

Name	Description
<u>GestorDeArchivos</u>	

### 1.3. Relationships

Relationship	From	То
>unnamed	data	utils
>unnamed	main	data

### 2. GestorDeArchivos

### 2.1. Properties

Visibility	public
Abstract	false
Leaf	false
Root	false
Active	false

### 2.2. Operations Summary

Name	Description
<b>⊖</b> guardarRegistro	
⊜leerArchivo	
eleerCitas	
eleerMedicos	
eleerPacientes	
<b>⊖</b> leerUsuarios	

### 2.3. Operations

### **⊕**2.3.1. guardarRegistro

Visibility public

Return Type void

**⊕2.3.2.** leerArchivo

Visibility private

Return Type List<String[]>

**⊕**2.3.3. leerCitas

Visibility public

Return Type List<Cita>

**⊕**2.3.4. leerMedicos

Visibility public

Return Type List<Medico>

**⊖**2.3.5. leerPacientes

Visibility public

Return Type List<Paciente>

**⊕**2.3.6. leerUsuarios

Visibility public

Return Type List<Usuario>

### **■**3. main

### 3.1. Properties

Abstract	false
Leaf	false
Root	false
Visibility	public

### 3.2. Children Summary

Name	Description
<u>Main</u>	

### 3.3. Relationships

Relationship	From	То
>unnamed	main	model
>unnamed	main	<b>E</b> gui
>unnamed	main	<u>data</u>

### 4. Main

### 4.1. Properties

Visibility	public
Abstract	false
Leaf	false
Root	false
Active	false

### **4.2. Operations Summary**

Name	Description
⊖main	

### 4.3. Operations

### **⊖**4.3.1. main

isibility	public
	P 4.20

### **■**5. model

### **5.1. Properties**

Abstract	false
Leaf	false
Root	false
Visibility	public

### **5.2. Children Summary**

Name	Description
<u>Cita</u>	
<u>EstadoCivil</u>	
Healthful	
Medico	
Paciente Paciente	
Rol	
<u>Sexo</u>	
<u>Usuario</u>	

### 5.3. Relationships

Relationship	From	То
>unnamed	<u> gui</u>	model
>unnamed	main	model

### **■**6. Cita

### 6.1. Properties

Visibility	public
Abstract	false
Leaf	false
Root	false
Active	false

### 6.2. Attributes Summary

Name	Description
efecha	

Name	Description		
⊖hora			
<b>⊜</b> rutMedico			
⊖rutPaciente			

#### 6.3. Operations Summary

o.s. Operatio	iis Suiiiiiai y			
Name	Description			
⊖Cita				
equals				
⊖getFecha				
⊖getHora				
€getRutMedico				
<b>⊖</b> getRutPaciente				
⊖hashCode				
€toCSV				
€toString				

### 6.4. Attributes

#### **⊜**6.4.1. fecha

Visibility	private
Туре	LocalDate
<b>⊜</b> 6.4.2. hora	

Visibility private

Type LocalTime

### **⊜**6.4.3. rutMedico

Visibility	private
Туре	String
<b>⊜</b> 6.4.4. rutPa	ciente
Visibility	private
Туре	String

### 6.5. Operations

	.5.1		

|--|

**⊖**6.5.2. equals

Visibility public

Return Type boolean

€6.5.3. getFecha

Visibility public

Return Type LocalDate

**⊕**6.5.4. getHora

Visibility public

Return Type LocalTime

€6.5.5. getRutMedico

Visibility public

Return Type String

**⊕**6.5.6. getRutPaciente

Visibility public

Return Type String

**⊕**6.5.7. hashCode

Visibility public

Return Type int

**⊕**6.5.8. toCSV

Visibility public

Return Type String[]

**⊕**6.5.9. toString

Visibility public

Return Type String

#### 6.6. Relationships

Relationship	From	То
unnamed	Healthful	<u>Cita</u>

#### **■7. EstadoCivil**

### 7.1. Stereotypes

<<enumeration>>

#### 7.2. Properties

Visibility public

Abstract false

Leaf	false
Root	false
Active	false

### 7.3. Enumeration Literals Summary

Name	Description
CASADO_A	
─DIVORCIADO_A	
SOLTERO_A	

#### 7.4. Enumeration Literals

### **─**7.4.1. CASADO\_A

#### **Specification**

Slots

**─**7.4.2. DIVORCIADO\_A

#### **Specification**

Slots

### **─**7.4.3. SOLTERO\_A

**Specification** 

Slots

### 7.5. Relationships

Relationship	From	То
<b>←</b> unnamed	<u>Paciente</u>	<u>EstadoCivil</u>
unnamed	<u>Paciente</u>	<u>EstadoCivil</u>
unnamed	<u>Medico</u>	<u>EstadoCivil</u>

### **■**8. Healthful

### 8.1. Properties

Visibility	public
Abstract	false
Leaf	false
Root	false
Active	false

### 8.2. Operations Summary

Name	Description
€addCita	
€addMedico	
<b>⊖</b> addPaciente	
<b>⊖</b> addUsuario	
<b>⊖</b> agregarCita	
⊖buscarUsuario	
⊖devolverCitasMedical	0
edevolverCitasPacie	
edevolverPacientesA sociadosAMedico	
<b>⊖</b> getCitas	
<b>⊖</b> getMedicos	
<b>⊖</b> getPacientes	
<b>⊖</b> getUsuarios	
⊖Healthful	
⊖login	
⊕mostrarMedicos	
<b>⊖</b> obtenerMedico	
<b>⊖</b> obtenerPaciente	
⊖removeCita	
<b>⊖</b> removeUsuario	
8.3. Operations	
⊕8.3.1. addCita	
Visibility	public
Return Type  8.3.2. addMedic	boolean
Visibility	public
Return Type  8.3.3. addPacier	boolean
o.s.s. addracter	

Visibility

public

Return Type boolean

**⊕**8.3.4. addUsuario

Visibility public

Return Type boolean

**⊖**8.3.5. agregarCita

Visibility public

**⊖**8.3.6. buscarUsuario

Visibility private

Return Type <u>Usuario</u>

**⊕**8.3.7. devolverCitasMedico

Visibility public

Return Type ArrayList<Cita>

**⊖**8.3.8. devolverCitasPaciente

Visibility public

Return Type ArrayList<Cita>

**●**8.3.9. devolverPacientesAsociadosAMedico

Visibility public

Return Type ArrayList<Paciente>

**⊖**8.3.10. getCitas

Visibility public

Return Type List<Cita>

**⊕**8.3.11. getMedicos

Visibility public

Return Type List<Medico>

**⊖**8.3.12. getPacientes

Visibility public

Return Type List<Paciente>

**⊖**8.3.13. getUsuarios

Visibility public

Return Type List<Usuario>

€8.3.14. Healthful

Visibility public

**⊖**8.3.15. login

Visibility public

Return Type <u>Usuario</u>

**⊖**8.3.16. mostrarMedicos

Visibility public

Return Type void

**⊕**8.3.17. obtenerMedico

Visibility public

Return Type Medico

**⊖**8.3.18. obtenerPaciente

Visibility public

Return Type Paciente

**⊕**8.3.19. removeCita

Visibility public

Return Type boolean

**⊖**8.3.20. removeUsuario

Visibility public

Return Type boolean

### 8.4. Relationships

Relationship	From	То
unnamed	Healthful	<u>Usuario</u>
unnamed	Healthful Healthful	Paciente Paciente
unnamed	Healthful	Medico
unnamed	Healthful	Cita

### **■9.** Medico

### 9.1. Properties

Visibility	public
Abstract	false
Leaf	false
Root	false
Active	false

### 9.2. Attributes Summary

Name	Description
eapellido	
especialidad	
efechaNacimiento	
nombre	

### 9.3. Operations Summary

Name	Description
€Medico	

#### 9.4. Attributes

### **⊜**9.4.1. apellido

Type String	Visibility	private
	Туре	String

### **⊜**9.4.2. especialidad

Visibility	private		
Туре	String		
_			

#### **⊜**9.4.3. fechaNacimiento

Visibility	private	
Туре	LocalDate	
00.44		

#### **⊜**9.4.4. nombre

Visibility	private
Туре	String

### 9.5. Operations

### **⊕**9.5.1. Medico

### 9.6. Relationships

Relationship	From	То
unnamed	Medico	<u>EstadoCivil</u>
unnamed	Medico	Sexo
<b>4</b> —unnamed	<u>Usuario</u>	<u>Medico</u>
unnamed	Healthful	<u>Medico</u>

### **■10. Paciente**

### 10.1. Properties

Visibility	public
Abstract	false
Leaf	false
Root	false
Active	false

### 10.2. Attributes Summary

Name	Description
eapellido	
efechaNacimiento	
nombre	

### **10.3. Operations Summary**

roidi Opoi	ations summary		
Name	Description		
<b>⊖</b> getCitas			
<b>⊖</b> getFechaNa	acimiento		
⊖getSexo			
<b>⊖</b> Paciente			
€toCSV			
<b>⊖</b> toString			

### 10.4. Attributes

### **⊜**10.4.1. apellido

private

String

Visibility

Туре

Туре	String	
<b>⊜</b> 10.4.2. fechaNacimiento		
Visibility	private	
•		
Type <b>⊜</b> 10.4.3. nomb	LocalDate	
Visibility	private	

### 10.5. Operations

**⊕**10.5.1. getCitas

Visibility public

Return Type List<Cita>

€10.5.2. getFechaNacimiento

Visibility public

Return Type LocalDate

**⊕**10.5.3. getSexo

Visibility public

Return Type <u>Sexo</u>

**⊕10.5.4.** Paciente

Visibility public

⊕10.5.5. toCSV

Visibility public

Return Type String[]

**⊕**10.5.6. toString

Visibility public

Return Type String

### 10.6. Relationships

Relationship	From	То
<b>4</b> —unnamed	<u>Paciente</u>	<u>EstadoCivil</u>
unnamed	<u>Paciente</u>	Rol
—unnamed	<u>Paciente</u>	<u>EstadoCivil</u>
unnamed	<u>Paciente</u>	<u>Sexo</u>
<b>4</b> —unnamed	<u>Usuario</u>	Paciente Paciente
unnamed	Healthful	<u>Paciente</u>

### **■11.** Rol

### 11.1. Stereotypes

<<enumeration>>

### 11.2. Properties

Visibility	public
Abstract	false
Leaf	false
Root	false

Active false

### 11.3. Enumeration Literals Summary

Name	Description		
<b>ADMIN</b>			
<b>⊟</b> MEDICO			
PACIENTE			

#### 11.4. Enumeration Literals

**─**11.4.1. ADMIN

Specification

Slots

**─**11.4.2. MEDICO

Specification

Slots

**─**11.4.3. PACIENTE

Specification

Slots

### 11.5. Relationships

Relationship	From	То
unnamed	Usuario	Rol
unnamed	Paciente Paciente	Rol

### **■12.** Sexo

### 12.1. Stereotypes

<<enumeration>>

### 12.2. Properties

Visibility	public
Abstract	false
Leaf	false
Root	false
Active	false

### 12.3. Enumeration Literals Summary

Name	Description		
HOMBRE			
₩UJER			

### 12.4. Enumeration Literals

### **─**12.4.1. **HOMBRE**

Specification

Slots

**─**12.4.2. MUJER

Specification

Slots

### 12.5. Relationships

Relationship	From	То
unnamed	<u>Paciente</u>	Sexo
unnamed	<u>Medico</u>	Sexo

### **■13.** Usuario

### 13.1. Properties

Visibility	public
Abstract	false
Leaf	false
Root	false
Active	false

### 13.2. Attributes Summary

Name	Description		
epassword			
⊖rut			

### 13.3. Operations Summary

**⊜**getRut

Name	Description
equals	
<b>⊖</b> getPassword	
<b>⊖</b> getRol	

Name	Description
€toCSV	
⊖Usuario	
⊖Usuario	
<b>⊖</b> verificacion	
13.4. Attributes	
⊜13.4.1. passwor	d
Visibility	private
Туре	String
●13.4.2. rut	
Visibility	protected
Туре	String
13.5. Operations	s
⊕13.5.1. equals	
Visibility	public
Return Type	boolean
⊕13.5.2. getPassv	word
Visibility	public
Return Type	String
⊕13.5.3. getRol	
Visibility	public
Return Type	Rol
⊕13.5.4. getRut	
Visibility	public
Return Type	String
<b>⊖</b> 13.5.5. toCSV	
Visibility	public
Return Type	String[]
<b>⊖</b> 13.5.6. Usuario	
Visibility	public
⊕13.5.7. Usuario	

protected

Visibility

### €13.5.8. verificacion

 Visibility
 public

 Return Type
 boolean

### 13.6. Relationships

Relationship	From	То
<b></b> unnamed	<u>Usuario</u>	Paciente
<b></b> unnamed	<u>Usuario</u>	Medico
unnamed	<u>Usuario</u>	Rol
unnamed	Healthful	<u>Usuario</u>

### **14.** utils

### 14.1. Properties

Abstract	false
Leaf	false
Root	false
Visibility	nublic

### 14.2. Children Summary

Name	Description
<u>Mapper</u>	

### 14.3. Relationships

Relationship	From	То
>unnamed	data	<u>utils</u>

### **■15.** Mapper

### 15.1. Properties

Visibility	public
Abstract	false
Leaf	false
Root	false
Active	false

### **15.2. Operations Summary**

Name	Description			
⊜getCita				
⊖getFecha				
⊖getMedico				
⊖getPaciente				
⊖getUsuario				
€toCitas				
<b>⊖</b> toMedicos				
<b>⊖</b> toPacientes				
€toUsuarios				

### 15.3. Operations

#### ⊕15.3.1. getCita

Visibility private

Return Type <u>Cita</u>

⊕15.3.2. getFecha

Visibility private

Return Type LocalDate

⊕15.3.3. getMedico

Visibility private

Return Type Medico

⊕15.3.4. getPaciente

Visibility private

Return Type Paciente

⊕15.3.5. getUsuario

Visibility private

Return Type <u>Usuario</u>

⊕15.3.6. toCitas

Visibility public

Return Type List<Cita>

**⊕**15.3.7. toMedicos

Visibility public

€15.3.8. toPacientes

Visibility public

Return Type List<Paciente>

**⊕**15.3.9. toUsuarios

Visibility public

Return Type List<Usuarios>

### **늘**16. gui

### 16.1. Properties

Abstract	false	
Leaf	false	
Root	false	
Visibility	public	

### 16.2. Children Summary

Name	Description
<u>Ventana</u>	
<u>VentanaAgendarCit</u>	<u>a</u>
VentanaAgregarU suario	
VentanaCancelarCit	<u>t</u>
VentanaEliminarUsu ario	<u>u</u>
VentanalnicioSesion	<u>n</u>
VentanaMenuAdmir	1
VentanaMenuBien venida	
VentanaMenuMedi co	
VentanaMenuPaci ente	
<u>VentanaVerCitas</u>	
VentanaVerPacientes	<u>e</u>

### 16.3. Relationships

Relationship	From	То
>unnamed	gui	model
<sup>®</sup> unnamed	→ VentanaAgregarUsuario	gui
>unnamed	main	gui

### **■17. Ventana**

### 17.1. Properties

Visibility	public
Abstract	false
Leaf	false
Root	false
Active	false

### 17.2. Attributes Summary

Name	Description	
€fuenteTexto		
fuenteTitulo		

### **17.3. Operations Summary**

Name	Description
<b>⊖</b> actionPerformed	
<b>⊖</b> generarBoton	
<b>⊖</b> generarFormato	
⊕generarJFormattedT extField	
⊖generarJLabel	
⊕generarJLabelEncab ezado	
<b>⊖</b> generarJTextField	
⊕generarListaDesple gable	
⊖Ventana	

### 17.4. Attributes

### **⊜**17.4.1. fuenteTexto

Visibility	private
Туре	Font
⊜17.4.2. fuen	teTitulo
Visibility	private
Type	Font

### 17.5. Operations

### **⊕**17.5.1. actionPerformed

Visibility public

Return Type void

⊕17.5.2. generarBoton

Visibility protected

Return Type JButton

⊕17.5.3. generarFormato

Visibility protected

Return Type InternationalFormatter

**⊕**17.5.4. generarJFormattedTextField

Visibility protected

Return Type JFormattedTextField

⊕17.5.5. generarJLabel

Visibility protected

Return Type void

⊕17.5.6. generarJLabelEncabezado

Visibility protected

Return Type void

⊕17.5.7. generarJTextField

Visibility protected

Return Type JTextField

⊕17.5.8. generarListaDesplegable

Visibility protected

Return Type JComboBox

⊕17.5.9. Ventana

Visibility protected

### 17.6. Relationships

Relationship	From	То
<b>4</b> —unnamed	<u>Ventana</u>	<u>VentanaMenuBienvenida</u>
<b>4</b> —unnamed	<u>Ventana</u>	<u>VentanalnicioSesion</u>
<b></b> d—unnamed	Ventana Ventana	VentanaMenuAdmin
<b>4</b> —unnamed	Ventana Ventana	Ventana Agregar Usuario
<b></b> d—unnamed	<u>Ventana</u>	Ventana Eliminar Usuario
<b></b> unnamed	<u>Ventana</u>	VentanaMenuPaciente

Relationship	From	То
<b>←</b> unnamed	<u>Ventana</u>	<u>VentanaAgendarCita</u>
<b></b> d—unnamed	<u>Ventana</u>	<u>VentanaCancelarCita</u>
<b></b> d—unnamed	<u>Ventana</u>	<u>VentanaMenuMedico</u>
<b>←</b> unnamed	<u>Ventana</u>	<u>VentanaVerPacientes</u>
<b>←</b> unnamed	<u>Ventana</u>	<u>VentanaVerCitas</u>

### ■18. VentanaAgendarCita

### 18.1. Properties

Visibility	public
Abstract	false
Leaf	false
Root	false
Active	false

### 18.2. Attributes Summary

Name	Description
⊜botonCancelar	
⊜botonGuardar	
ecalendar	
<b>⊜</b> campoFecha	
<b>⊝</b> campoHora	
ehealthful	
eusuario	

### 18.3. Operations Summary

Name	Desc	ription
⊖actionPerfo	rmed	
⊜agregarCita	ì	
⊜generarBoto ar	onCancel	
	0	

egenerarBotonGua rdar

Name **Description**  ⊕generarCalendario ⊖generarCampoHora ⊜generarCampoMin utos ⊜generarCampoRut Medico ⊕generarElemento sVentana seleccionarFecha VentanaAgendarCita 18.4. Attributes

## ⊕18.4.1. botonCancelar

Visibility private Type **JButton** 

**⊜**18.4.2. botonGuardar

Visibility private Type **JButton** 

**⊜**18.4.3. calendar

Visibility private JCalendar Type

⊕18.4.4. campoFecha

Visibility private

●18.4.5. campoHora

**Type** 

**JTextField** 

Visibility private **Type JSpinField** 

**⊜**18.4.6. campoMinutos

Visibility private Type **JSpinField** 

**⊜18.4.7.** campoRutMedico

Visibility private Type **JTextField** 

€18.4.8. healthful

Visibility private

Type <u>Healthful</u>

**⊜**18.4.9. usuario

Visibility private

Type <u>Usuario</u>

### 18.5. Operations

#### €18.5.1. actionPerformed

Visibility public

Return Type void

⊕18.5.2. agregarCita

Visibility private

Return Type boolean

⊕18.5.3. generarBotonCancelar

Visibility private

Return Type void

⊕18.5.4. generarBotonGuardar

Visibility private

Return Type void

⊕18.5.5. generarCalendario

Visibility private

Return Type void

⊕18.5.6. generarCampoHora

Visibility private

Return Type void

⊕18.5.7. generarCampoMinutos

Visibility private

Return Type void

⊕18.5.8. generarCampoRutMedico

Visibility private

Return Type void

⊕18.5.9. generarElementosVentana

Visibility private

Return Type void

#### **⊜**18.5.10. seleccionarFecha

Visibility	private	
Return Type	void	
_		

### **⊕18.5.11. VentanaAgendarCita**

Visibility public

### 18.6. Relationships

Relationship	From	То
<b>4</b> —unnamed	<u>Ventana</u>	<u>VentanaAgendarCita</u>
>unnamed	<u>VentanaMenuAdmin</u>	<u>VentanaAgendarCita</u>
>unnamed	VentanaMenuPaciente	<u>VentanaAgendarCita</u>

### ■19. VentanaAgregarUsuario

### 19.1. Properties

Visibility	public
Abstract	false
Leaf	false
Root	false
Active	false

### 19.2. Attributes Summary

Name	Description
⊜botonCancelar	
⊜botonGuardar	
<b>⊜</b> campoPassword	
⊜campoRol	
campoRut	
healthful	

### **19.3. Operations Summary**

Name	Description	
€actionPe	rformed	
⊜agregarl	Jsuario	
⊜generarE ar	BotonCancel	

## 

#### 19.4. Attributes

#### **⊜**19.4.1. botonCancelar

Visibility	private
Туре	JButton

#### **⊜**19.4.2. botonGuardar

Visibility	private
Туре	JButton

#### **⊜**19.4.3. campoPassword

Visibility	private	
Type	JTextField	

### **⊜**19.4.4. campoRol

Visibility	private
Туре	JTextField

### **⊜**19.4.5. campoRut

Visibility	private		
Туре	JTextField		
O			

#### =19.4.6. healthful

Visibility	private
Туре	<u>Healthful</u>

### 19.5. Operations

#### ⊕19.5.1. actionPerformed

Visibility	public
Return Type	void

#### ⊜19.5.2. agregarUsuario

Visibility private

Return Type boolean

#### ⊕19.5.3. generarBotonCancelar

Visibility private
Return Type void

### **⊖**19.5.4. generarBotonGuardar

Visibility private

Return Type void

#### **⊕**19.5.5. generarCampoPassword

Visibility private

Return Type void

#### ⊕19.5.6. generarCampoRol

Visibility private
Return Type void

#### ⊕19.5.7. generarCampoRut

Visibility private

Return Type void

#### ⊕19.5.8. generarElementosVentana

Visibility private
Return Type void

#### ⊕19.5.9. VentanaAgregarUsuario

Visibility public

### 19.6. Relationships

Relationship	From	То
<b>←</b> unnamed	<u>Ventana</u>	<u>VentanaAgregarUsuario</u>
>unnamed	<u>VentanaMenuAdmin</u>	<u>VentanaAgregarUsuario</u>

### ■ 20. VentanaCancelarCita

#### 20.1. Properties

Visibility	public
Abstract	false
Leaf	false

Root false
Active false

### 20.2. Attributes Summary

Name	Description
⊜botonCancelar	
—healthful	

⊖usuario

### 20.3. Operations Summary

Name	Description
<b>⊖</b> actionPerfor	rmed
⊖cancelarCita	a
⊜generarBoto ar	onCancel
⊜generarCom Citas	nboBox
⊜generarElen sVentana	nento
	ncelarCit

#### 20.4. Attributes

#### **⊜20.4.1.** botonCancelar

Visibility	private
Туре	JButton
<b>∋</b> 20.4.2. comb	oBoxCitas

Visibility private

Type JComboBox<String>

#### **⊜20.4.3.** healthful

Visibility	private
Туре	<u>Healthful</u>

#### **⊜**20.4.4. usuario

Visibility	private
Туре	<u>Usuario</u>

### 20.5. Operations

#### **⊕**20.5.1. actionPerformed

Visibility public

Return Type void

⊕20.5.2. cancelarCita

Visibility private

Return Type boolean

**⊖**20.5.3. generarBotonCancelar

Visibility private

Return Type void

**⊜**20.5.4. generarComboBoxCitas

Visibility private

Return Type void

**⊖20.5.5.** generarElementosVentana

Visibility private

Return Type void

**⊕**20.5.6. VentanaCancelarCita

Visibility public

#### 20.6. Relationships

Relationship	From	То
<b>←</b> unnamed	<u>Ventana</u>	<u>VentanaCancelarCita</u>
>unnamed	<u>VentanaMenuPaciente</u>	<u>VentanaCancelarCita</u>

### **■21. VentanaEliminarUsuario**

### 21.1. Properties

Visibility	public
Abstract	false
Leaf	false
Root	false
Active	false

### 21.2. Attributes Summary

Name	Description
⊜botonCancelar	

⊜botonEliminar

Name **Description** 

healthful

### 21.3. Operations Summary

Name **Description** ⊕actionPerformed eliminarUsuario ⊕generarBotonCancel ⊕generarBotonElimin ⊕generarCampoRut ⊖generarElemento sVentana → VentanaEliminarUsu ario

#### 21.4. Attributes

#### **⊜21.4.1.** botonCancelar

Visibility private Type **JButton** 

**⊜21.4.2.** botonEliminar

Visibility private Type JButton

**⊜**21.4.3. campoRut

Visibility private Type **JTextField** 

=21.4.4. healthful

Visibility private Type Healthful

### 21.5. Operations

#### €21.5.1. actionPerformed

Visibility public **Return Type** void

**⊕21.5.2. eliminarUsuario** 

Visibility private

Return Type boolean

#### **⊜21.5.3.** generarBotonCancelar

Visibility private

Return Type void

#### **⊕21.5.4.** generarBotonEliminar

Visibility private

Return Type void

#### **⊖21.5.5.** generarCampoRut

Visibility private

Return Type void

#### **⊜21.5.6.** generarElementosVentana

Visibility private

Return Type void

#### **⊕21.5.7.** VentanaEliminarUsuario

Visibility public

### 21.6. Relationships

Relationship	From	То
<b>←</b> unnamed	<u>Ventana</u>	<u>VentanaEliminarUsuario</u>
>unnamed	<u>VentanaMenuAdmin</u>	<u>VentanaEliminarUsuario</u>

### **■22. VentanalnicioSesion**

### 22.1. Properties

Visibility	public
Abstract	false
Leaf	false
Root	false
Active	false

### 22.2. Attributes Summary

Name	Description
⊜botonCancelar	
botonIngresar	
<b>⊜</b> campoPasword	

healthful

### 22.3. Operations Summary

Name Description

⊜generarBotonCancel

ar

⊖generarBotonIngres

ar

⊖generarCampoPas

sword

⊜generarCampoRut

⊖generarElemento

sVentana

⊜generarEncabezado

⊖ingresarUsuario

nuevaVentana

⊕VentanalnicioSesion

#### 22.4. Attributes

#### **⊜22.4.1.** botonCancelar

Visibility private

**Type** JButton

**⊜22.4.2.** botonIngresar

Visibility private

Type JButton **⊜22.4.3. campoPasword** 

Visibility private

**Type** JPasswordField

**⊜22.4.4.** campoRut

Visibility private

Type JTextField

=22.4.5. healthful

Visibility private

**Type** Healthful

### 22.5. Operations

#### €22.5.1. actionPerformed

Visibility private

**Return Type** 

⊕22.5.2. generarBotonCancelar

void

Visibility private

**Return Type** void

⊕22.5.3. generarBotonIngresar

Visibility private **Return Type** void

**⊖22.5.4.** generarCampoPassword

Visibility private **Return Type** void

⊕22.5.5. generarCampoRut

Visibility private

**Return Type** void

**⊖22.5.6.** generarElementosVentana

Visibility private **Return Type** void

⊕22.5.7. generarEncabezado

Visibility private

**Return Type** void

**⊕22.5.8.** ingresarUsuario

Visibility private **Return Type** void

⊕22.5.9. nuevaVentana

Visibility private

**Return Type** void

€22.5.10. VentanalnicioSesion

Visibility public

### 22.6. Relationships

Relationship	From	То
>unnamed	VentanalnicioSesion	<u>VentanaMenuAdmin</u>
···>unnamed	<u>VentanalnicioSesion</u>	<u>VentanaMenuPaciente</u>
>unnamed	VentanalnicioSesion	<u>VentanaMenuMedico</u>
<b></b> d—unnamed	<u>Ventana</u>	<u>VentanalnicioSesion</u>
>unnamed	<u>VentanaMenuBienvenida</u>	<u>VentanalnicioSesion</u>

### **■23. VentanaMenuAdmin**

### 23.1. Properties

Visibility	public
Abstract	false
Leaf	false
Root	false
Active	false

### 23.2. Attributes Summary

Name	Description
⊜botonAgregarUsu o	ıari
⊜botonCerrarSesion	n
⊜botonEliminarUsu io	ıar
healthful	
eusuario	

### 23.3. Operations Summary

⊖generarEncabezado

Name	Description
<b>⊖</b> actionPerformed	
⊕generarBotonAgre rUsuario	ga
⊖generarBotonCerra Sesion	ar
⊖generarBotonElimi arUsuario	n
⊖generarElemento sVentana	

Name Description

⊜getCentro

→ VentanaMenuAdmin

#### 23.4. Attributes

#### **⊜**23.4.1. botonAgregarUsuario

Visibility private

Type JButton

**⊜**23.4.2. botonCerrarSesion

Visibility private

Type JButton

**⊜**23.4.3. botonEliminarUsuario

Visibility private

Type JButton

**⊜**23.4.4. healthful

**Visibility** private

Type <u>Healthful</u>

**⊜**23.4.5. usuario

Visibility private

Type <u>Usuario</u>

#### 23.5. Operations

#### **⊕23.5.1.** actionPerformed

Visibility public

Return Type void

**⊜**23.5.2. generarBotonAgregarUsuario

Visibility private

Return Type void

**⊜23.5.3.** generarBotonCerrarSesion

Visibility private

Return Type void

⊕23.5.4. generarBotonEliminarUsuario

Visibility private

Return Type void

**⊖23.5.5.** generarElementosVentana

Visibility private

Return Type void

### **⊖**23.5.6. generarEncabezado

Visibility private

Return Type void

### **⊜**23.5.7. getCentro

Visibility private

Return Type int

### €23.5.8. VentanaMenuAdmin

Visibility public

# 23.6. Relationships

Relationship	From	То
>unnamed	VentanaMenuAdmin	<u>VentanaAgendarCita</u>
>unnamed	VentanaMenuAdmin	<u>VentanaAgregarUsuario</u>
>unnamed	VentanaMenuAdmin	<u>VentanaEliminarUsuario</u>
<b>4</b> —unnamed	<u>Ventana</u>	<u>VentanaMenuAdmin</u>
>unnamed	<u>VentanalnicioSesion</u>	<u>VentanaMenuAdmin</u>

### **24.** VentanaMenuBienvenida

# 24.1. Properties

Visibility	public
Abstract	false
Leaf	false
Root	false
Active	false

### 24.2. Attributes Summary

# 24.3. Operations Summary

Name	Description
⊖generarBotonInicio Sesion	
⊖generarElementos	
⊕generarlconos	
⊖generarlmagen	
⊕generarLabelFrase	
⊖generarLogo	

#### 24.4. Attributes

#### **⊜24.4.1.** botonIniciarSesion

Visibility	private
Туре	JButton
<b>⊜24.4.2.</b> healthul	
Visibility	private
Type	Healthful

# 24.5. Operations

€24.5.1. actionPerformed

Visibility public

Return Type void

#### **⊜24.5.2.** generarBotonInicioSesion

Visibility private
Return Type void

### **⊖24.5.3.** generarElementos

Visibility private

Return Type void

#### **⊜24.5.4.** generariconos

Visibility private

00455

void

**Return Type** 

#### **⊖24.5.5.** generarlmagen

Visibility private

Return Type void

## **⊜24.5.6.** generarLabelFrase

Visibility private

Return Type void

#### **⊖**24.5.7. generarLogo

Visibility private

Return Type void

#### €24.5.8. VentanaMenuBienvenida

Visibility public

### 24.6. Relationships

Relationship	From	То
>unnamed	<u>VentanaMenuBienvenida</u>	<u>VentanalnicioSesion</u>
<b>←</b> unnamed	<u>Ventana</u>	<u>VentanaMenuBienvenida</u>

# **25.** VentanaMenuMedico

### 25.1. Properties

Visibility	public
Abstract	false
Leaf	false
Root	false

Active

false

### 25.2. Attributes Summary

	,			
Name	Description			
⊜botonCerrarSesio	n			
⊜botonVerAgenda				
⊜botonVerCitas				
⊜botonVerPaciente	es			
healthful				
eusuario				

# 25.3. Operations Summary

Name	Description
<b>⊖</b> actionPerformed	
⊜generarBotonCerrar Sesion	
⊖generarBotonVer Agenda	
⊜generarBotonVerCit as	
⊖generarBotonVer Pacientes	
⊜generarElemento sVentana	
⊖generarMensajeM enu	
<b>⊜</b> getCentro	
⊕VentanaMenuMedi co	

### 25.4. Attributes

### **⊜**25.4.1. botonCerrarSesion

Visibility	private		
Туре	JButton		

**⊜**25.4.3. botonVerCitas

Visibility private

**Type** JButton

#### **⊜25.4.4.** botonVerPacientes

Visibility private

**Type** JButton

**⊜25.4.5.** healthful

Visibility private

Type <u>Healthful</u>

**⊜**25.4.6. usuario

Visibility private

Type <u>Usuario</u>

#### 25.5. Operations

#### €25.5.1. actionPerformed

Visibility public

Return Type void

#### **⊜25.5.2.** generarBotonCerrarSesion

Visibility private

Return Type void

#### ⊕25.5.3. generarBotonVerAgenda

Visibility private

Return Type void

⊕25.5.4. generarBotonVerCitas

Visibility private

Return Type void

#### ⊕25.5.5. generarBotonVerPacientes

Visibility private

Return Type void

#### **⊖**25.5.6. generarElementosVentana

Visibility private

Return Type void

#### ⊕25.5.7. generarMensajeMenu

Visibility private

Return Type void

### ⊕25.5.8. getCentro

# €25.5.9. VentanaMenuMedico

Visibility public

### 25.6. Relationships

Relationship	From	То
>unnamed	<u>VentanaMenuMedico</u>	<u>VentanaVerPacientes</u>
>unnamed	<u>VentanaMenuMedico</u>	<u>VentanaVerCitas</u>
<b>←</b> unnamed	<u>Ventana</u>	<u>VentanaMenuMedico</u>
>unnamed	<u>VentanalnicioSesion</u>	<u>VentanaMenuMedico</u>

# **■26. VentanaMenuPaciente**

### 26.1. Properties

Visibility	public
Abstract	false
Leaf	false
Root	false
Active	false

### 26.2. Attributes Summary

Name	Description
⊜botonAgenda	ar
botonCancel	lar
botonCerrar	Sesion
botonVerCita	as
healthful	
eusuario	

