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| --- |
| **Model Report**  Diagrama de clases  Version 1.0 ● Proposed |
| |  | | --- | |  | | Date/Time Generated: | 28/05/2019 10:03:01 a. m. | | Author: | vix |   EA Repository : C:\Users\vix\iCloudDrive\Enterprice\HCE.eap |
| |  |  | | --- | --- | | **CREATED WITH** |  | |

# **D****iagrama de clases**

*Package in package 'Model'*

Diagrama de clases

Version 1.0 Phase 1.0 Proposed

vix created on 05/05/2019. Last modified 05/05/2019

## **Diagrama de clases diagram**

*Class diagram in package 'Diagrama de clases'*

Diagrama de clases

Version 1.0

vix created on 20/03/2019. Last modified 21/03/2019



Diagrama de clases

## **administrador**

*Class in package 'Diagrama de clases'*

administrador

Version 1.0 Phase 1.0 Proposed

vix created on 20/03/2019. Last modified 05/05/2019

| **ATTRIBUTES** |
| --- |
| apellidoM : varchar Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| apellidoP : varchar Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| contraseña : varchar Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| email : varchar Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| idadministrador : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| nombre : varchar Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| usuario : varchar Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) administrador  Cardinality: [1] | Target: Public (Class) enfermeria  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) administrador  Cardinality: [1] | Target: Public (Class) doctor  Cardinality: [0..\*] |

| **OPERATIONS** |
| --- |
| actualizar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| agregar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| eliminar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| iniciarSesion () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

## **doctor**

*Class in package 'Diagrama de clases'*

doctor

Version 1.0 Phase 1.0 Proposed

vix created on 20/03/2019. Last modified 05/05/2019

| **ATTRIBUTES** |
| --- |
| apellidoM : char Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| apellidoP : char Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| cedula : char Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| contraseña : char Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| direccion : char Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| email : char Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| nombre : char Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| telefono : char Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| usuario : char Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) doctor  Cardinality: [0..\*] | Target: Public (Class) expedienteClinicoConsulta  Cardinality: [1] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) administrador  Cardinality: [1] | Target: Public (Class) doctor  Cardinality: [0..\*] |

| **OPERATIONS** |
| --- |
| actualizar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| agregar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| eliminar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| inisiarSesion () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

## **enfermeria**

*Class in package 'Diagrama de clases'*

enfermeria

Version 1.0 Phase 1.0 Proposed

vix created on 20/03/2019. Last modified 05/05/2019

| **ATTRIBUTES** |
| --- |
| apellidoM : varchar Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| apellidoP : varchar Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| cedula : varchar Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| contraseña : varchar Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| direccion : varchar Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| email : varchar Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| idenfermera : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| nombre : varchar Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| telefono : varchar Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| usuario : varchar Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) enfermeria  Cardinality: [1] | Target: Public (Class) expdedienteClinicoPaciente  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) administrador  Cardinality: [1] | Target: Public (Class) enfermeria  Cardinality: [0..\*] |

| **OPERATIONS** |
| --- |
| actualizar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| agregar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| eliminar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| inisiarSesion () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

## **expdedienteClinicoPaciente**

*Class in package 'Diagrama de clases'*

expdedienteClinicoPaciente

Version 1.0 Phase 1.0 Proposed

vix created on 20/03/2019. Last modified 05/05/2019

| **ATTRIBUTES** |
| --- |
| apellidoM : char Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| apellidoP : char Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| contraseña : char Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| direccion : char Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| edad : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| email : char Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| estadoCivil : char Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| fechaNac : date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| idenfermera : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| identificacion : char Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| idexpediente : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| nombre : char Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| nss : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| observaciones : char Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| ocupacion : char Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| peso : double Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| sexo : char Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| telefono : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| telefonocelular : int Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) enfermeria  Cardinality: [1] | Target: Public (Class) expdedienteClinicoPaciente  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) expedienteClinicoConsulta  Cardinality: [0..\*] | Target: Public (Class) expdedienteClinicoPaciente  Cardinality: [1] |

| **OPERATIONS** |
| --- |
| actualizar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| agregar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| eliminar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

## **expedienteClinicoConsulta**

*Class in package 'Diagrama de clases'*

expedienteClinicoConsulta

Version 1.0 Phase 1.0 Proposed

vix created on 20/03/2019. Last modified 05/05/2019

| **ATTRIBUTES** |
| --- |
| consumeCigarros : boolean Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| consumeDrogas : boolean Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| diagnostico : char Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| estatura : float Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| examenesFisicos : char Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| examenesLaboratorio : char Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| fechaConsulta : date Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| idconsulta : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| idexpediente : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| indicaciones : char Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| padeceAlergias : char Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| padecimientos : char Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| peso : float Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| pulso : char Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| realizaEjercicio : boolean Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| talla : float Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| temperatura : double Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) expedienteClinicoConsulta  Cardinality: [0..\*] | Target: Public (Class) expdedienteClinicoPaciente  Cardinality: [1] |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) doctor  Cardinality: [0..\*] | Target: Public (Class) expedienteClinicoConsulta  Cardinality: [1] |

| **OPERATIONS** |
| --- |
| actualizar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| agregar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |