|  |
| --- |
| **Model Report**  Casos de uso  Version ● Proposed |
| |  |  |  | | --- | --- | --- | |  | Date/Time Generated: | 09-07-16 8:52:17 PM | | Author: | Jesus |   EA Repository : D:\Archivos\UAI\Campo\ShikobaSW\Carpeta RRAMOS.eap |
| |  |  | | --- | --- | | **CREATED WITH** |  | |

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# **C****asos de uso**

*Package in package 'Modelo del Sistema'*

Casos de uso

Version Phase 1.0 Proposed

created on 20-04-14. Last modified 20-04-14

## **0****0 Gestion Ingreso**

*Package in package 'Casos de uso'*

00 Gestion Ingreso

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

### **00 Gestion Ingreso diagram**

*Use Case diagram in package '00 Gestion Ingreso'*

00 Gestion Ingreso

Version 1.0

Jesus created on 07-07-16. Last modified 07-07-16



1. 00 Gestion Ingreso

#### **Profesional**

*Actor in package 'Actores'*

Profesional

Version 1.0 Phase 1.0 Proposed

Jesus created on 26-04-16. Last modified 26-04-16

| **CONNECTORS** |
| --- |
| **UseCaseLink** Source -> Destination  From: Profesional : Actor, Public  To: Gesion Ingreso : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Profesional : Actor, Public  To: Cargar Consulta : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Profesional : Actor, Public  To: Solicitar Auscencia del profesional : UseCase, Public |

#### **Recepcionista**

*Actor in package 'Actores'*

Recepcionista

Version 1.0 Phase 1.0 Proposed

Jesus created on 26-04-16. Last modified 26-04-16

| **CONNECTORS** |
| --- |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Buscar Turnos Afectados y asignar profesional de reemplazo : UseCase, Public |

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| --- |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Asignar Profesional de Reemplazo : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar Cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Gestor Modificar Turno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar en Lista de Espera : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Dar de baja Turno por ausencia del cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Dar de baja Cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: ingreso a Ausencias : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Reprogramar Turno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Buscar Turnos Afectados y asignar profesional de reemplazo : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar en Lista de Espera : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar Cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Modificar Cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar Turno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Modificar Turno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: solicitud Ausencia de prodesional : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar Turno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Gesion Ingreso : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Buscar Turnos del Dia del cliente del dia de la Fecha : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Gestionar Sobreturno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Buscar Turnos Afectados y asignar profesional de reemplazo : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Dar de baja Turno por ausencia del cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Gestion Sobreturno : UseCase, Public |
| **UseCaseLink** Unspecified  From: Solicitar Auscencia del profesional : UseCase, Public  To: Recepcionista : Actor, Public |

### **Buscar Profesional**

*UseCase in package '00 Gestion Ingreso'*

Buscar Profesional

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 08-07-16

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. el sistema toma el DNI del profesional  2. el sistema busca en la tabla Profesional todos los datos del profesional  Alternate: *2a*. profesional no existe  3. el sistema devuelve los datos del profesional |

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| Alternate. profesional no existe    1. el sistema llama a la excepcion ErrorUsuarioYcontraseña  2. fin del caso de uso |

| **CONNECTORS** |
| --- |
| **Include** «include» Source -> Destination  From: Verficar Profesional : UseCase, Public  To: Buscar Profesional : UseCase, Public |

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| --- |
| **Include** «include» Source -> Destination  From: solicitud Ausencia de prodesional : UseCase, Public  To: Buscar Profesional : UseCase, Public |

### **Buscar Recepcionista**

*UseCase in package '00 Gestion Ingreso'*

Buscar Recepcionista

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 08-07-16

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. el sistema toma el email del Recepcionista  Alternate: *1a*. Recepcionista no existe  2. el sistema busca en la tabla Recepcionista todos los datos del Recepcionista  Alternate: *2a*. Recepcionista no existe  3. el sistema devuelve los datos del Recepcionista |

|  |
| --- |
| Alternate. Recepcionista no existe    1. el sistema llama a la excepcion ErrorUsuarioYcontraseña  2. fin del caso de uso |

| **CONNECTORS** |
| --- |
| **Include** «include» Source -> Destination  From: Verficar Recepcionista : UseCase, Public  To: Buscar Recepcionista : UseCase, Public |

### **Gesion Ingreso**

*UseCase in package '00 Gestion Ingreso'*

Gesion Ingreso

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. el recepcionista o profesional inician el sistema  2. el sistema abre el menu login  3. el recepcionista o profesional ingresan su email y su contraseña  4. el sistema llama al caso de uso  Uses:  verificar profesional  Alternate: *4a*. el usuario no es un Profesional  Alternate: *4b*. el usuario no es ni Recepcionista ni Profesional  5. el sistema carga en el login TODOS los datos del profesional  6. el sistema habilita los accesos correspondientes al profesional y abre el Form Menu |

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| --- |
| Alternate. el usuario no es un Profesional    1. el sistema llama al caso de uso  Uses:  Verficar Recepcionista  2. el sistema carga en el login TODOS los datos del Recepcionista  3. el sistema habilita los accesos correspondientes al profesional y abre el Form Menu |

|  |
| --- |
| Alternate. el usuario no es ni Recepcionista ni Profesional    1. el sistema informa que el usuario o contraseña son incorrectos |

| **CONNECTORS** |
| --- |
| **Include** «include» Source -> Destination  From: Gesion Ingreso : UseCase, Public  To: Verficar Recepcionista : UseCase, Public |

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| --- |
| **Include** «include» Source -> Destination  From: Gesion Ingreso : UseCase, Public  To: Verficar Profesional : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Profesional : Actor, Public  To: Gesion Ingreso : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Gesion Ingreso : UseCase, Public |

### **Verficar Profesional**

*UseCase in package '00 Gestion Ingreso'*

Verficar Profesional

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 06-07-16

| **ELEMENTS OWNED BY Verficar Profesional** |
| --- |
| Verificar Profesional : Interaction |

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. el sistema toma el DNI y la contraseña ingresadas por el usuario  2. el sistema llama al caso de uso  Uses:  buscar Profesional  Alternate: *2a*. profesional no existe  3. el sistema verifica que la contraseña y el usuario coincidan  Alternate: *3a*. Usuario y contraseña no coinciden  4. el sistema devuelve todos los datos del profesional |

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| Alternate. profesional no existe    1. caso de ejecuto la excepcion ErrorUsuarioYcontraseña  2. se propaga la excepcion |

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| Alternate. Usuario y contraseña no coinciden    1. el sistema determina que el usuario y contraseña no coinciden  2. se ejecuta la excepcion ErrorUsuarioYcontraseña  3. fin del caso de uso |

| **CONNECTORS** |
| --- |
| **Include** «include» Source -> Destination  From: Verficar Profesional : UseCase, Public  To: Buscar Profesional : UseCase, Public |

|  |
| --- |
| **Include** «include» Source -> Destination  From: Gesion Ingreso : UseCase, Public  To: Verficar Profesional : UseCase, Public |

#### **Verificar Profesional**

*Interaction owned by 'Verficar Profesional', in package '00 Gestion Ingreso'*

Verificar Profesional

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **ELEMENTS OWNED BY Verificar Profesional** |
| --- |
| <anonymous> : InteractionFragment |

|  |
| --- |
| <anonymous> : InteractionFragment |

|  |
| --- |
| <anonymous> : MessageEnd |

##### **Verificar Profesional diagram**

*Interaction diagram in package '00 Gestion Ingreso'*

Verificar Profesional

Version 1.0

Jesus created on 07-07-16. Last modified 07-07-16



1. Verificar Profesional

##### **<anonymous>**

*InteractionFragment owned by 'Verificar Profesional', in package '00 Gestion Ingreso'*

<anonymous>

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

##### **<anonymous>**

*InteractionFragment owned by 'Verificar Profesional', in package '00 Gestion Ingreso'*

<anonymous>

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

##### **<anonymous>**

*MessageEnd owned by 'Verificar Profesional', in package '00 Gestion Ingreso'*

<anonymous>

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

### **Verficar Recepcionista**

*UseCase in package '00 Gestion Ingreso'*

Verficar Recepcionista

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. el sistema toma el DNI y la contraseña ingresadas por el usuario  2. el sistema llama al caso de uso  Uses:  buscar recepcionista  Alternate: *2a*. profesional no existe  3. el sistema verifica que la contraseña y el usuario coincidan  Alternate: *3a*. Usuario y contraseña no coinciden  4. el sistema devuelve todos los datos del Recepcionista |

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| --- |
| Alternate. profesional no existe    1. caso de ejecuto la excepcion ErrorUsuarioYcontraseña  2. se propaga la excepcion |

|  |
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| Alternate. Usuario y contraseña no coinciden    1. el sistema determina que el usuario y contraseña no coinciden  2. se ejecuta la excepcion ErrorUsuarioYcontraseña  3. fin del caso de uso |

| **CONNECTORS** |
| --- |
| **Include** «include» Source -> Destination  From: Verficar Recepcionista : UseCase, Public  To: Buscar Recepcionista : UseCase, Public |

|  |
| --- |
| **Include** «include» Source -> Destination  From: Gesion Ingreso : UseCase, Public  To: Verficar Recepcionista : UseCase, Public |

## **01 Gestion Turno**

*Package in package 'Casos de uso'*

01 Gestion Turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 01-06-16. Last modified 01-06-16

### **0****1 Gestion Pedido Turno**

*Package in package '01 Gestion Turno'*

01 Gestion Pedido Turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 06-05-16. Last modified 01-06-16

#### **01 Gestion Pedido Turno diagram**

*Test Domain diagram in package '01 Gestion Pedido Turno'*

01 Gestion Pedido Turno

Version 1.0

Jesus created on 06-05-16. Last modified 08-07-16



1. 01 Gestion Pedido Turno

##### **Recepcionista**

*Actor in package 'Actores'*

Recepcionista

Version 1.0 Phase 1.0 Proposed

Jesus created on 26-04-16. Last modified 26-04-16

| **CONNECTORS** |
| --- |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Buscar Turnos Afectados y asignar profesional de reemplazo : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Asignar Profesional de Reemplazo : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar Cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Gestor Modificar Turno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar en Lista de Espera : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Dar de baja Turno por ausencia del cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Dar de baja Cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: ingreso a Ausencias : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Reprogramar Turno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Buscar Turnos Afectados y asignar profesional de reemplazo : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar en Lista de Espera : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar Cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Modificar Cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar Turno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Modificar Turno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: solicitud Ausencia de prodesional : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar Turno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Gesion Ingreso : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Buscar Turnos del Dia del cliente del dia de la Fecha : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Gestionar Sobreturno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Buscar Turnos Afectados y asignar profesional de reemplazo : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Dar de baja Turno por ausencia del cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Gestion Sobreturno : UseCase, Public |
| **UseCaseLink** Unspecified  From: Solicitar Auscencia del profesional : UseCase, Public  To: Recepcionista : Actor, Public |

#### **r****epositorio temporal**

*Package in package '01 Gestion Pedido Turno'*

repositorio temporal

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

##### **Agregar\_Turno**

*Class «boundary» in package 'repositorio temporal'*

Agregar\_Turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **ATTRIBUTES** |
| --- |
| unCliente : Biz.BIZ.Entities.Cliente Private    Properties:  objectInitialiser = true  [ Is static False. Containment is Not Specified. ] |

| **OPERATIONS** |
| --- |
| BtnBuscarDNI\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = BtnBuscarDNI.Click  ea\_guid = {4F6FEDD4-A816-44f7-99F8-5325595D154B}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| BtnRegistrarTurno\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = BtnRegistrarTurno.Click  ea\_guid = {1DEE0FC1-31F3-46ce-AC85-12D95C949578}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| BuscarTurnos\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = BuscarTurnos.Click  ea\_guid = {075EFB9B-1EDC-4755-84D0-02029704AEA0}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| Calendario1\_ValueChanged (sender : Object , e : EventArgs ) : Private    Properties:  Handles = Calendario1.ValueChanged  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| ComboServicios\_SelectedIndexChanged (sender : Object , e : EventArgs ) : Private    Properties:  Handles = ComboServicios.SelectedIndexChanged  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| NoelegirTurno () : Private  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### **Agregar\_Turno**

*Class «boundary» in package 'repositorio temporal'*

Agregar\_Turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **ATTRIBUTES** |
| --- |
| unCliente : Biz.BIZ.Entities.Cliente Private    Properties:  objectInitialiser = true  [ Is static False. Containment is Not Specified. ] |

| **OPERATIONS** |
| --- |
| BtnBuscarDNI\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = BtnBuscarDNI.Click  ea\_guid = {4B6A464A-6916-4536-BA34-0F354A7F6087}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| BtnRegistrarTurno\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = BtnRegistrarTurno.Click  ea\_guid = {6AB89A44-207B-4065-A760-4289C24224F5}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| BuscarTurnos\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = BuscarTurnos.Click  ea\_guid = {1B18521F-5081-441a-AA68-1A4B12269987}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| Calendario1\_ValueChanged (sender : Object , e : EventArgs ) : Private    Properties:  Handles = Calendario1.ValueChanged  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| ComboServicios\_SelectedIndexChanged (sender : Object , e : EventArgs ) : Private    Properties:  Handles = ComboServicios.SelectedIndexChanged  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| NoelegirTurno () : Private  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### **Agregar\_Turno**

*Class «boundary» in package 'repositorio temporal'*

Agregar\_Turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **ATTRIBUTES** |
| --- |
| unCliente : Biz.BIZ.Entities.Cliente Private    Properties:  objectInitialiser = true  [ Is static False. Containment is Not Specified. ] |

| **OPERATIONS** |
| --- |
| BtnBuscarDNI\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = BtnBuscarDNI.Click  ea\_guid = {A00D971A-9C68-4a73-94CF-1F57B15CDC81}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| BtnRegistrarTurno\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = BtnRegistrarTurno.Click  ea\_guid = {B67E94CA-8AA6-4cf7-AC14-0E7869179C48}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| BuscarTurnos\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = BuscarTurnos.Click  ea\_guid = {F704EA8F-53B1-4818-9388-5028888471A4}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| Calendario1\_ValueChanged (sender : Object , e : EventArgs ) : Private    Properties:  Handles = Calendario1.ValueChanged  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| ComboServicios\_SelectedIndexChanged (sender : Object , e : EventArgs ) : Private    Properties:  Handles = ComboServicios.SelectedIndexChanged  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| NoelegirTurno () : Private  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### **Agregar\_Turno**

*Class «boundary» in package 'repositorio temporal'*

Agregar\_Turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **ATTRIBUTES** |
| --- |
| unCliente : Biz.BIZ.Entities.Cliente Private    Properties:  objectInitialiser = true  [ Is static False. Containment is Not Specified. ] |

| **OPERATIONS** |
| --- |
| BtnBuscarDNI\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = BtnBuscarDNI.Click  ea\_guid = {778579B6-C4FE-4320-AC52-CABE422F4A26}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| BtnRegistrarTurno\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = BtnRegistrarTurno.Click  ea\_guid = {1469185C-1AC1-4017-9198-A0840FD16EEE}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| BuscarTurnos\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = BuscarTurnos.Click  ea\_guid = {662EB516-4867-490e-A1C2-15D7A6674AF7}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| Calendario1\_ValueChanged (sender : Object , e : EventArgs ) : Private    Properties:  Handles = Calendario1.ValueChanged  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| ComboServicios\_SelectedIndexChanged (sender : Object , e : EventArgs ) : Private    Properties:  Handles = ComboServicios.SelectedIndexChanged  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| NoelegirTurno () : Private  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### **Cliente**

*Class in package 'repositorio temporal'*

Cliente

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **OPERATIONS** |
| --- |
| BuscarCliente (DNI : Integer ) : Biz.BIZ.Entities.Cliente Public  Se ingresa un DNI y el mismo retorna una instancia de la clase cliente que pertenece el DNI  @returns Cliente si el cliente no existe retorna nothing  @remark    Properties:  ea\_guid = {627EA708-4EEB-452c-9B38-311D203F1FBA}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| Comprobar (InformacionABuscar : Integer , NombreDeCelda : String ) : Boolean Public  comprueba si el si la informacion a buscar existe en la celda elegida de la base de datos  @returns TRUE si la informacion buscada existe en BD  @remark  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| GuardarCliente (unCliente : Biz.BIZ.Entities.Cliente ) : Public  Guarda en la base de datos el Cliente que es enviado en la funcion como un nuevo registro  @remark  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### **Conexion**

*Class in package 'repositorio temporal'*

Conexion

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **ATTRIBUTES** |
| --- |
| \_estrategiaConexion : IProveedorBD Private  [ Is static False. Containment is Not Specified. ] |

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

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

|  |
| --- |
| EjecutarEscalar (query : String , parametros : List(Of Parametro) ) : T Public    Properties:  generic = (Of T)  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| EjecutarSinResultado (query : String , parametros : List(Of Parametro) ) : Public    Properties:  ea\_guid = {A33BCD42-9DEA-42f2-83F9-AE5D3FBA4F37}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| EjecutarTupla (query : String , parametros : List(Of Parametro) ) : List(Of T) Public    Properties:  generic = (Of T As New)  ea\_guid = {6988BF2B-AAA9-45bc-B8BF-2D9317DDE4AC}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| New (estrategiaElegida : EstrategiasDbEnum , servidor : String , catalogo : String ) : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionAceptar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionCancelar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionIniciar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### **Conexion**

*Class in package 'repositorio temporal'*

Conexion

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **ATTRIBUTES** |
| --- |
| \_estrategiaConexion : IProveedorBD Private  [ Is static False. Containment is Not Specified. ] |

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

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

|  |
| --- |
| EjecutarEscalar (query : String , parametros : List(Of Parametro) ) : T Public    Properties:  generic = (Of T)  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| EjecutarSinResultado (query : String , parametros : List(Of Parametro) ) : Public    Properties:  ea\_guid = {C46BF5C4-D368-49c0-BB13-213F38988C21}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| EjecutarTupla (query : String , parametros : List(Of Parametro) ) : List(Of T) Public    Properties:  generic = (Of T As New)  ea\_guid = {BFB1F0BE-CB53-46fc-87A0-A6A5E9720BC3}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| New (estrategiaElegida : EstrategiasDbEnum , servidor : String , catalogo : String ) : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionAceptar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionCancelar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionIniciar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### **Conexion**

*Class in package 'repositorio temporal'*

Conexion

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **ATTRIBUTES** |
| --- |
| \_estrategiaConexion : IProveedorBD Private  [ Is static False. Containment is Not Specified. ] |

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

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

|  |
| --- |
| EjecutarEscalar (query : String , parametros : List(Of Parametro) ) : T Public    Properties:  generic = (Of T)  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| EjecutarSinResultado (query : String , parametros : List(Of Parametro) ) : Public    Properties:  ea\_guid = {63AEB358-0B81-4073-B6FD-97F5E5D40BA3}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| EjecutarTupla (query : String , parametros : List(Of Parametro) ) : List(Of T) Public    Properties:  generic = (Of T As New)  ea\_guid = {95D51E29-9AE2-44fe-9A54-FDA58672021D}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| New (estrategiaElegida : EstrategiasDbEnum , servidor : String , catalogo : String ) : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionAceptar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionCancelar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionIniciar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### **Conexion**

*Class in package 'repositorio temporal'*

Conexion

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **ATTRIBUTES** |
| --- |
| \_estrategiaConexion : IProveedorBD Private  [ Is static False. Containment is Not Specified. ] |

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

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

|  |
| --- |
| EjecutarEscalar (query : String , parametros : List(Of Parametro) ) : T Public    Properties:  generic = (Of T)  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| EjecutarSinResultado (query : String , parametros : List(Of Parametro) ) : Public    Properties:  ea\_guid = {D234332E-3E33-4a2c-9141-20F2DB968564}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| EjecutarTupla (query : String , parametros : List(Of Parametro) ) : List(Of T) Public    Properties:  generic = (Of T As New)  ea\_guid = {FDFEDF07-BDA8-44d3-AD02-DF28EC255911}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| New (estrategiaElegida : EstrategiasDbEnum , servidor : String , catalogo : String ) : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionAceptar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionCancelar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionIniciar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### **GestionCliente**

*Class in package 'repositorio temporal'*

GestionCliente

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **OPERATIONS** |
| --- |
| BuscarCliente (DNI : Integer ) : Biz.BIZ.Entities.Cliente Public  Busca un cliente en la base de datos antes comprueba que el DNI exista. en Caso de no existir se llama a la excepcion  @returns  @remark    Properties:  ea\_guid = {F34ABC2C-EAE6-4f77-B62F-202455030564}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| comprobarDNI (DNI : Integer ) : Private  Comprueba si el Nro de DNI es un numero valido en caso de no existir se llama a la excepcion exClienteNoExiste  @remark  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| ExisteCliente (unCliente : Cliente ) : Boolean Private  Verifica si el cliente ya existe en el sistema  @returns En caso de existir el cliente devuelve true  @remark  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| GuardarCliente (unCliente : Cliente ) : Boolean Public  guarda el cliente en la BD  @returns en caso de existir un error o que no se pueda guardar, devuelve False  @remark  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### **GestorTurno**

*Class in package 'repositorio temporal'*

GestorTurno

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **OPERATIONS** |
| --- |
| comprobarfecha (Fecha : Date ) : Public  comprueba que la fecha enviada sea mayor al dia de la fecha, en caso contrario llama a la excepcion ExFechaInvalida  @remark  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| EnviarMail (unTurno : Biz.BIZ.Entities.Turno , unCliente : Biz.BIZ.Entities.Cliente ) : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| Guardar (unTurno : Biz.BIZ.Entities.Turno ) : Public  Guarda en la tabla turnos el turno enviado  @remark    Properties:  ea\_guid = {FF423357-4DA7-47d9-AEF6-1CBBDFD78BDF}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosClientefechaActual (Fecha : Date , cliente : Biz.BIZ.Entities.Cliente ) : List Public    Properties:  ea\_guid = {C76BF490-0C97-4902-B2AD-97379547B7F8}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosClientefechaFutura (Cliente : Biz.BIZ.Entities.Cliente ) : List Public    Properties:  ea\_guid = {7A7C5633-F8B2-4bda-8BD4-00AF8B5B264B}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosFecha (Fecha : Date , IdOSoPrePa : Integer , Servicio : Biz.BIZ.Entities.Servicio ) : List Public  Trae Todo los turnos DISPONIBLES para el dia, Turno, servicio y el OSoPrePa solicitado  @returns  @remark    Properties:  ea\_guid = {31B1A244-22B0-4a8e-AE3A-670AD436BBDB}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### **GestorTurno**

*Class in package 'repositorio temporal'*

GestorTurno

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **OPERATIONS** |
| --- |
| comprobarfecha (Fecha : Date ) : Public  comprueba que la fecha enviada sea mayor al dia de la fecha, en caso contrario llama a la excepcion ExFechaInvalida  @remark  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| EnviarMail (unTurno : Biz.BIZ.Entities.Turno , unCliente : Biz.BIZ.Entities.Cliente ) : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| Guardar (unTurno : Biz.BIZ.Entities.Turno ) : Public  Guarda en la tabla turnos el turno enviado  @remark    Properties:  ea\_guid = {F7974380-4795-4afd-8770-5803D9814629}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosClientefechaActual (Fecha : Date , cliente : Biz.BIZ.Entities.Cliente ) : List Public    Properties:  ea\_guid = {3E01CBDB-A121-466c-A7D3-B41CCFD53FBE}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosClientefechaFutura (Cliente : Biz.BIZ.Entities.Cliente ) : List Public    Properties:  ea\_guid = {4E3AA49F-32BB-450b-9DD9-74C648826F6A}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosFecha (Fecha : Date , IdOSoPrePa : Integer , Servicio : Biz.BIZ.Entities.Servicio ) : List Public  Trae Todo los turnos DISPONIBLES para el dia, Turno, servicio y el OSoPrePa solicitado  @returns  @remark    Properties:  ea\_guid = {EFB1DD37-60E4-4583-8907-9382DC110721}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### **Servicio**

*Class in package 'repositorio temporal'*

Servicio

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **OPERATIONS** |
| --- |
| TiempoServicio (Servicio : Biz.BIZ.Entities.Servicio ) : Long Public  Busca en la tabla Servicio el tiempo estimado en minutos de cada servicio  @returns tiempo estimado en minutos  @remark    Properties:  ea\_guid = {3BA83DE9-4C7C-4f1f-8253-C8B2ED56AEE1}  [ Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| TraerTodos () : List Public  Trae una lista con todos los servicios disponibles  @returns lista de biz.Servicio  @remark    Properties:  ea\_guid = {585D0A4F-3490-4f0b-9DB8-AED51A60766E}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### **Turno**

*Class in package 'repositorio temporal'*

Turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **OPERATIONS** |
| --- |
| Guardar (unTurno : Biz.BIZ.Entities.Turno ) : Public  Guarda en la base de datos el turno seleccionado  @remark    Properties:  ea\_guid = {631C3BA5-68FA-4bfd-8635-4239069EB349}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| TraerTurnosClientefechaActual (Fecha : Date , IdOSoPrePa : Integer , Servicio : Entities.Servicio , cliente : Entities.Cliente ) : List Public    Properties:  ea\_guid = {7853FFFB-7503-486c-8526-E08CC9D832F9}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| TraerTurnosClientefechaFutura (Cliente : Entities.Cliente ) : List Public    Properties:  ea\_guid = {83F0B652-724F-45db-BFAC-26BDFC797690}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosDisponiblesFecha (Fecha : Date , OSoPrePa : Integer , servicio : Biz.BIZ.Entities.Servicio ) : Object Public  se genera la lista de turnos totales segun el dia de la semana, el servicio y el OSoPrePa  @returns Lista de Turnos disponibles list (of Turnos)  @remark    Properties:  ea\_guid = {D47F1F18-7505-46ab-B803-AA022E9B6046}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosOcupados (Fecha : Date , c : Conexion ) : List Private  Trae todos los turnos Ocupados. Se debe establecer una conexion antes  @returns lista de turnos ocupados  @remark    Properties:  ea\_guid = {A3C5C10C-5D80-4c88-92EF-0DA211491734}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### **Turno**

*Class in package 'repositorio temporal'*

Turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **OPERATIONS** |
| --- |
| Guardar (unTurno : Biz.BIZ.Entities.Turno ) : Public  Guarda en la base de datos el turno seleccionado  @remark    Properties:  ea\_guid = {89E78991-3B4E-4269-8844-5DE531F17308}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| TraerTurnosClientefechaActual (Fecha : Date , IdOSoPrePa : Integer , Servicio : Entities.Servicio , cliente : Entities.Cliente ) : List Public    Properties:  ea\_guid = {2C696FA2-3913-430b-9D48-48E6E9285FC4}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| TraerTurnosClientefechaFutura (Cliente : Entities.Cliente ) : List Public    Properties:  ea\_guid = {D9740AAD-C742-4ba0-8C24-AA6E803B4AB5}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosDisponiblesFecha (Fecha : Date , OSoPrePa : Integer , servicio : Biz.BIZ.Entities.Servicio ) : Object Public  se genera la lista de turnos totales segun el dia de la semana, el servicio y el OSoPrePa  @returns Lista de Turnos disponibles list (of Turnos)  @remark    Properties:  ea\_guid = {594C6679-46D2-4c40-9D25-AEC1BA81D1E6}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosOcupados (Fecha : Date , c : Conexion ) : List Private  Trae todos los turnos Ocupados. Se debe establecer una conexion antes  @returns lista de turnos ocupados  @remark    Properties:  ea\_guid = {A41BD5D2-CEB1-4ce9-9088-26564C69597B}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

#### **Buscar Cliente**

*UseCase in package '01 Gestion Pedido Turno'*

Buscar Cliente

Version 1.0 Phase 1.0 Proposed

Jesus created on 06-05-16. Last modified 06-05-16

| **ELEMENTS OWNED BY Buscar Cliente** |
| --- |
| Interaction : Interaction |

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. el recepcionista ingresa el DNI del cliente  2. el sistema busca en la base de datos por medio del cliente los datos del cliente  Alternate: *2a*. Cliente no encontrado  3. El sistema devuelve los datos del cliente |

|  |
| --- |
| Alternate. Cliente no encontrado    1. el sistema informa que no se encontro el cliente  2. el sistema devuelve un mensaje NULL  3. fin del caso de uso |

| **CONNECTORS** |
| --- |
| **Include** «include» Source -> Destination  From: Buscar Turnos Del Cliente del dia de la fecha : UseCase, Public  To: Buscar Cliente : UseCase, Public |

|  |
| --- |
| **Include** «include» Source -> Destination  From: Registrar Turno : UseCase, Public  To: Buscar Cliente : UseCase, Public |

|  |
| --- |
| **Include** «include» Source -> Destination  From: Buscar Turnos Concretados para fechas futuras : UseCase, Public  To: Buscar Cliente : UseCase, Public |

##### **Interaction**

*Interaction owned by 'Buscar Cliente', in package '01 Gestion Pedido Turno'*

Interaction

Version 1.0 Phase 1.0 Proposed

Jesus created on 26-05-16. Last modified 26-05-16

| **ELEMENTS OWNED BY Interaction** |
| --- |
| Recepcion : Actor |

###### **Interaction diagram**

*Interaction diagram in package '01 Gestion Pedido Turno'*

Interaction

Version 1.0

Jesus created on 26-05-16. Last modified 07-07-16



1. Interaction

**Agregar\_Turno**

*Class «boundary» in package 'repositorio temporal'*

Agregar\_Turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **ATTRIBUTES** |
| --- |
| unCliente : Biz.BIZ.Entities.Cliente Private    Properties:  objectInitialiser = true  [ Is static False. Containment is Not Specified. ] |

| **OPERATIONS** |
| --- |
| BtnBuscarDNI\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = BtnBuscarDNI.Click  ea\_guid = {A00D971A-9C68-4a73-94CF-1F57B15CDC81}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| BtnRegistrarTurno\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = BtnRegistrarTurno.Click  ea\_guid = {B67E94CA-8AA6-4cf7-AC14-0E7869179C48}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| BuscarTurnos\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = BuscarTurnos.Click  ea\_guid = {F704EA8F-53B1-4818-9388-5028888471A4}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| Calendario1\_ValueChanged (sender : Object , e : EventArgs ) : Private    Properties:  Handles = Calendario1.ValueChanged  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| ComboServicios\_SelectedIndexChanged (sender : Object , e : EventArgs ) : Private    Properties:  Handles = ComboServicios.SelectedIndexChanged  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| NoelegirTurno () : Private  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

**Cliente**

*Class in package 'repositorio temporal'*

Cliente

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **OPERATIONS** |
| --- |
| BuscarCliente (DNI : Integer ) : Biz.BIZ.Entities.Cliente Public  Se ingresa un DNI y el mismo retorna una instancia de la clase cliente que pertenece el DNI  @returns Cliente si el cliente no existe retorna nothing  @remark    Properties:  ea\_guid = {627EA708-4EEB-452c-9B38-311D203F1FBA}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| Comprobar (InformacionABuscar : Integer , NombreDeCelda : String ) : Boolean Public  comprueba si el si la informacion a buscar existe en la celda elegida de la base de datos  @returns TRUE si la informacion buscada existe en BD  @remark  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| GuardarCliente (unCliente : Biz.BIZ.Entities.Cliente ) : Public  Guarda en la base de datos el Cliente que es enviado en la funcion como un nuevo registro  @remark  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

**Conexion**

*Class in package 'repositorio temporal'*

Conexion

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **ATTRIBUTES** |
| --- |
| \_estrategiaConexion : IProveedorBD Private  [ Is static False. Containment is Not Specified. ] |

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

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

|  |
| --- |
| EjecutarEscalar (query : String , parametros : List(Of Parametro) ) : T Public    Properties:  generic = (Of T)  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| EjecutarSinResultado (query : String , parametros : List(Of Parametro) ) : Public    Properties:  ea\_guid = {C46BF5C4-D368-49c0-BB13-213F38988C21}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| EjecutarTupla (query : String , parametros : List(Of Parametro) ) : List(Of T) Public    Properties:  generic = (Of T As New)  ea\_guid = {BFB1F0BE-CB53-46fc-87A0-A6A5E9720BC3}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| New (estrategiaElegida : EstrategiasDbEnum , servidor : String , catalogo : String ) : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionAceptar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionCancelar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionIniciar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

**GestionCliente**

*Class in package 'repositorio temporal'*

GestionCliente

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **OPERATIONS** |
| --- |
| BuscarCliente (DNI : Integer ) : Biz.BIZ.Entities.Cliente Public  Busca un cliente en la base de datos antes comprueba que el DNI exista. en Caso de no existir se llama a la excepcion  @returns  @remark    Properties:  ea\_guid = {F34ABC2C-EAE6-4f77-B62F-202455030564}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| comprobarDNI (DNI : Integer ) : Private  Comprueba si el Nro de DNI es un numero valido en caso de no existir se llama a la excepcion exClienteNoExiste  @remark  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| ExisteCliente (unCliente : Cliente ) : Boolean Private  Verifica si el cliente ya existe en el sistema  @returns En caso de existir el cliente devuelve true  @remark  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| GuardarCliente (unCliente : Cliente ) : Boolean Public  guarda el cliente en la BD  @returns en caso de existir un error o que no se pueda guardar, devuelve False  @remark  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| **INTERACTION MESSAGES** |
| **1.0 'BtnBuscarDNI\_Click(Object, EventArgs)'** from 'Recepcion' sent to 'Agregar\_Turno'.  Synchronous Call.  [ Return is False. Iteration is False. New group is False. ] |

|  |
| --- |
| **1.1 'BuscarCliente(Integer)'** from 'Agregar\_Turno' sent to 'GestionCliente'.  Synchronous Call. Returns Biz.BIZ.Entities.Cliente.  [ Return is False. Iteration is False. New group is False. ] |

|  |
| --- |
| **1.2 'BuscarCliente(Integer)'** from 'GestionCliente' sent to 'Cliente'.  Synchronous Call. Returns Biz.BIZ.Entities.Cliente.  [ Return is False. Iteration is False. New group is False. ] |
| **1.3 'EjecutarTupla(String, List(Of Parametro))'** from 'Cliente' sent to 'Conexion'.  Synchronous Call. Returns List(Of T).  [ Return is False. Iteration is False. New group is False. ] |
| **1.4 'BuscarCliente(Integer)'** from 'Conexion' sent to 'Cliente'.  Synchronous Call. Returns Biz.BIZ.Entities.Cliente.  [ Return is True. Iteration is False. New group is False. ] |
| **1.5 'BuscarCliente(Integer)'** from 'Cliente' sent to 'GestionCliente'.  Synchronous Call. Returns Biz.BIZ.Entities.Cliente.  [ Return is True. Iteration is False. New group is False. ] |
| **1.6 'BtnBuscarDNI\_Click(Object, EventArgs)'** from 'GestionCliente' sent to 'Agregar\_Turno'.  Synchronous Call.  [ Return is True. Iteration is False. New group is False. ] |
| **1.7 ''** from 'Agregar\_Turno' sent to 'Recepcion'.  Synchronous Call. Returns void.  [ Return is True. Iteration is False. New group is False. ] |

###### **Recepcion**

*Actor owned by 'Interaction', in package '01 Gestion Pedido Turno'*

Recepcion

Version 1.0 Phase 1.0 Proposed

Usuario created on 07-07-16. Last modified 07-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| Name: BtnBuscarDNI\_Click(Object, EventArgs)  Sequence from Recepcion to «boundary» Agregar\_Turno |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| Sequence from «boundary» Agregar\_Turno to Recepcion |

#### **Buscar Servicios**

*UseCase in package '01 Gestion Pedido Turno'*

Buscar Servicios

Version 1.0 Phase 1.0 Proposed

Jesus created on 06-05-16. Last modified 06-05-16

| **ELEMENTS OWNED BY Buscar Servicios** |
| --- |
| Buscar Servicios : Interaction |

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. El sistema busca todos los servicios disponibles  2. El sistema devuelve una lista con todos los servicios disponibles |

| **CONNECTORS** |
| --- |
| **Include** «include» Source -> Destination  From: Registrar Turno : UseCase, Public  To: Buscar Servicios : UseCase, Public |

##### **Buscar Servicios**

*Interaction owned by 'Buscar Servicios', in package '01 Gestion Pedido Turno'*

Buscar Servicios

Version 1.0 Phase 1.0 Proposed

Jesus created on 31-05-16. Last modified 31-05-16

| **ELEMENTS OWNED BY Buscar Servicios** |
| --- |
| Recepcion : Actor |

###### **Buscar Servicios diagram**

*Interaction diagram in package '01 Gestion Pedido Turno'*

Buscar Servicios

Version 1.0

Jesus created on 31-05-16. Last modified 07-07-16



1. Buscar Servicios

**Agregar\_Turno**

*Class «boundary» in package 'repositorio temporal'*

Agregar\_Turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **ATTRIBUTES** |
| --- |
| unCliente : Biz.BIZ.Entities.Cliente Private    Properties:  objectInitialiser = true  [ Is static False. Containment is Not Specified. ] |

| **OPERATIONS** |
| --- |
| BtnBuscarDNI\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = BtnBuscarDNI.Click  ea\_guid = {778579B6-C4FE-4320-AC52-CABE422F4A26}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| BtnRegistrarTurno\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = BtnRegistrarTurno.Click  ea\_guid = {1469185C-1AC1-4017-9198-A0840FD16EEE}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| BuscarTurnos\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = BuscarTurnos.Click  ea\_guid = {662EB516-4867-490e-A1C2-15D7A6674AF7}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| Calendario1\_ValueChanged (sender : Object , e : EventArgs ) : Private    Properties:  Handles = Calendario1.ValueChanged  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| ComboServicios\_SelectedIndexChanged (sender : Object , e : EventArgs ) : Private    Properties:  Handles = ComboServicios.SelectedIndexChanged  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| NoelegirTurno () : Private  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

**Conexion**

*Class in package 'repositorio temporal'*

Conexion

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **ATTRIBUTES** |
| --- |
| \_estrategiaConexion : IProveedorBD Private  [ Is static False. Containment is Not Specified. ] |

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

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

|  |
| --- |
| EjecutarEscalar (query : String , parametros : List(Of Parametro) ) : T Public    Properties:  generic = (Of T)  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| EjecutarSinResultado (query : String , parametros : List(Of Parametro) ) : Public    Properties:  ea\_guid = {D234332E-3E33-4a2c-9141-20F2DB968564}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| EjecutarTupla (query : String , parametros : List(Of Parametro) ) : List(Of T) Public    Properties:  generic = (Of T As New)  ea\_guid = {FDFEDF07-BDA8-44d3-AD02-DF28EC255911}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| New (estrategiaElegida : EstrategiasDbEnum , servidor : String , catalogo : String ) : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionAceptar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionCancelar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionIniciar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

**Servicio**

*Class in package 'repositorio temporal'*

Servicio

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **OPERATIONS** |
| --- |
| TiempoServicio (Servicio : Biz.BIZ.Entities.Servicio ) : Long Public  Busca en la tabla Servicio el tiempo estimado en minutos de cada servicio  @returns tiempo estimado en minutos  @remark    Properties:  ea\_guid = {3BA83DE9-4C7C-4f1f-8253-C8B2ED56AEE1}  [ Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| TraerTodos () : List Public  Trae una lista con todos los servicios disponibles  @returns lista de biz.Servicio  @remark    Properties:  ea\_guid = {585D0A4F-3490-4f0b-9DB8-AED51A60766E}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| **INTERACTION MESSAGES** |
| **1.0 'BuscarTurnos\_Click(Object, EventArgs)'** from 'Recepcion' sent to 'Agregar\_Turno'.  Synchronous Call.  [ Return is False. Iteration is False. New group is False. ] |

|  |
| --- |
| **1.1 'TraerTodos()'** from 'Agregar\_Turno' sent to 'Servicio'.  Synchronous Call. Returns List.  [ Return is False. Iteration is False. New group is False. ] |

|  |
| --- |
| **1.2 'EjecutarTupla(String, List(Of Parametro))'** from 'Servicio' sent to 'Conexion'.  Synchronous Call. Returns List(Of T).  [ Return is False. Iteration is False. New group is False. ] |
| **1.3 'TraerTodos()'** from 'Conexion' sent to 'Servicio'.  Synchronous Call. Returns List.  [ Return is True. Iteration is False. New group is False. ] |
| **1.4 'BtnBuscarDNI\_Click(Object, EventArgs)'** from 'Servicio' sent to 'Agregar\_Turno'.  Synchronous Call.  [ Return is True. Iteration is False. New group is False. ] |
| **1.5 'BuscarTurnosClick'** from 'Agregar\_Turno' sent to 'Recepcion'.  Synchronous Call. Returns listaServicios.  [ Return is True. Iteration is False. New group is False. ] |

###### **Recepcion**

*Actor owned by 'Buscar Servicios', in package '01 Gestion Pedido Turno'*

Recepcion

Version 1.0 Phase 1.0 Proposed

Usuario created on 07-07-16. Last modified 07-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| Name: BuscarTurnos\_Click(Object, EventArgs)  Sequence from Recepcion to «boundary» Agregar\_Turno |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| Name: BuscarTurnosClick  Sequence from «boundary» Agregar\_Turno to Recepcion |

#### **Buscar Turnos Disponibles**

*UseCase in package '01 Gestion Pedido Turno'*

Buscar Turnos Disponibles

Version 1.0 Phase 1.0 Proposed

Jesus created on 06-05-16. Last modified 06-05-16

| **ELEMENTS OWNED BY Buscar Turnos Disponibles** |
| --- |
| Buscar Turnos Disponibles : Interaction |

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. el recepcionista ingresa el srevicio deseado  2. el sistema busca en la base de datos todos los turnos disponibles, osea aquellos que todavia no fueron reservados  Alternate: *2a*. no hay turnos disponibles  3. el sistema devuelve una lista con todos los turnos disponibles: dia, hora, fecha |

|  |
| --- |
| Alternate. no hay turnos disponibles    1. el sistema informa que no existen turnos disponibles  2. el sistema devuelve un objeto del tipo NULL |

| **CONNECTORS** |
| --- |
| **Extend** «extend» Source -> Destination  From: Registrar Turno : UseCase, Public  To: Buscar Turnos Disponibles : UseCase, Public |

|  |
| --- |
| **Include** «include» Source -> Destination  From: Registrar Turno : UseCase, Public  To: Buscar Turnos Disponibles : UseCase, Public |

##### **Buscar Turnos Disponibles**

*Interaction owned by 'Buscar Turnos Disponibles', in package '01 Gestion Pedido Turno'*

Buscar Turnos Disponibles

Version 1.0 Phase 1.0 Proposed

Jesus created on 31-05-16. Last modified 31-05-16

| **ELEMENTS OWNED BY Buscar Turnos Disponibles** |
| --- |
| Recepcion : Actor |

|  |
| --- |
| <anonymous> : InteractionFragment |

|  |
| --- |
| Try : InteractionFragment |
| Try : InteractionFragment |
| Try : InteractionFragment |
| Try : InteractionFragment |

###### **Buscar Turnos Disponibles diagram**

*Interaction diagram in package '01 Gestion Pedido Turno'*

Buscar Turnos Disponibles

Version 1.0

Jesus created on 31-05-16. Last modified 07-07-16



1. Buscar Turnos Disponibles

**Agregar\_Turno**

*Class «boundary» in package 'repositorio temporal'*

Agregar\_Turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **ATTRIBUTES** |
| --- |
| unCliente : Biz.BIZ.Entities.Cliente Private    Properties:  objectInitialiser = true  [ Is static False. Containment is Not Specified. ] |

| **OPERATIONS** |
| --- |
| BtnBuscarDNI\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = BtnBuscarDNI.Click  ea\_guid = {4B6A464A-6916-4536-BA34-0F354A7F6087}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| BtnRegistrarTurno\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = BtnRegistrarTurno.Click  ea\_guid = {6AB89A44-207B-4065-A760-4289C24224F5}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| BuscarTurnos\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = BuscarTurnos.Click  ea\_guid = {1B18521F-5081-441a-AA68-1A4B12269987}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| Calendario1\_ValueChanged (sender : Object , e : EventArgs ) : Private    Properties:  Handles = Calendario1.ValueChanged  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| ComboServicios\_SelectedIndexChanged (sender : Object , e : EventArgs ) : Private    Properties:  Handles = ComboServicios.SelectedIndexChanged  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| NoelegirTurno () : Private  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

**Conexion**

*Class in package 'repositorio temporal'*

Conexion

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **ATTRIBUTES** |
| --- |
| \_estrategiaConexion : IProveedorBD Private  [ Is static False. Containment is Not Specified. ] |

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

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

|  |
| --- |
| EjecutarEscalar (query : String , parametros : List(Of Parametro) ) : T Public    Properties:  generic = (Of T)  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| EjecutarSinResultado (query : String , parametros : List(Of Parametro) ) : Public    Properties:  ea\_guid = {63AEB358-0B81-4073-B6FD-97F5E5D40BA3}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| EjecutarTupla (query : String , parametros : List(Of Parametro) ) : List(Of T) Public    Properties:  generic = (Of T As New)  ea\_guid = {95D51E29-9AE2-44fe-9A54-FDA58672021D}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| New (estrategiaElegida : EstrategiasDbEnum , servidor : String , catalogo : String ) : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionAceptar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionCancelar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionIniciar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

**GestorTurno**

*Class in package 'repositorio temporal'*

GestorTurno

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **OPERATIONS** |
| --- |
| comprobarfecha (Fecha : Date ) : Public  comprueba que la fecha enviada sea mayor al dia de la fecha, en caso contrario llama a la excepcion ExFechaInvalida  @remark  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| EnviarMail (unTurno : Biz.BIZ.Entities.Turno , unCliente : Biz.BIZ.Entities.Cliente ) : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| Guardar (unTurno : Biz.BIZ.Entities.Turno ) : Public  Guarda en la tabla turnos el turno enviado  @remark    Properties:  ea\_guid = {F7974380-4795-4afd-8770-5803D9814629}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosClientefechaActual (Fecha : Date , cliente : Biz.BIZ.Entities.Cliente ) : List Public    Properties:  ea\_guid = {3E01CBDB-A121-466c-A7D3-B41CCFD53FBE}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosClientefechaFutura (Cliente : Biz.BIZ.Entities.Cliente ) : List Public    Properties:  ea\_guid = {4E3AA49F-32BB-450b-9DD9-74C648826F6A}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosFecha (Fecha : Date , IdOSoPrePa : Integer , Servicio : Biz.BIZ.Entities.Servicio ) : List Public  Trae Todo los turnos DISPONIBLES para el dia, Turno, servicio y el OSoPrePa solicitado  @returns  @remark    Properties:  ea\_guid = {EFB1DD37-60E4-4583-8907-9382DC110721}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

**Turno**

*Class in package 'repositorio temporal'*

Turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **OPERATIONS** |
| --- |
| Guardar (unTurno : Biz.BIZ.Entities.Turno ) : Public  Guarda en la base de datos el turno seleccionado  @remark    Properties:  ea\_guid = {89E78991-3B4E-4269-8844-5DE531F17308}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| TraerTurnosClientefechaActual (Fecha : Date , IdOSoPrePa : Integer , Servicio : Entities.Servicio , cliente : Entities.Cliente ) : List Public    Properties:  ea\_guid = {2C696FA2-3913-430b-9D48-48E6E9285FC4}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| TraerTurnosClientefechaFutura (Cliente : Entities.Cliente ) : List Public    Properties:  ea\_guid = {D9740AAD-C742-4ba0-8C24-AA6E803B4AB5}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosDisponiblesFecha (Fecha : Date , OSoPrePa : Integer , servicio : Biz.BIZ.Entities.Servicio ) : Object Public  se genera la lista de turnos totales segun el dia de la semana, el servicio y el OSoPrePa  @returns Lista de Turnos disponibles list (of Turnos)  @remark    Properties:  ea\_guid = {594C6679-46D2-4c40-9D25-AEC1BA81D1E6}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosOcupados (Fecha : Date , c : Conexion ) : List Private  Trae todos los turnos Ocupados. Se debe establecer una conexion antes  @returns lista de turnos ocupados  @remark    Properties:  ea\_guid = {A41BD5D2-CEB1-4ce9-9088-26564C69597B}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| **INTERACTION MESSAGES** |
| **1.0 'BuscarTurnos\_Click(Object, EventArgs)'** from 'Recepcion' sent to 'Agregar\_Turno'.  Synchronous Call.  [ Return is False. Iteration is False. New group is False. ] |

|  |
| --- |
| **1.1 'TraerTurnosFecha(Date, Integer, Biz.BIZ.Entities.Servicio)'** from 'Agregar\_Turno' sent to 'GestorTurno'.  Synchronous Call. Returns List.  [ Return is False. Iteration is False. New group is False. ] |

|  |
| --- |
| **1.2 'TraerTurnosDisponiblesFecha(Date, Integer, Biz.BIZ.Entities.Servicio)'** from 'GestorTurno' sent to 'Turno'.  Synchronous Call. Returns Object.  [ Return is False. Iteration is False. New group is False. ] |
| **1.3 'EjecutarTupla(String, List(Of Parametro))'** from 'Turno' sent to 'Conexion'.  Synchronous Call. Returns List(Of T).  [ Return is False. Iteration is False. New group is False. ] |
| **1.4 'TraerTurnosDisponiblesFecha(Date, Integer, Biz.BIZ.Entities.Servicio)'** from 'Conexion' sent to 'Turno'.  Synchronous Call. Returns Object.  [ Return is True. Iteration is False. New group is False. ] |
| **1.5 'Generar Lista de Turnos'** from 'Turno' sent to 'Turno'.  Synchronous Call. Returns void.  [ Return is False. Iteration is False. New group is False. ] |
| **1.6 'EjecutarTupla(String, List(Of Parametro))'** from 'Turno' sent to 'Conexion'.  Synchronous Call. Returns List(Of T).  [ Return is False. Iteration is False. New group is False. ] |
| **1.7 'TraerTurnosOcupados(Date, Conexion)'** from 'Conexion' sent to 'Turno'.  Synchronous Call. Returns List.  [ Return is True. Iteration is False. New group is False. ] |
| **1.8 'Generar Turnos Disponibles'** from 'Turno' sent to 'Turno'.  Synchronous Call. Returns void.  [ Return is False. Iteration is False. New group is False. ] |
| **1.9 'TraerTurnosFecha(Date, Integer, Biz.BIZ.Entities.Servicio)'** from 'Turno' sent to 'GestorTurno'.  Synchronous Call. Returns List.  [ Return is True. Iteration is False. New group is False. ] |
| **1.10 'BuscarTurnos\_Click(Object, EventArgs)'** from 'GestorTurno' sent to 'Agregar\_Turno'.  Synchronous Call.  [ Return is True. Iteration is False. New group is False. ] |
| **1.11 'buscar turnos Disponibles'** from 'Agregar\_Turno' sent to 'Recepcion'.  Synchronous Call. Returns void.  [ Return is True. Iteration is False. New group is False. ] |

###### **Recepcion**

*Actor owned by 'Buscar Turnos Disponibles', in package '01 Gestion Pedido Turno'*

Recepcion

Version 1.0 Phase 1.0 Proposed

Usuario created on 07-07-16. Last modified 07-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| Name: BuscarTurnos\_Click(Object, EventArgs)  Sequence from Recepcion to «boundary» Agregar\_Turno |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| Name: buscar turnos Disponibles  Sequence from «boundary» Agregar\_Turno to Recepcion |

###### **<anonymous>**

*InteractionFragment owned by 'Buscar Turnos Disponibles', in package '01 Gestion Pedido Turno'*

<anonymous>

Version 1.0 Phase 1.0 Proposed

Jesus created on 31-05-16. Last modified 31-05-16

###### **Try**

*InteractionFragment owned by 'Buscar Turnos Disponibles', in package '01 Gestion Pedido Turno'*

Try

Version 1.0 Phase 1.0 Proposed

Jesus created on 31-05-16. Last modified 31-05-16

###### **Try**

*InteractionFragment owned by 'Buscar Turnos Disponibles', in package '01 Gestion Pedido Turno'*

Try

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

###### **Try**

*InteractionFragment owned by 'Buscar Turnos Disponibles', in package '01 Gestion Pedido Turno'*

Try

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

###### **Try**

*InteractionFragment owned by 'Buscar Turnos Disponibles', in package '01 Gestion Pedido Turno'*

Try

Version 1.0 Phase 1.0 Proposed

Jesus created on 31-05-16. Last modified 31-05-16

#### **Enviar Mail Turno**

*UseCase in package '01 Gestion Pedido Turno'*

Enviar Mail Turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-06-16. Last modified 07-06-16

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. El sistema Toma los datos del Turno recien registrados en la BD  2. El sistema busca el mail del cliente  3. El sistema llama a la clase enviar Mail e informa(cliente, servicio y turno)  4. El sistema envia el mail  Alternate: *4a*. Mail no Enviado  5. El sistema informa que el mail a sido enviado correctamente |

|  |
| --- |
| Alternate. Mail no Enviado    1. El sistema informa que no pudo ser enviado el mail e informa el tipode error  2. El sistema registra el error  3. Fin del caso de uso |

| **CONNECTORS** |
| --- |
| **Trace** «trace» Source -> Destination  From: Enviar Mail Turno : UseCase, Public  To: Mail Turno solicitado : Artifact, Public |

|  |
| --- |
| **Include** «include» Source -> Destination  From: Registrar Turno : UseCase, Public  To: Enviar Mail Turno : UseCase, Public |

|  |
| --- |
| **Include** «include» Source -> Destination  From: Reasignar Profesional : UseCase, Public  To: Enviar Mail Turno : UseCase, Public |

#### **Gestor Modificar Turno**

*UseCase in package '01 Gestion Pedido Turno'*

Gestor Modificar Turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 08-07-16. Last modified 08-07-16

| **CONNECTORS** |
| --- |
| **Include** «include» Source -> Destination  From: Gestor Modificar Turno : UseCase, Public  To: Modificar Turno : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Gestor Modificar Turno : UseCase, Public |

#### **Modificar Turno**

*UseCase in package '01 Gestion Pedido Turno'*

Modificar Turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 08-07-16. Last modified 08-07-16

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. el sistema toma los datos del turno y el cliente asignado  2. el sistema modifica en la BD los datos del turno |

| **CONNECTORS** |
| --- |
| **Include** «include» Source -> Destination  From: Reasignar Profesional : UseCase, Public  To: Modificar Turno : UseCase, Public |

|  |
| --- |
| **Include** «include» Source -> Destination  From: Gestor Modificar Turno : UseCase, Public  To: Modificar Turno : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Modificar Turno : UseCase, Public |

#### **Registrar Turno**

*UseCase in package '01 Gestion Pedido Turno'*

Registrar Turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 06-05-16. Last modified 09-07-16

| **ELEMENTS OWNED BY Registrar Turno** |
| --- |
| Registrar Turno\_ActivityGraph : Activity |

|  |
| --- |
| RegistrarTurno : Interaction |

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. El Recepcionista comienza el proceso de Registrar Turno  2. el sistema solicita el ingreso del DNI (de 7 a 8 digitos numericos sin puntos)  3. El recepcionista ingresa el DNI del cliente  Uses:  buscar cliente  Alternate: *3a*. Cliente no encontrado  4. el sistema devuelve los datos del cliente: Nombre, Apellido,numero de telefono, domicilio y OSoPrePa  5. El sistema muestra una lista con los servicios: NOMBRE (no mas de 10 caracteres)  Uses:  Buscar Servicios  6. el recepcionista elige el servicio solicitado y la fecha  7. El sistema devuelve una lista con todos los horarios disponibles, de los profesionales del servicio que atiendan la OsoPrePa del cliente para la fecha solicitada  Uses:  buscar turnos disponibles  8. el Recepcionista selecciona el turno elegido por el cliente  Alternate: *8a*. El cliente no acepto los turnos ofrecidos  9. El sistema genera un codigo de turno (Numero aleatotio del 0000 al 1111 + fecha + horario de entrada )y muestra en pantalla todos los datos del mismo  10. El sistema guarda el turnos solicitado  11. El sistema envia un mail al cliente con los datos del turno  Uses:  mail turno solicitado  12. el sistema informa que el registro de turno se ha generado exitosamente |

|  |
| --- |
| Alternate. Cliente no encontrado    1. El sistema informa que no se encontro los datos del cliente  2. Se regresa al paso 2 |

|  |
| --- |
| Alternate. El cliente no acepto los turnos ofrecidos    1. El sistema consulta si se desea guardar al cliente en la lista de espera  2. el Recepcionista confirma  3. El sistema llama al caso de uso  Uses:  Registrar en Lista de Espera  4. fin del Caso de Uso |

| **CONNECTORS** |
| --- |
| **Extend** «extend» Source -> Destination  From: Registrar Turno : UseCase, Public  To: Buscar Turnos Disponibles : UseCase, Public |

|  |
| --- |
| **Include** «include» Source -> Destination  From: Registrar Turno : UseCase, Public  To: Buscar Turnos Disponibles : UseCase, Public |

|  |
| --- |
| **Include** «include» Source -> Destination  From: Registrar Turno : UseCase, Public  To: Buscar Cliente : UseCase, Public |
| **Include** «include» Source -> Destination  From: Registrar Turno : UseCase, Public  To: Buscar Servicios : UseCase, Public |
| **Include** «include» Source -> Destination  From: Registrar Turno : UseCase, Public  To: Enviar Mail Turno : UseCase, Public |
| **Extend** «extend» Source -> Destination  From: Registrar Turno : UseCase, Public  To: Registrar en Lista de Espera : UseCase, Public |
| **Trace** «trace» Source -> Destination  From: Gestor Turno : Collaboration, Public  To: Registrar Turno : UseCase, Public |
| **Include** «include» Source -> Destination  From: Reprogramar Turno : UseCase, Public  To: Registrar Turno : UseCase, Public |
| **Trace** «trace» Source -> Destination  From: Gestor Cliente : Collaboration, Public  To: Registrar Turno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar Turno : UseCase, Public |

##### **Registrar Turno\_ActivityGraph**

*Activity owned by 'Registrar Turno', in package '01 Gestion Pedido Turno'*

Registrar Turno\_ActivityGraph

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **ELEMENTS OWNED BY Registrar Turno\_ActivityGraph** |
| --- |
| El Recepcionista comienza el proceso de Registrar Turno : Activity |

|  |
| --- |
| el Recepcionista confirma : Activity |

|  |
| --- |
| el recepcionista elige el servicio solicitado y la fecha : Activity |
| El recepcionista ingresa el DNI del cliente : Activity |
| el Recepcionista selecciona el turno elegido por el cliente : Activity |
| El sistema consulta si se desea guardar al cliente en la lista de espera : Activity |
| el sistema devuelve los datos del cliente: Nombre, Apellido,numero de telefono, domicilio y OSoPrePa : Activity |
| El sistema devuelve una lista con todos los horarios disponibles, de los profesionales del servicio que atiendan la OsoPrePa del cliente para la fecha solicitada : Activity |
| El sistema envia un mail al cliente con los datos del turno : Activity |
| El sistema genera un codigo de turno (Numero aleatotio del 0000 al 1111 + fecha + horario de entrada )y muestra en pantalla todos los datos del mismo : Activity |
| El sistema guarda el turnos solicitado : Activity |
| el sistema informa que el registro de turno se ha generado exitosamente : Activity |
| El sistema informa que no se encontro los datos del cliente : Activity |
| El sistema llama al caso de uso : Activity |
| El sistema muestra una lista con los servicios: NOMBRE (no mas de 10 caracteres) : Activity |
| el sistema solicita el ingreso del DNI (de 7 a 8 digitos numericos sin puntos) : Activity |
| fin del Caso de Uso : Activity |
| Se regresa al paso 2 : Activity |
| Alternate1 : DecisionNode |
| Alternate2 : DecisionNode |
| End : ActivityFinal |
| FlowEnd1 : FlowFinal |
| Start : ActivityInitial |

###### **Registrar Turno\_ActivityGraph diagram**

*Activity diagram in package '01 Gestion Pedido Turno'*

Registrar Turno\_ActivityGraph

Version 1.0

Jesus created on 09-07-16. Last modified 09-07-16



1. Registrar Turno\_ActivityGraph

###### **El Recepcionista comienza el proceso de Registrar Turno**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

El Recepcionista comienza el proceso de Registrar Turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El Recepcionista comienza el proceso de Registrar Turno to el sistema solicita el ingreso del DNI (de 7 a 8 digitos numericos sin puntos) |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from Start to El Recepcionista comienza el proceso de Registrar Turno |

###### **el Recepcionista confirma**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

el Recepcionista confirma

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from el Recepcionista confirma to El sistema llama al caso de uso |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema consulta si se desea guardar al cliente en la lista de espera to el Recepcionista confirma |

###### **el recepcionista elige el servicio solicitado y la fecha**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

el recepcionista elige el servicio solicitado y la fecha

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from el recepcionista elige el servicio solicitado y la fecha to El sistema devuelve una lista con todos los horarios disponibles, de los profesionales del servicio que atiendan la OsoPrePa del cliente para la fecha solicitada |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema muestra una lista con los servicios: NOMBRE (no mas de 10 caracteres) to el recepcionista elige el servicio solicitado y la fecha |

###### **El recepcionista ingresa el DNI del cliente**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

El recepcionista ingresa el DNI del cliente

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El recepcionista ingresa el DNI del cliente to el sistema devuelve los datos del cliente: Nombre, Apellido,numero de telefono, domicilio y OSoPrePa |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from Alternate1 to El recepcionista ingresa el DNI del cliente |

###### **el Recepcionista selecciona el turno elegido por el cliente**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

el Recepcionista selecciona el turno elegido por el cliente

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from el Recepcionista selecciona el turno elegido por el cliente to El sistema genera un codigo de turno (Numero aleatotio del 0000 al 1111 + fecha + horario de entrada )y muestra en pantalla todos los datos del mismo |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from Alternate2 to el Recepcionista selecciona el turno elegido por el cliente |

###### **El sistema consulta si se desea guardar al cliente en la lista de espera**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

El sistema consulta si se desea guardar al cliente en la lista de espera

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema consulta si se desea guardar al cliente en la lista de espera to el Recepcionista confirma |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from Alternate2 to El sistema consulta si se desea guardar al cliente en la lista de espera  Guard: El cliente no acepto los turnos ofrecidos |

###### **el sistema devuelve los datos del cliente: Nombre, Apellido,numero de telefono, domicilio y OSoPrePa**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

el sistema devuelve los datos del cliente: Nombre, Apellido,numero de telefono, domicilio y OSoPrePa

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from el sistema devuelve los datos del cliente: Nombre, Apellido,numero de telefono, domicilio y OSoPrePa to El sistema muestra una lista con los servicios: NOMBRE (no mas de 10 caracteres) |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El recepcionista ingresa el DNI del cliente to el sistema devuelve los datos del cliente: Nombre, Apellido,numero de telefono, domicilio y OSoPrePa |

###### **El sistema devuelve una lista con todos los horarios disponibles, de los profesionales del servicio que atiendan la OsoPrePa del cliente para la fecha solicitada**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

El sistema devuelve una lista con todos los horarios disponibles, de los profesionales del servicio que atiendan la OsoPrePa del cliente para la fecha solicitada

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema devuelve una lista con todos los horarios disponibles, de los profesionales del servicio que atiendan la OsoPrePa del cliente para la fecha solicitada to Alternate2 |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from el recepcionista elige el servicio solicitado y la fecha to El sistema devuelve una lista con todos los horarios disponibles, de los profesionales del servicio que atiendan la OsoPrePa del cliente para la fecha solicitada |

###### **El sistema envia un mail al cliente con los datos del turno**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

El sistema envia un mail al cliente con los datos del turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema envia un mail al cliente con los datos del turno to el sistema informa que el registro de turno se ha generado exitosamente |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema guarda el turnos solicitado to El sistema envia un mail al cliente con los datos del turno |

###### **El sistema genera un codigo de turno (Numero aleatotio del 0000 al 1111 + fecha + horario de entrada )y muestra en pantalla todos los datos del mismo**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

El sistema genera un codigo de turno (Numero aleatotio del 0000 al 1111 + fecha + horario de entrada )y muestra en pantalla todos los datos del mismo

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema genera un codigo de turno (Numero aleatotio del 0000 al 1111 + fecha + horario de entrada )y muestra en pantalla todos los datos del mismo to El sistema guarda el turnos solicitado |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from el Recepcionista selecciona el turno elegido por el cliente to El sistema genera un codigo de turno (Numero aleatotio del 0000 al 1111 + fecha + horario de entrada )y muestra en pantalla todos los datos del mismo |

###### **El sistema guarda el turnos solicitado**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

El sistema guarda el turnos solicitado

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema guarda el turnos solicitado to El sistema envia un mail al cliente con los datos del turno |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema genera un codigo de turno (Numero aleatotio del 0000 al 1111 + fecha + horario de entrada )y muestra en pantalla todos los datos del mismo to El sistema guarda el turnos solicitado |

###### **el sistema informa que el registro de turno se ha generado exitosamente**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

el sistema informa que el registro de turno se ha generado exitosamente

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from el sistema informa que el registro de turno se ha generado exitosamente to End |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema envia un mail al cliente con los datos del turno to el sistema informa que el registro de turno se ha generado exitosamente |

###### **El sistema informa que no se encontro los datos del cliente**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

El sistema informa que no se encontro los datos del cliente

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema informa que no se encontro los datos del cliente to Se regresa al paso 2 |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from Alternate1 to El sistema informa que no se encontro los datos del cliente  Guard: Cliente no encontrado |

###### **El sistema llama al caso de uso**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

El sistema llama al caso de uso

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema llama al caso de uso to fin del Caso de Uso |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from el Recepcionista confirma to El sistema llama al caso de uso |

###### **El sistema muestra una lista con los servicios: NOMBRE (no mas de 10 caracteres)**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

El sistema muestra una lista con los servicios: NOMBRE (no mas de 10 caracteres)

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema muestra una lista con los servicios: NOMBRE (no mas de 10 caracteres) to el recepcionista elige el servicio solicitado y la fecha |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from el sistema devuelve los datos del cliente: Nombre, Apellido,numero de telefono, domicilio y OSoPrePa to El sistema muestra una lista con los servicios: NOMBRE (no mas de 10 caracteres) |

###### **el sistema solicita el ingreso del DNI (de 7 a 8 digitos numericos sin puntos)**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

el sistema solicita el ingreso del DNI (de 7 a 8 digitos numericos sin puntos)

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from el sistema solicita el ingreso del DNI (de 7 a 8 digitos numericos sin puntos) to Alternate1 |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from Se regresa al paso 2 to el sistema solicita el ingreso del DNI (de 7 a 8 digitos numericos sin puntos) |

|  |
| --- |
| ControlFlow from El Recepcionista comienza el proceso de Registrar Turno to el sistema solicita el ingreso del DNI (de 7 a 8 digitos numericos sin puntos) |

###### **fin del Caso de Uso**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

fin del Caso de Uso

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from fin del Caso de Uso to FlowEnd1 |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema llama al caso de uso to fin del Caso de Uso |

###### **Se regresa al paso 2**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

Se regresa al paso 2

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from Se regresa al paso 2 to el sistema solicita el ingreso del DNI (de 7 a 8 digitos numericos sin puntos) |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema informa que no se encontro los datos del cliente to Se regresa al paso 2 |

###### **Alternate1**

*DecisionNode owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from Alternate1 to El recepcionista ingresa el DNI del cliente |

|  |
| --- |
| ControlFlow from Alternate1 to El sistema informa que no se encontro los datos del cliente  Guard: Cliente no encontrado |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from el sistema solicita el ingreso del DNI (de 7 a 8 digitos numericos sin puntos) to Alternate1 |

###### **Alternate2**

*DecisionNode owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from Alternate2 to El sistema consulta si se desea guardar al cliente en la lista de espera  Guard: El cliente no acepto los turnos ofrecidos |

|  |
| --- |
| ControlFlow from Alternate2 to el Recepcionista selecciona el turno elegido por el cliente |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema devuelve una lista con todos los horarios disponibles, de los profesionales del servicio que atiendan la OsoPrePa del cliente para la fecha solicitada to Alternate2 |

###### **End**

*ActivityFinal owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from el sistema informa que el registro de turno se ha generado exitosamente to End |

###### **FlowEnd1**

*FlowFinal owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from fin del Caso de Uso to FlowEnd1 |

###### **Start**

*ActivityInitial owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from Start to El Recepcionista comienza el proceso de Registrar Turno |

##### **RegistrarTurno**

*Interaction owned by 'Registrar Turno', in package '01 Gestion Pedido Turno'*

RegistrarTurno

Version 1.0 Phase 1.0 Proposed

Jesus created on 31-05-16. Last modified 31-05-16

| **ELEMENTS OWNED BY RegistrarTurno** |
| --- |
| Recepcion : Actor |

###### **RegistrarTurno diagram**

*Interaction diagram in package '01 Gestion Pedido Turno'*

RegistrarTurno

Version 1.0

Jesus created on 31-05-16. Last modified 09-07-16



1. RegistrarTurno

**Agregar\_Turno**

*Class «boundary» in package 'repositorio temporal'*

Agregar\_Turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **ATTRIBUTES** |
| --- |
| unCliente : Biz.BIZ.Entities.Cliente Private    Properties:  objectInitialiser = true  [ Is static False. Containment is Not Specified. ] |

| **OPERATIONS** |
| --- |
| BtnBuscarDNI\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = BtnBuscarDNI.Click  ea\_guid = {4F6FEDD4-A816-44f7-99F8-5325595D154B}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| BtnRegistrarTurno\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = BtnRegistrarTurno.Click  ea\_guid = {1DEE0FC1-31F3-46ce-AC85-12D95C949578}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| BuscarTurnos\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = BuscarTurnos.Click  ea\_guid = {075EFB9B-1EDC-4755-84D0-02029704AEA0}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| Calendario1\_ValueChanged (sender : Object , e : EventArgs ) : Private    Properties:  Handles = Calendario1.ValueChanged  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| ComboServicios\_SelectedIndexChanged (sender : Object , e : EventArgs ) : Private    Properties:  Handles = ComboServicios.SelectedIndexChanged  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| NoelegirTurno () : Private  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

**Conexion**

*Class in package 'repositorio temporal'*

Conexion

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **ATTRIBUTES** |
| --- |
| \_estrategiaConexion : IProveedorBD Private  [ Is static False. Containment is Not Specified. ] |

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

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

|  |
| --- |
| EjecutarEscalar (query : String , parametros : List(Of Parametro) ) : T Public    Properties:  generic = (Of T)  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| EjecutarSinResultado (query : String , parametros : List(Of Parametro) ) : Public    Properties:  ea\_guid = {A33BCD42-9DEA-42f2-83F9-AE5D3FBA4F37}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| EjecutarTupla (query : String , parametros : List(Of Parametro) ) : List(Of T) Public    Properties:  generic = (Of T As New)  ea\_guid = {6988BF2B-AAA9-45bc-B8BF-2D9317DDE4AC}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| New (estrategiaElegida : EstrategiasDbEnum , servidor : String , catalogo : String ) : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionAceptar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionCancelar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionIniciar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

**GestorTurno**

*Class in package 'repositorio temporal'*

GestorTurno

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **OPERATIONS** |
| --- |
| comprobarfecha (Fecha : Date ) : Public  comprueba que la fecha enviada sea mayor al dia de la fecha, en caso contrario llama a la excepcion ExFechaInvalida  @remark  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| EnviarMail (unTurno : Biz.BIZ.Entities.Turno , unCliente : Biz.BIZ.Entities.Cliente ) : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| Guardar (unTurno : Biz.BIZ.Entities.Turno ) : Public  Guarda en la tabla turnos el turno enviado  @remark    Properties:  ea\_guid = {FF423357-4DA7-47d9-AEF6-1CBBDFD78BDF}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosClientefechaActual (Fecha : Date , cliente : Biz.BIZ.Entities.Cliente ) : List Public    Properties:  ea\_guid = {C76BF490-0C97-4902-B2AD-97379547B7F8}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosClientefechaFutura (Cliente : Biz.BIZ.Entities.Cliente ) : List Public    Properties:  ea\_guid = {7A7C5633-F8B2-4bda-8BD4-00AF8B5B264B}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosFecha (Fecha : Date , IdOSoPrePa : Integer , Servicio : Biz.BIZ.Entities.Servicio ) : List Public  Trae Todo los turnos DISPONIBLES para el dia, Turno, servicio y el OSoPrePa solicitado  @returns  @remark    Properties:  ea\_guid = {31B1A244-22B0-4a8e-AE3A-670AD436BBDB}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

**Turno**

*Class in package 'repositorio temporal'*

Turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **OPERATIONS** |
| --- |
| Guardar (unTurno : Biz.BIZ.Entities.Turno ) : Public  Guarda en la base de datos el turno seleccionado  @remark    Properties:  ea\_guid = {631C3BA5-68FA-4bfd-8635-4239069EB349}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| TraerTurnosClientefechaActual (Fecha : Date , IdOSoPrePa : Integer , Servicio : Entities.Servicio , cliente : Entities.Cliente ) : List Public    Properties:  ea\_guid = {7853FFFB-7503-486c-8526-E08CC9D832F9}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| TraerTurnosClientefechaFutura (Cliente : Entities.Cliente ) : List Public    Properties:  ea\_guid = {83F0B652-724F-45db-BFAC-26BDFC797690}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosDisponiblesFecha (Fecha : Date , OSoPrePa : Integer , servicio : Biz.BIZ.Entities.Servicio ) : Object Public  se genera la lista de turnos totales segun el dia de la semana, el servicio y el OSoPrePa  @returns Lista de Turnos disponibles list (of Turnos)  @remark    Properties:  ea\_guid = {D47F1F18-7505-46ab-B803-AA022E9B6046}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosOcupados (Fecha : Date , c : Conexion ) : List Private  Trae todos los turnos Ocupados. Se debe establecer una conexion antes  @returns lista de turnos ocupados  @remark    Properties:  ea\_guid = {A3C5C10C-5D80-4c88-92EF-0DA211491734}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| **INTERACTION MESSAGES** |
| **1.0 'BtnRegistrarTurno\_Click(Object, EventArgs)'** from 'Recepcion' sent to 'Agregar\_Turno'.  Synchronous Call.  [ Return is False. Iteration is False. New group is False. ] |

|  |
| --- |
| **1.1 'Guardar(Biz.BIZ.Entities.Turno)'** from 'Agregar\_Turno' sent to 'GestorTurno'.  Synchronous Call.  [ Return is False. Iteration is False. New group is False. ] |

|  |
| --- |
| **1.2 'Guardar(Biz.BIZ.Entities.Turno)'** from 'GestorTurno' sent to 'Turno'.  Synchronous Call.  [ Return is False. Iteration is False. New group is False. ] |
| **1.3 'EjecutarSinResultado(String, List(Of Parametro))'** from 'Turno' sent to 'Conexion'.  Synchronous Call.  [ Return is False. Iteration is False. New group is False. ] |
| **1.4 'Los Datos Se guardaron Correctamente'** from 'Conexion' sent to 'Turno'.  Synchronous Call. Returns void.  [ Return is True. Iteration is False. New group is False. ] |
| **1.5 'Los Datos Se guardaron Correctamente'** from 'Turno' sent to 'GestorTurno'.  Synchronous Call. Returns void.  [ Return is True. Iteration is False. New group is False. ] |
| **1.6 'Los Datos Se guardaron Correctamente'** from 'GestorTurno' sent to 'Agregar\_Turno'.  Synchronous Call. Returns void.  [ Return is True. Iteration is False. New group is False. ] |
| **1.7 'Los Datos Se guardaron Correctamente'** from 'Agregar\_Turno' sent to 'Recepcion'.  Synchronous Call. Returns void.  [ Return is True. Iteration is False. New group is False. ] |

###### **Recepcion**

*Actor owned by 'RegistrarTurno', in package '01 Gestion Pedido Turno'*

Recepcion

Version 1.0 Phase 1.0 Proposed

Usuario created on 07-07-16. Last modified 07-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| Name: BtnRegistrarTurno\_Click(Object, EventArgs)  Sequence from Recepcion to «boundary» Agregar\_Turno |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| Name: Los Datos Se guardaron Correctamente  Sequence from «boundary» Agregar\_Turno to Recepcion |

#### **Registrar en Lista de Espera**

*UseCase in package '01 Gestion Pedido Turno'*

Registrar en Lista de Espera

Version 1.0 Phase 1.0 Proposed

Jesus created on 06-05-16. Last modified 06-05-16

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. El sistema solicita los horarios de preferencia  2. el recepcionista ingresa los horario de preferencia( se ingresan de a uno de una lista desplegable los horarios de preferencia se seleccionan por: dias de la semana, mañana o Tarde)  3. el sistema registra en la base de datos los datos de preferencia del cliente |

| **CONNECTORS** |
| --- |
| **Extend** «extend» Source -> Destination  From: Registrar Turno : UseCase, Public  To: Registrar en Lista de Espera : UseCase, Public |

#### **Mail Turno solicitado**

*Artifact in package '01 Gestion Pedido Turno'*

El sistema envía un correo electrónico con la información del alquiler

Estimado/a XX,

Gracias por elegir Shikoba. Le informamos que de acuerdo a su solicitud, hemos reservado su turno.

El número de turno electrónico es: ########

Servicio

Nombre y Apellido: <<completar>> <<completar>>

Documento: $$$ ########

Profesional/es que lo van a atender

<<completar>>

Precio del servicio: <<completar>> Fecha y Hora de entrada: dd/MM/yyyy ##:## Hora de salida: ##:##

saludos

Mail Turno solicitado

Version 1.0 Phase 1.0 Proposed

Jesus created on 06-05-16. Last modified 06-05-16

| **CONNECTORS** |
| --- |
| **Trace** «trace» Source -> Destination  From: Enviar Mail Turno : UseCase, Public  To: Mail Turno solicitado : Artifact, Public |

#### **Gestor Cliente**

*Collaboration in package '01 Gestion Pedido Turno'*

Gestor Cliente

Version 1.0 Phase 1.0 Proposed

Jesus created on 12-05-16. Last modified 12-05-16

| **CONNECTORS** |
| --- |
| **Trace** «trace» Source -> Destination  From: Gestor Cliente : Collaboration, Public  To: Registrar Turno : UseCase, Public |

#### **Gestor Turno**

*Collaboration in package '01 Gestion Pedido Turno'*

Gestor Turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 06-05-16. Last modified 12-05-16

| **CONNECTORS** |
| --- |
| **Trace** «trace» Source -> Destination  From: Gestor Turno : Collaboration, Public  To: Registrar Turno : UseCase, Public |

### **02 Gestion turno Solicitado**

*Package in package '01 Gestion Turno'*

02 Gestion turno Solicitado

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-06-16. Last modified 07-06-16

#### **02 Gestion turno Solicitado diagram**

*Use Case diagram in package '02 Gestion turno Solicitado'*

02 Gestion turno Solicitado

Version 1.0

Jesus created on 07-06-16. Last modified 08-07-16



1. 02 Gestion turno Solicitado

##### **Profesional**

*Actor in package 'Stakeholders'*

Profesional

Version 1.0 Phase 1.0 Proposed

Usuario created on 15-04-16. Last modified 18-04-16

| **CONNECTORS** |
| --- |
| **UseCaseLink** Source -> Destination  From: Profesional : Actor, Public  To: CargarConsulta : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Profesional : Actor, Public  To: CargarConsulta : UseCase, Public |

##### **Recepcion**

*Actor in package 'Stakeholders'*

Recepcion

Version 1.0 Phase 1.0 Proposed

Usuario created on 15-04-16. Last modified 18-04-16

| **CONNECTORS** |
| --- |
| **UseCaseLink** Source -> Destination  From: Recepcion : Actor, Public  To: Gestion Sobreturno : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Recepcion : Actor, Public  To: Buscar Turnos Concretados para fechas futuras : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Recepcion : Actor, Public  To: Buscar Turnos Del Cliente del dia de la fecha : UseCase, Public |

##### **Buscar Cliente**

*UseCase in package '01 Gestion Pedido Turno'*

Buscar Cliente

Version 1.0 Phase 1.0 Proposed

Jesus created on 06-05-16. Last modified 06-05-16

| **ELEMENTS OWNED BY Buscar Cliente** |
| --- |
| Interaction : Interaction |

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. el recepcionista ingresa el DNI del cliente  2. el sistema busca en la base de datos por medio del cliente los datos del cliente  Alternate: *2a*. Cliente no encontrado  3. El sistema devuelve los datos del cliente |

|  |
| --- |
| Alternate. Cliente no encontrado    1. el sistema informa que no se encontro el cliente  2. el sistema devuelve un mensaje NULL  3. fin del caso de uso |

| **CONNECTORS** |
| --- |
| **Include** «include» Source -> Destination  From: Buscar Turnos Del Cliente del dia de la fecha : UseCase, Public  To: Buscar Cliente : UseCase, Public |

|  |
| --- |
| **Include** «include» Source -> Destination  From: Registrar Turno : UseCase, Public  To: Buscar Cliente : UseCase, Public |

|  |
| --- |
| **Include** «include» Source -> Destination  From: Buscar Turnos Concretados para fechas futuras : UseCase, Public  To: Buscar Cliente : UseCase, Public |

###### **Interaction**

*Interaction owned by 'Buscar Cliente', in package '01 Gestion Pedido Turno'*

Interaction

Version 1.0 Phase 1.0 Proposed

Jesus created on 26-05-16. Last modified 26-05-16

| **ELEMENTS OWNED BY Interaction** |
| --- |
| Recepcion : Actor |

**Recepcion**

*Actor owned by 'Interaction', in package '01 Gestion Pedido Turno'*

Recepcion

Version 1.0 Phase 1.0 Proposed

Usuario created on 07-07-16. Last modified 07-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| Name: BtnBuscarDNI\_Click(Object, EventArgs)  Sequence from Recepcion to «boundary» Agregar\_Turno |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| Sequence from «boundary» Agregar\_Turno to Recepcion |

#### **R****EPOSITORIO TEMPORAL**

*Package in package '02 Gestion turno Solicitado'*

REPOSITORIO TEMPORAL

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

##### **Verficar Profesional**

*UseCase in package 'REPOSITORIO TEMPORAL'*

Verficar Profesional

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. el sistema toma el DNI y la contraseña ingresadas por el usuario  2. el sistema llama al caso de uso  Uses:  buscar Profesional  Alternate: *2a*. profesional no existe  3. el sistema verifica que la contraseña y el usuario coincidan  Alternate: *3a*. Usuario y contraseña no coinciden  4. el sistema devuelve todos los datos del profesional |

|  |
| --- |
| Alternate. profesional no existe    1. caso de ejecuto la excepcion ErrorUsuarioYcontraseña  2. se propaga la excepcion |

|  |
| --- |
| Alternate. Usuario y contraseña no coinciden    1. el sistema determina que el usuario y contraseña no coinciden  2. se ejecuta la excepcion ErrorUsuarioYcontraseña  3. fin del caso de uso |

##### **ingresar por Profesional**

*UseCase in package 'REPOSITORIO TEMPORAL'*

ingresar por Profesional

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. el Profesional ingresa el email y contraseña  2. el sistema llama al caso de Uso  Uses:  Buscar Profesional  Alternate: *2a*. Profesional no registrado  3. el sistema devuelve los datos del profesional y genera la post-condicion y carga los datos del mismo al formPfesional |

|  |
| --- |
| Alternate. Profesional no registrado    1. el sistema informa que no existe el profesional en la BD |

| **CONSTRAINTS** |
| --- |
| Post-condition. profesional verificado  [ Approved, Weight is 0. ] |

##### **Conexion**

*Class in package 'REPOSITORIO TEMPORAL'*

Conexion

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **ATTRIBUTES** |
| --- |
| \_estrategiaConexion : IProveedorBD Private  [ Is static False. Containment is Not Specified. ] |

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

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

|  |
| --- |
| EjecutarEscalar (query : String , parametros : List(Of Parametro) ) : T Public    Properties:  generic = (Of T)  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| EjecutarSinResultado (query : String , parametros : List(Of Parametro) ) : Public    Properties:  ea\_guid = {8699C0A9-37F6-44ae-8251-AE95E89921F4}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| EjecutarTupla (query : String , parametros : List(Of Parametro) ) : List(Of T) Public    Properties:  generic = (Of T As New)  ea\_guid = {75411344-99B1-4fad-90C1-3150429F2137}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| New (estrategiaElegida : EstrategiasDbEnum , servidor : String , catalogo : String ) : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionAceptar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionCancelar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionIniciar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### **Conexion**

*Class in package 'REPOSITORIO TEMPORAL'*

Conexion

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **ATTRIBUTES** |
| --- |
| \_estrategiaConexion : IProveedorBD Private  [ Is static False. Containment is Not Specified. ] |

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

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

|  |
| --- |
| EjecutarEscalar (query : String , parametros : List(Of Parametro) ) : T Public    Properties:  generic = (Of T)  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| EjecutarSinResultado (query : String , parametros : List(Of Parametro) ) : Public    Properties:  ea\_guid = {974E2CC2-ACF7-4095-A0EA-851343B02020}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| EjecutarTupla (query : String , parametros : List(Of Parametro) ) : List(Of T) Public    Properties:  generic = (Of T As New)  ea\_guid = {6E9F56DF-66D4-4409-A1FB-E2823446EEF8}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| New (estrategiaElegida : EstrategiasDbEnum , servidor : String , catalogo : String ) : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionAceptar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionCancelar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionIniciar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### **FormLogin**

*Class «boundary» in package 'REPOSITORIO TEMPORAL'*

FormLogin

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **ATTRIBUTES** |
| --- |
| unProfesional : Profesional Private    Properties:  objectInitialiser = true  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Source -> Destination) | |
| Source: Public (Class) FormLogin «boundary» | Target: Private unProfesional (Class) Profesional |

| **OPERATIONS** |
| --- |
| btnIngresar\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = btnIngresar.Click  ea\_guid = {E3E5A286-E64F-4f05-9741-111092A6DA51}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### **GestorTurno**

*Class in package 'REPOSITORIO TEMPORAL'*

GestorTurno

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **OPERATIONS** |
| --- |
| comprobarfecha (Fecha : Date ) : Public  comprueba que la fecha enviada sea mayor al dia de la fecha, en caso contrario llama a la excepcion ExFechaInvalida  @remark  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| EnviarMail (unTurno : Biz.BIZ.Entities.Turno , unCliente : Biz.BIZ.Entities.Cliente ) : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| Guardar (unTurno : Biz.BIZ.Entities.Turno ) : Public  Guarda en la tabla turnos el turno enviado  @remark    Properties:  ea\_guid = {B2552E7A-C2F9-4dca-85E9-9C335451A9A5}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosClientefechaActual (Fecha : Date , cliente : Biz.BIZ.Entities.Cliente ) : List Public    Properties:  ea\_guid = {7F847ADD-DE92-47d7-B1A1-295E8C030C02}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosClientefechaFutura (Cliente : Biz.BIZ.Entities.Cliente ) : List Public    Properties:  ea\_guid = {AF80D42B-8DA3-45e8-A2D9-0531667D467A}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosFecha (Fecha : Date , IdOSoPrePa : Integer , Servicio : Biz.BIZ.Entities.Servicio ) : List Public  Trae Todo los turnos DISPONIBLES para el dia, Turno, servicio y el OSoPrePa solicitado  @returns  @remark    Properties:  ea\_guid = {5A03C7D4-D3BF-4c86-A17B-B14FA224ED39}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### **GestorTurno**

*Class in package 'REPOSITORIO TEMPORAL'*

GestorTurno

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **OPERATIONS** |
| --- |
| comprobarfecha (Fecha : Date ) : Public  comprueba que la fecha enviada sea mayor al dia de la fecha, en caso contrario llama a la excepcion ExFechaInvalida  @remark  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| EnviarMail (unTurno : Biz.BIZ.Entities.Turno , unCliente : Biz.BIZ.Entities.Cliente ) : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| Guardar (unTurno : Biz.BIZ.Entities.Turno ) : Public  Guarda en la tabla turnos el turno enviado  @remark    Properties:  ea\_guid = {BD6910CC-FF40-4950-9FF4-47A81D22636D}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosClientefechaActual (Fecha : Date , cliente : Biz.BIZ.Entities.Cliente ) : List Public    Properties:  ea\_guid = {428C115D-DAF0-4967-8742-6D350ED88DF6}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosClientefechaFutura (Cliente : Biz.BIZ.Entities.Cliente ) : List Public    Properties:  ea\_guid = {51C4D595-2987-4658-9D08-98DC675DD19A}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosFecha (Fecha : Date , IdOSoPrePa : Integer , Servicio : Biz.BIZ.Entities.Servicio ) : List Public  Trae Todo los turnos DISPONIBLES para el dia, Turno, servicio y el OSoPrePa solicitado  @returns  @remark    Properties:  ea\_guid = {DCF46097-8839-4539-BE70-001D4231D82B}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### **Turno**

*Class in package 'REPOSITORIO TEMPORAL'*

Turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **OPERATIONS** |
| --- |
| Guardar (unTurno : Biz.BIZ.Entities.Turno ) : Public  Guarda en la base de datos el turno seleccionado  @remark    Properties:  ea\_guid = {FB6131E0-7EFD-4e88-8D45-5076999F5AE0}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| TraerTurnosClientefechaActual (Fecha : Date , IdOSoPrePa : Integer , Servicio : Entities.Servicio , cliente : Entities.Cliente ) : List Public    Properties:  ea\_guid = {A83FA684-09F6-447e-963C-3650B8D0C01E}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| TraerTurnosClientefechaFutura (Cliente : Entities.Cliente ) : List Public    Properties:  ea\_guid = {51A66153-8AA1-4462-816F-733D05E1FF0B}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosDisponiblesFecha (Fecha : Date , OSoPrePa : Integer , servicio : Biz.BIZ.Entities.Servicio ) : Object Public  se genera la lista de turnos totales segun el dia de la semana, el servicio y el OSoPrePa  @returns Lista de Turnos disponibles list (of Turnos)  @remark    Properties:  ea\_guid = {239DC117-A7F2-4990-B5D3-14FA7181A611}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosOcupados (Fecha : Date , c : Conexion ) : List Private  Trae todos los turnos Ocupados. Se debe establecer una conexion antes  @returns lista de turnos ocupados  @remark    Properties:  ea\_guid = {96AE0289-4230-434d-B05C-7FB9AA8846CE}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### **Turno**

*Class in package 'REPOSITORIO TEMPORAL'*

Turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **OPERATIONS** |
| --- |
| Guardar (unTurno : Biz.BIZ.Entities.Turno ) : Public  Guarda en la base de datos el turno seleccionado  @remark    Properties:  ea\_guid = {9A7F864C-1991-4ac0-99FB-FF6A83728F12}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| TraerTurnosClientefechaActual (Fecha : Date , IdOSoPrePa : Integer , Servicio : Entities.Servicio , cliente : Entities.Cliente ) : List Public    Properties:  ea\_guid = {39F6D742-0D49-4bb4-A68C-16695E9496AA}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| TraerTurnosClientefechaFutura (Cliente : Entities.Cliente ) : List Public    Properties:  ea\_guid = {1C96861F-97D9-41c3-BCDD-C7ECCFC81BCB}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosDisponiblesFecha (Fecha : Date , OSoPrePa : Integer , servicio : Biz.BIZ.Entities.Servicio ) : Object Public  se genera la lista de turnos totales segun el dia de la semana, el servicio y el OSoPrePa  @returns Lista de Turnos disponibles list (of Turnos)  @remark    Properties:  ea\_guid = {FBEE66DD-3C0B-48c0-8A25-BB8E875AC5A5}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosOcupados (Fecha : Date , c : Conexion ) : List Private  Trae todos los turnos Ocupados. Se debe establecer una conexion antes  @returns lista de turnos ocupados  @remark    Properties:  ea\_guid = {59DE8123-A8FD-4aaa-B8CD-7D0893965128}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### **TurnosdelCliente**

*Class «boundary» in package 'REPOSITORIO TEMPORAL'*

TurnosdelCliente

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **ATTRIBUTES** |
| --- |
| Cliente : Cliente Private    Properties:  objectInitialiser = true  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Source -> Destination) | |
| Source: Public (Class) TurnosdelCliente «boundary» | Target: Public Cliente (Class) Cliente |

|  |  |
| --- | --- |
| Association (direction: Source -> Destination) | |
| Source: Public (Class) TurnosdelCliente «boundary» | Target: Public Cliente (Class) Cliente |

| **OPERATIONS** |
| --- |
| btnbuscarCliente\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = btnbuscarCliente.Click  ea\_guid = {D58C8D48-CE93-4def-A2C1-1C216B3F1CA8}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| Button1\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = Button1.Click  ea\_guid = {2763CAA4-177F-4e30-B98A-4030B307026E}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### **TurnosdelCliente**

*Class «boundary» in package 'REPOSITORIO TEMPORAL'*

TurnosdelCliente

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **ATTRIBUTES** |
| --- |
| Cliente : Cliente Private    Properties:  objectInitialiser = true  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Source -> Destination) | |
| Source: Public (Class) TurnosdelCliente «boundary» | Target: Public Cliente (Class) Cliente |

|  |  |
| --- | --- |
| Association (direction: Source -> Destination) | |
| Source: Public (Class) TurnosdelCliente «boundary» | Target: Public Cliente (Class) Cliente |

| **OPERATIONS** |
| --- |
| btnbuscarCliente\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = btnbuscarCliente.Click  ea\_guid = {311B5FD9-1D82-497a-80DD-A5BB80A57E97}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| Button1\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = Button1.Click  ea\_guid = {C291DDCE-E812-42be-BFB7-CB65772FD8BD}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

#### **Buscar Turnos Concretados para fechas futuras**

*UseCase in package '02 Gestion turno Solicitado'*

Buscar Turnos Concretados para fechas futuras

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-06-16. Last modified 08-07-16

| **ELEMENTS OWNED BY Buscar Turnos Concretados para fechas futuras** |
| --- |
| BuscarTurnosConcretadosFechasFuturas : Interaction |

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. El sistema recibe el DNI  2. el sistema llama al caso de uso  Uses:  Buscar Cliente  3. el sistema llama al caso de uso. Envia el profesional, el servicio (\*), la fecha (\*) el cliente actual y el estado nro 1  Uses:  buscarturnos  4. el sistema muestra en pantalla los turnos concretados para fechas futuras en un data grid en donde figurara: servicio, fecha, horario de entrada, salida y profesional designado |

| **CONNECTORS** |
| --- |
| **Include** «include» Source -> Destination  From: Buscar Turnos Concretados para fechas futuras : UseCase, Public  To: BuscarTurnos : UseCase, Public |

|  |
| --- |
| **Include** «include» Source -> Destination  From: Buscar Turnos Concretados para fechas futuras : UseCase, Public  To: Buscar Cliente : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Recepcion : Actor, Public  To: Buscar Turnos Concretados para fechas futuras : UseCase, Public |
| **Extend** «extend» Source -> Destination  From: Dar de baja Turno por ausencia del cliente : UseCase, Public  To: Buscar Turnos Concretados para fechas futuras : UseCase, Public |
| **Extend** «extend» Source -> Destination  From: Buscar Turnos Del Cliente del dia de la fecha : UseCase, Public  To: Buscar Turnos Concretados para fechas futuras : UseCase, Public |

##### **BuscarTurnosConcretadosFechasFuturas**

*Interaction owned by 'Buscar Turnos Concretados para fechas futuras', in package '02 Gestion turno Solicitado'*

BuscarTurnosConcretadosFechasFuturas

Version 1.0 Phase 1.0 Proposed

Jesus created on 12-06-16. Last modified 12-06-16

| **ELEMENTS OWNED BY BuscarTurnosConcretadosFechasFuturas** |
| --- |
| Recepcion : Actor |

|  |
| --- |
| <anonymous> : InteractionFragment |

|  |
| --- |
| <anonymous> : InteractionFragment |

###### **BuscarTurnosConcretadosFechasFuturas diagram**

*Interaction diagram in package '02 Gestion turno Solicitado'*

BuscarTurnosConcretadosFechasFuturas

Version 1.0

Jesus created on 12-06-16. Last modified 07-07-16



1. BuscarTurnosConcretadosFechasFuturas

**GestorTurno**

*Class in package 'REPOSITORIO TEMPORAL'*

GestorTurno

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **OPERATIONS** |
| --- |
| comprobarfecha (Fecha : Date ) : Public  comprueba que la fecha enviada sea mayor al dia de la fecha, en caso contrario llama a la excepcion ExFechaInvalida  @remark  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| EnviarMail (unTurno : Biz.BIZ.Entities.Turno , unCliente : Biz.BIZ.Entities.Cliente ) : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| Guardar (unTurno : Biz.BIZ.Entities.Turno ) : Public  Guarda en la tabla turnos el turno enviado  @remark    Properties:  ea\_guid = {BD6910CC-FF40-4950-9FF4-47A81D22636D}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosClientefechaActual (Fecha : Date , cliente : Biz.BIZ.Entities.Cliente ) : List Public    Properties:  ea\_guid = {428C115D-DAF0-4967-8742-6D350ED88DF6}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosClientefechaFutura (Cliente : Biz.BIZ.Entities.Cliente ) : List Public    Properties:  ea\_guid = {51C4D595-2987-4658-9D08-98DC675DD19A}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosFecha (Fecha : Date , IdOSoPrePa : Integer , Servicio : Biz.BIZ.Entities.Servicio ) : List Public  Trae Todo los turnos DISPONIBLES para el dia, Turno, servicio y el OSoPrePa solicitado  @returns  @remark    Properties:  ea\_guid = {DCF46097-8839-4539-BE70-001D4231D82B}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

**Turno**

*Class in package 'REPOSITORIO TEMPORAL'*

Turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **OPERATIONS** |
| --- |
| Guardar (unTurno : Biz.BIZ.Entities.Turno ) : Public  Guarda en la base de datos el turno seleccionado  @remark    Properties:  ea\_guid = {9A7F864C-1991-4ac0-99FB-FF6A83728F12}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| TraerTurnosClientefechaActual (Fecha : Date , IdOSoPrePa : Integer , Servicio : Entities.Servicio , cliente : Entities.Cliente ) : List Public    Properties:  ea\_guid = {39F6D742-0D49-4bb4-A68C-16695E9496AA}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| TraerTurnosClientefechaFutura (Cliente : Entities.Cliente ) : List Public    Properties:  ea\_guid = {1C96861F-97D9-41c3-BCDD-C7ECCFC81BCB}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosDisponiblesFecha (Fecha : Date , OSoPrePa : Integer , servicio : Biz.BIZ.Entities.Servicio ) : Object Public  se genera la lista de turnos totales segun el dia de la semana, el servicio y el OSoPrePa  @returns Lista de Turnos disponibles list (of Turnos)  @remark    Properties:  ea\_guid = {FBEE66DD-3C0B-48c0-8A25-BB8E875AC5A5}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosOcupados (Fecha : Date , c : Conexion ) : List Private  Trae todos los turnos Ocupados. Se debe establecer una conexion antes  @returns lista de turnos ocupados  @remark    Properties:  ea\_guid = {59DE8123-A8FD-4aaa-B8CD-7D0893965128}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

**TurnosdelCliente**

*Class «boundary» in package 'REPOSITORIO TEMPORAL'*

TurnosdelCliente

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **ATTRIBUTES** |
| --- |
| Cliente : Cliente Private    Properties:  objectInitialiser = true  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Source -> Destination) | |
| Source: Public (Class) TurnosdelCliente «boundary» | Target: Public Cliente (Class) Cliente |

|  |  |
| --- | --- |
| Association (direction: Source -> Destination) | |
| Source: Public (Class) TurnosdelCliente «boundary» | Target: Public Cliente (Class) Cliente |

| **OPERATIONS** |
| --- |
| btnbuscarCliente\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = btnbuscarCliente.Click  ea\_guid = {311B5FD9-1D82-497a-80DD-A5BB80A57E97}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| Button1\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = Button1.Click  ea\_guid = {C291DDCE-E812-42be-BFB7-CB65772FD8BD}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| **INTERACTION MESSAGES** |
| **1.0 'Button1\_Click(Object, EventArgs)'** from 'Recepcion' sent to 'TurnosdelCliente'.  Synchronous Call.  [ Return is False. Iteration is False. New group is False. ] |

|  |
| --- |
| **1.1 'TraerTurnosClientefechaFutura(Biz.BIZ.Entities.Cliente)'** from 'TurnosdelCliente' sent to 'GestorTurno'.  Synchronous Call. Returns List.  [ Return is False. Iteration is False. New group is False. ] |

|  |
| --- |
| **1.2 'TraerTurnosClientefechaFutura(Entities.Cliente)'** from 'GestorTurno' sent to 'Turno'.  Synchronous Call. Returns List.  [ Return is False. Iteration is False. New group is False. ] |
| **1.3 'TraerTurnosClientefechaFutura(Biz.BIZ.Entities.Cliente)'** from 'Turno' sent to 'GestorTurno'.  Synchronous Call. Returns List.  [ Return is True. Iteration is False. New group is False. ] |
| **1.4 'Button1\_Click(Object, EventArgs)'** from 'GestorTurno' sent to 'TurnosdelCliente'.  Synchronous Call.  [ Return is True. Iteration is False. New group is False. ] |
| **1.5 'Turnos Clientes Fechas Futuras'** from 'TurnosdelCliente' sent to 'Recepcion'.  Synchronous Call. Returns void.  [ Return is False. Iteration is False. New group is False. ] |

###### **Recepcion**

*Actor owned by 'BuscarTurnosConcretadosFechasFuturas', in package '02 Gestion turno Solicitado'*

Recepcion

Version 1.0 Phase 1.0 Proposed

Usuario created on 07-07-16. Last modified 07-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| Name: Button1\_Click(Object, EventArgs)  Sequence from Recepcion to «boundary» TurnosdelCliente |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| Name: Turnos Clientes Fechas Futuras  Sequence from «boundary» TurnosdelCliente to Recepcion |

###### **<anonymous>**

*InteractionFragment owned by 'BuscarTurnosConcretadosFechasFuturas', in package '02 Gestion turno Solicitado'*

<anonymous>

Version 1.0 Phase 1.0 Proposed

Jesus created on 12-06-16. Last modified 12-06-16

###### **<anonymous>**

*InteractionFragment owned by 'BuscarTurnosConcretadosFechasFuturas', in package '02 Gestion turno Solicitado'*

<anonymous>

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

#### **Buscar Turnos Del Cliente del dia de la fecha**

*UseCase in package '02 Gestion turno Solicitado'*

Buscar Turnos Del Cliente del dia de la fecha

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-06-16. Last modified 07-06-16

| **ELEMENTS OWNED BY Buscar Turnos Del Cliente del dia de la fecha** |
| --- |
| Buscar Turnos Del Cliente del dia de la fecha : Interaction |

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. El usuario ingresa el DNI ( de 6 a 8 numeros) o el numero de turno  2. el sistema busca en la BD un turno reservado a nombre del cliente en el dia de la fecha actual. llama al caso de uso: el sistema llama al caso de uso. Envia el profesional(\*), el servicio(\*), la fecha del dia actual,el cliente actual y el estado nro 1  Uses:  BuscarTurnos  Alternate: *2a*. NO existe registrado turno para el cliente en el dia de la fecha  3. el sistema devolvio los datos del turno  4. el Sistema muestra los datos del turno  5. el usuario acepta enviar los datos del turno al profesional  6. El sistema envia los datos del turno al profesional  7. El sistema informa que los datos fueron enviados de manera correcta |

|  |
| --- |
| Alternate. NO existe registrado turno para el cliente en el dia de la fecha    1. el sistema informa que no se encontraron turnos para el dia de la fecha  2. el sistema consulta se se desea verificar en fecha futuras  3. el usuario confirma que desea verificar en fechas futuras  4. se llama al caso de uso  Uses:  Buscar Turnos Concretados para fechas futuras  5. Fin del caso de uso |

| **CONNECTORS** |
| --- |
| **Include** «include» Source -> Destination  From: Buscar Turnos Del Cliente del dia de la fecha : UseCase, Public  To: Buscar Cliente : UseCase, Public |

|  |
| --- |
| **Include** «include» Source -> Destination  From: Buscar Turnos Del Cliente del dia de la fecha : UseCase, Public  To: BuscarTurnos : UseCase, Public |

|  |
| --- |
| **Extend** «extend» Source -> Destination  From: Buscar Turnos Del Cliente del dia de la fecha : UseCase, Public  To: Buscar Turnos Concretados para fechas futuras : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcion : Actor, Public  To: Buscar Turnos Del Cliente del dia de la fecha : UseCase, Public |

##### **Buscar Turnos Del Cliente del dia de la fecha**

*Interaction owned by 'Buscar Turnos Del Cliente del dia de la fecha ', in package '02 Gestion turno Solicitado'*

Buscar Turnos Del Cliente del dia de la fecha

Version 1.0 Phase 1.0 Proposed

Jesus created on 12-06-16. Last modified 12-06-16

| **ELEMENTS OWNED BY Buscar Turnos Del Cliente del dia de la fecha** |
| --- |
| Recepcion : Actor |

|  |
| --- |
| IF radiobutton : InteractionFragment |

|  |
| --- |
| IF radiobutton : InteractionFragment |

###### **Buscar Turnos Del Cliente del dia de la fecha diagram**

*Interaction diagram in package '02 Gestion turno Solicitado'*

Buscar Turnos Del Cliente del dia de la fecha

Version 1.0

Jesus created on 12-06-16. Last modified 07-07-16



1. Buscar Turnos Del Cliente del dia de la fecha

**Conexion**

*Class in package 'REPOSITORIO TEMPORAL'*

Conexion

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **ATTRIBUTES** |
| --- |
| \_estrategiaConexion : IProveedorBD Private  [ Is static False. Containment is Not Specified. ] |

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

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

|  |
| --- |
| EjecutarEscalar (query : String , parametros : List(Of Parametro) ) : T Public    Properties:  generic = (Of T)  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| EjecutarSinResultado (query : String , parametros : List(Of Parametro) ) : Public    Properties:  ea\_guid = {974E2CC2-ACF7-4095-A0EA-851343B02020}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| EjecutarTupla (query : String , parametros : List(Of Parametro) ) : List(Of T) Public    Properties:  generic = (Of T As New)  ea\_guid = {6E9F56DF-66D4-4409-A1FB-E2823446EEF8}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| New (estrategiaElegida : EstrategiasDbEnum , servidor : String , catalogo : String ) : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionAceptar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionCancelar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TransaccionIniciar () : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

**GestorTurno**

*Class in package 'REPOSITORIO TEMPORAL'*

GestorTurno

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **OPERATIONS** |
| --- |
| comprobarfecha (Fecha : Date ) : Public  comprueba que la fecha enviada sea mayor al dia de la fecha, en caso contrario llama a la excepcion ExFechaInvalida  @remark  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| EnviarMail (unTurno : Biz.BIZ.Entities.Turno , unCliente : Biz.BIZ.Entities.Cliente ) : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| Guardar (unTurno : Biz.BIZ.Entities.Turno ) : Public  Guarda en la tabla turnos el turno enviado  @remark    Properties:  ea\_guid = {B2552E7A-C2F9-4dca-85E9-9C335451A9A5}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosClientefechaActual (Fecha : Date , cliente : Biz.BIZ.Entities.Cliente ) : List Public    Properties:  ea\_guid = {7F847ADD-DE92-47d7-B1A1-295E8C030C02}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosClientefechaFutura (Cliente : Biz.BIZ.Entities.Cliente ) : List Public    Properties:  ea\_guid = {AF80D42B-8DA3-45e8-A2D9-0531667D467A}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosFecha (Fecha : Date , IdOSoPrePa : Integer , Servicio : Biz.BIZ.Entities.Servicio ) : List Public  Trae Todo los turnos DISPONIBLES para el dia, Turno, servicio y el OSoPrePa solicitado  @returns  @remark    Properties:  ea\_guid = {5A03C7D4-D3BF-4c86-A17B-B14FA224ED39}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