### 26.3. Operations Summary

ndar

#### 26.4. Attributes

#### **⊜**26.4.1. botonAgendar

VisibilityprivateTypeJButton

**⊜**26.4.2. botonCancelar

Visibility private

Type JButton

**⊜**26.4.3. botonCerrarSesion

 Visibility
 private

 Type
 JButton

**⊜26.4.4. botonVerCitas**

Visibility private

Type JButton

**⊜**26.4.5. healthful

Visibility private

Type Healthful

**⊜**26.4.6. usuario

Visibility private

Type Usuario

### 26.5. Operations

€26.5.1. actionPerformed

Visibility public

Return Type void

#### **⊜**26.5.2. generarBotonAgendar

Visibility private

Return Type void

### ⊕26.5.3. generarBotonCancelar

Visibility private

Return Type void

#### **⊖**26.5.4. generarBotonCerrarSesion

Visibility private

Return Type void

#### **⊜**26.5.5. generarBotonVerCitas

Visibility private

Return Type void

#### **⊖**26.5.6. generarElementosVentana

Visibility private

Return Type void

#### **⊕**26.5.7. generarMensajeMenu

Visibility private

Return Type void

#### ⊕26.5.8. getCentro

Visibility private

Return Type int

#### €26.5.9. VentanaMenuPaciente

Visibility public

### 26.6. Relationships

Relationship	From	То
>unnamed	<u>VentanaMenuPaciente</u>	<u>VentanaAgendarCita</u>
···>unnamed	<u>VentanaMenuPaciente</u>	<u>VentanaCancelarCita</u>
>unnamed	<u>VentanaMenuPaciente</u>	<u>VentanaVerCitas</u>
<b></b> d—unnamed	<u>Ventana</u>	<u>VentanaMenuPaciente</u>
>unnamed	<u>VentanalnicioSesion</u>	<u>VentanaMenuPaciente</u>

### **27.** VentanaVerCitas

# 27.1. Properties

Visibility	public
Abstract	false
Leaf	false
Root	false
Active	false

# 27.2. Attributes Summary

Name	Description	
⊜botonVolver		
⊖comboBoxCitas		
healthful		
eusuario		

# **27.3. Operations Summary**

Name	Description
⊕generarBotonVolver	
⊜generarComboBox Citas	
⊜generarElemento     sVentana	
→ Ventana Ver Citas	

#### 27.4. Attributes

#### **⊜**27.4.1. botonVolver

#### **⊜**27.4.2. comboBoxCitas

Visibility	private
Туре	JComboBox <string></string>

#### **⊜**27.4.3. healthful

Visibility	private	
Type	Hoolthful	

### **⊜**27.4.4. usuario

Visibility private

Type <u>Usuario</u>

### 27.5. Operations

#### €27.5.1. actionPerformed

Visibility public

Return Type void

**⊜27.5.2.** generarBotonVolver

Visibility private

Return Type void

**⊖**27.5.3. generarComboBoxCitas

Visibility private

Return Type void

#### **⊜27.5.4.** generarElementosVentana

Visibility private

Return Type void

**⊕27.5.5.** VentanaVerCitas

Visibility public

### 27.6. Relationships

Relationship	From	То
<b>←</b> unnamed	<u>Ventana</u>	<u>VentanaVerCitas</u>
>unnamed	<u>VentanaMenuPaciente</u>	<u>VentanaVerCitas</u>
>unnamed	<u>VentanaMenuMedico</u>	<u>VentanaVerCitas</u>

### **■28. VentanaVerPacientes**

### 28.1. Properties

Visibility	public
Abstract	false
Leaf	false
Root	false
Active	false

### 28.2. Attributes Summary

Name	Description
⊜botonVolver	

### 28.3. Operations Summary

Name	Description
⊕generarBotonVolver	-
⊜generarComboBox Pacientes	
⊖generarElemento sVentana	
	Э

#### 28.4. Attributes

#### **⊜**28.4.1. botonVolver

**⊜**28.4.2. comboBoxCitas

Visibility private

Type JComboBox<String>

**⊜**28.4.3. healthful

Visibility private

Type Healthful

**⊜**28.4.4. usuario

Visibility private

Type Usuario

### 28.5. Operations

#### **⊕28.5.1.** actionPerformed

Visibility	public
Return Type	void

**⊜28.5.2.** generarBotonVolver

Visibility private

Return Type void

#### **⊜28.5.3.** generarComboBoxPacientes

Visibility	private
Return Type	void

#### **⊖**28.5.4. generarElementosVentana

Visibility	private
Return Type	void

#### **⊕**28.5.5. VentanaVerPacientes

Visibility public

# 28.6. Relationships

Relationship	From	То
<b></b> d—unnamed	<u>Ventana</u>	<u>VentanaVerPacientes</u>
>unnamed	<u>VentanaMenuMedico</u>	<u>VentanaVerPacientes</u>

#### 29. HealthfulVersionFinal

## 29.1. Properties

Author	thomas		
Company			
Description			
UML Version	2.x		

# **30. Activity Diagrams**

# 31. Basic Diagrams

# 32. Business Process Diagrams

# 33. CRC Card Diagrams

34. CMMN Diag	grams		
35. Use Case I	Diagrams		
36. Use Case S	Scheduling		
37. User Interfa	aces		
38. User Storie	es (General)		
39. User Storie	es .		
40. User Story	Tags		
Name	Description		