**Turno**

*Class in package 'REPOSITORIO TEMPORAL'*

Turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **OPERATIONS** |
| --- |
| Guardar (unTurno : Biz.BIZ.Entities.Turno ) : Public  Guarda en la base de datos el turno seleccionado  @remark    Properties:  ea\_guid = {FB6131E0-7EFD-4e88-8D45-5076999F5AE0}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| TraerTurnosClientefechaActual (Fecha : Date , IdOSoPrePa : Integer , Servicio : Entities.Servicio , cliente : Entities.Cliente ) : List Public    Properties:  ea\_guid = {A83FA684-09F6-447e-963C-3650B8D0C01E}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| TraerTurnosClientefechaFutura (Cliente : Entities.Cliente ) : List Public    Properties:  ea\_guid = {51A66153-8AA1-4462-816F-733D05E1FF0B}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosDisponiblesFecha (Fecha : Date , OSoPrePa : Integer , servicio : Biz.BIZ.Entities.Servicio ) : Object Public  se genera la lista de turnos totales segun el dia de la semana, el servicio y el OSoPrePa  @returns Lista de Turnos disponibles list (of Turnos)  @remark    Properties:  ea\_guid = {239DC117-A7F2-4990-B5D3-14FA7181A611}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |
| TraerTurnosOcupados (Fecha : Date , c : Conexion ) : List Private  Trae todos los turnos Ocupados. Se debe establecer una conexion antes  @returns lista de turnos ocupados  @remark    Properties:  ea\_guid = {96AE0289-4230-434d-B05C-7FB9AA8846CE}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

**TurnosdelCliente**

*Class «boundary» in package 'REPOSITORIO TEMPORAL'*

TurnosdelCliente

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **ATTRIBUTES** |
| --- |
| Cliente : Cliente Private    Properties:  objectInitialiser = true  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Source -> Destination) | |
| Source: Public (Class) TurnosdelCliente «boundary» | Target: Public Cliente (Class) Cliente |

|  |  |
| --- | --- |
| Association (direction: Source -> Destination) | |
| Source: Public (Class) TurnosdelCliente «boundary» | Target: Public Cliente (Class) Cliente |

| **OPERATIONS** |
| --- |
| btnbuscarCliente\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = btnbuscarCliente.Click  ea\_guid = {D58C8D48-CE93-4def-A2C1-1C216B3F1CA8}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| Button1\_Click (sender : Object , e : EventArgs ) : Private    Properties:  Handles = Button1.Click  ea\_guid = {2763CAA4-177F-4e30-B98A-4030B307026E}  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| **INTERACTION MESSAGES** |
| **1.0 'Button1\_Click(Object, EventArgs)'** from 'Recepcion' sent to 'TurnosdelCliente'.  Synchronous Call.  [ Return is False. Iteration is False. New group is False. ] |

|  |
| --- |
| **1.1 'TraerTurnosClientefechaActual(Date, Biz.BIZ.Entities.Cliente)'** from 'TurnosdelCliente' sent to 'GestorTurno'.  Synchronous Call. Returns List.  [ Return is False. Iteration is False. New group is False. ] |

|  |
| --- |
| **1.2 'TraerTurnosClientefechaActual(Date, Integer, Entities.Servicio, Entities.Cliente)'** from 'GestorTurno' sent to 'Turno'.  Synchronous Call. Returns List.  [ Return is False. Iteration is False. New group is False. ] |
| **1.3 'EjecutarTupla(String, List(Of Parametro))'** from 'Turno' sent to 'Conexion'.  Synchronous Call. Returns List(Of T).  [ Return is False. Iteration is False. New group is False. ] |
| **1.4 'TraerTurnosClientefechaActual(Date, Integer, Entities.Servicio, Entities.Cliente)'** from 'Conexion' sent to 'Turno'.  Synchronous Call. Returns List.  [ Return is True. Iteration is False. New group is False. ] |
| **1.5 'TraerTurnosClientefechaActual(Date, Biz.BIZ.Entities.Cliente)'** from 'Turno' sent to 'GestorTurno'.  Synchronous Call. Returns List.  [ Return is True. Iteration is False. New group is False. ] |
| **1.6 'btnbuscarCliente\_Click(Object, EventArgs)'** from 'GestorTurno' sent to 'TurnosdelCliente'.  Synchronous Call.  [ Return is True. Iteration is False. New group is False. ] |
| **1.7 'turnos Fecha Actual'** from 'TurnosdelCliente' sent to 'Recepcion'.  Synchronous Call. Returns void.  [ Return is True. Iteration is False. New group is False. ] |

###### **Recepcion**

*Actor owned by 'Buscar Turnos Del Cliente del dia de la fecha', in package '02 Gestion turno Solicitado'*

Recepcion

Version 1.0 Phase 1.0 Proposed

Usuario created on 07-07-16. Last modified 07-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| Name: Button1\_Click(Object, EventArgs)  Sequence from Recepcion to «boundary» TurnosdelCliente |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| Name: turnos Fecha Actual  Sequence from «boundary» TurnosdelCliente to Recepcion |

###### **IF radiobutton**

*InteractionFragment owned by 'Buscar Turnos Del Cliente del dia de la fecha', in package '02 Gestion turno Solicitado'*

IF radiobutton

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

###### **IF radiobutton**

*InteractionFragment owned by 'Buscar Turnos Del Cliente del dia de la fecha', in package '02 Gestion turno Solicitado'*

IF radiobutton

Version 1.0 Phase 1.0 Proposed

Jesus created on 12-06-16. Last modified 12-06-16

#### **BuscarTurnos**

*UseCase in package '02 Gestion turno Solicitado'*

BuscarTurnos

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-06-16. Last modified 07-06-16

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. El sistema recibe la fechas o la fecha que se desea buscar, el servicio, el profesional y el estado  2. el sistema busca en la base de datos los turnos solicitados segun los parametros indicados  Alternate: *2a*. No hay turnos solicitados  3. el sistema devuelve una lista de turnos con los datos solicitados |

|  |
| --- |
| Alternate. No hay turnos solicitados    1. el sistema llama informa que no hay turnos solicitados  2. fin del caso de uso |

| **CONNECTORS** |
| --- |
| **Include** «include» Source -> Destination  From: Buscar Turnos Concretados para fechas futuras : UseCase, Public  To: BuscarTurnos : UseCase, Public |

|  |
| --- |
| **Include** «include» Source -> Destination  From: Buscar Turnos Del Cliente del dia de la fecha : UseCase, Public  To: BuscarTurnos : UseCase, Public |

|  |
| --- |
| **Include** «include» Source -> Destination  From: CargarConsulta : UseCase, Public  To: BuscarTurnos : UseCase, Public |

#### **CargarConsulta**

*UseCase in package '02 Gestion turno Solicitado'*

CargarConsulta

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-06-16. Last modified 08-07-16

| **ELEMENTS OWNED BY CargarConsulta** |
| --- |
| CargarConsulta : Interaction |

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. el profesional selecciona la opcion buscar turnos en espera  2. el sistema llama al caso de uso. Envia el profesional, el servicio, la fecha del dia actual  Uses:  BuscarTurnos  Alternate: *2a*. no existen mas turnos en espera  3. el profesional selecciona un turno en espera  Alternate: *3a*. el profesional se retira  4. el profesional selecciona el boton ingresar comentarios  5. el profesional ingresa los comentarios de la consulta  6. el sistema consulta si los datos se cargaron correctamente  7. el sistema guarda los comentarios de la consulta y cataloga al turno como concretado (estado nro 3)  8. el sistema informa que se guardaron los datos correctamente  9. se vuelve al paso 2 |

|  |
| --- |
| Alternate. no existen mas turnos en espera    1. el sistema informa que no existen mas turnos en espera  2. fin del caso de uso |

|  |
| --- |
| Alternate. el profesional se retira    1. el profesional selecciona la opcion Retirarse  2. el sistema guarda los turnos en espera como no concretados  3. el sistema guarda los turnos reservados que no estan en espera como no concretados  4. fin del caso de uso |

| **CONSTRAINTS** |
| --- |
| Pre-condition. Profesional Verificado  [ Approved, Weight is 0. ] |

| **CONNECTORS** |
| --- |
| **Include** «include» Source -> Destination  From: CargarConsulta : UseCase, Public  To: BuscarTurnos : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Profesional : Actor, Public  To: CargarConsulta : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Profesional : Actor, Public  To: CargarConsulta : UseCase, Public |

##### **CargarConsulta**

*Interaction owned by 'CargarConsulta', in package '02 Gestion turno Solicitado'*

CargarConsulta

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

###### **CargarConsulta diagram**

*Interaction diagram in package '02 Gestion turno Solicitado'*

CargarConsulta

Version 1.0

Jesus created on 07-07-16. Last modified 07-07-16



1. CargarConsulta

### **03 Gestion Sobreturno**

*Package in package '01 Gestion Turno'*

03 Gestion Sobreturno

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

#### **03 Gestion Sobreturno diagram**

*Use Case diagram in package '03 Gestion Sobreturno'*

03 Gestion Sobreturno

Version 1.0

Jesus created on 07-07-16. Last modified 08-07-16



1. 03 Gestion Sobreturno

##### **Profesional**

*Actor in package 'Stakeholders'*

Profesional

Version 1.0 Phase 1.0 Proposed

Usuario created on 15-04-16. Last modified 18-04-16

| **CONNECTORS** |
| --- |
| **UseCaseLink** Source -> Destination  From: Profesional : Actor, Public  To: CargarConsulta : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Profesional : Actor, Public  To: CargarConsulta : UseCase, Public |

##### **Recepcionista**

*Actor in package 'Actores'*

Recepcionista

Version 1.0 Phase 1.0 Proposed

Jesus created on 26-04-16. Last modified 26-04-16

| **CONNECTORS** |
| --- |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Buscar Turnos Afectados y asignar profesional de reemplazo : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Asignar Profesional de Reemplazo : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar Cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Gestor Modificar Turno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar en Lista de Espera : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Dar de baja Turno por ausencia del cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Dar de baja Cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: ingreso a Ausencias : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Reprogramar Turno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Buscar Turnos Afectados y asignar profesional de reemplazo : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar en Lista de Espera : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar Cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Modificar Cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar Turno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Modificar Turno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: solicitud Ausencia de prodesional : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar Turno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Gesion Ingreso : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Buscar Turnos del Dia del cliente del dia de la Fecha : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Gestionar Sobreturno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Buscar Turnos Afectados y asignar profesional de reemplazo : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Dar de baja Turno por ausencia del cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Gestion Sobreturno : UseCase, Public |
| **UseCaseLink** Unspecified  From: Solicitar Auscencia del profesional : UseCase, Public  To: Recepcionista : Actor, Public |

##### **Buscar Cliente**

*UseCase in package '01 Gestion Pedido Turno'*

Buscar Cliente

Version 1.0 Phase 1.0 Proposed

Jesus created on 26-04-16. Last modified 29-04-16

| **EXTERNAL REQUIREMENTS** |
| --- |
| Requirement. REQ100 Buscar Cliente  El sistema debera ser capaz de buscar en la base de datos, que el cliente exista, los valores a ingresar pueden ser: DNI, Nombre y Apellido y Numero de Cliente.  [ Stereotype is «Functional» ] |

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. El sistema toma los datos clave del cliente y busca la existencia del mismo  Alternate: *1a*. Cliente no existe  2. El sistema devuelve todos los datos del cliente |

|  |
| --- |
| Alternate. Cliente no existe    1. El sistema devueleve un mensaje indicando que el cliente no existe |

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Realization from Buscar Cliente to «Functional» REQ100 Buscar Cliente  [ Direction is 'Source -> Destination'. ] |

| **CONNECTORS** |
| --- |
| **Include** «include» Source -> Destination  From: Buscar Turnos del Dia del cliente del dia de la Fecha : UseCase, Public  To: Buscar Cliente : UseCase, Public |

|  |
| --- |
| **Include** «include» Source -> Destination  From: Registrar Turno : UseCase, Public  To: Buscar Cliente : UseCase, Public |

|  |
| --- |
| **Include** «include» Source -> Destination  From: Gestionar Sobreturno : UseCase, Public  To: Buscar Cliente : UseCase, Public |
| **Include** «include» Source -> Destination  From: Gestion Sobreturno : UseCase, Public  To: Buscar Cliente : UseCase, Public |
| **Include** «include» Source -> Destination  From: Modificar Cliente : UseCase, Public  To: Buscar Cliente : UseCase, Public |
| **Extend** Source -> Destination  From: Dar de baja Cliente : UseCase, Public  To: Buscar Cliente : UseCase, Public |
| **Include** «include» Source -> Destination  From: Registrar Cliente : UseCase, Public  To: Buscar Cliente : UseCase, Public |
| **Include** «include» Source -> Destination  From: Dar de baja Cliente : UseCase, Public  To: Buscar Cliente : UseCase, Public |

##### **CargarConsulta**

*UseCase in package '02 Gestion turno Solicitado'*

CargarConsulta

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-06-16. Last modified 08-07-16

| **ELEMENTS OWNED BY CargarConsulta** |
| --- |
| CargarConsulta : Interaction |

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. el profesional selecciona la opcion buscar turnos en espera  2. el sistema llama al caso de uso. Envia el profesional, el servicio, la fecha del dia actual  Uses:  BuscarTurnos  Alternate: *2a*. no existen mas turnos en espera  3. el profesional selecciona un turno en espera  Alternate: *3a*. el profesional se retira  4. el profesional selecciona el boton ingresar comentarios  5. el profesional ingresa los comentarios de la consulta  6. el sistema consulta si los datos se cargaron correctamente  7. el sistema guarda los comentarios de la consulta y cataloga al turno como concretado (estado nro 3)  8. el sistema informa que se guardaron los datos correctamente  9. se vuelve al paso 2 |

|  |
| --- |
| Alternate. no existen mas turnos en espera    1. el sistema informa que no existen mas turnos en espera  2. fin del caso de uso |

|  |
| --- |
| Alternate. el profesional se retira    1. el profesional selecciona la opcion Retirarse  2. el sistema guarda los turnos en espera como no concretados  3. el sistema guarda los turnos reservados que no estan en espera como no concretados  4. fin del caso de uso |

| **CONSTRAINTS** |
| --- |
| Pre-condition. Profesional Verificado  [ Approved, Weight is 0. ] |

| **CONNECTORS** |
| --- |
| **Include** «include» Source -> Destination  From: CargarConsulta : UseCase, Public  To: BuscarTurnos : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Profesional : Actor, Public  To: CargarConsulta : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Profesional : Actor, Public  To: CargarConsulta : UseCase, Public |

###### **CargarConsulta**

*Interaction owned by 'CargarConsulta', in package '02 Gestion turno Solicitado'*

CargarConsulta

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

#### **Buscar profesional disponible**

*UseCase in package '03 Gestion Sobreturno'*

Buscar profesional disponible

Version 1.0 Phase 1.0 Proposed

Jesus created on 08-07-16. Last modified 08-07-16

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. el sistema toma el servicio solicitado y el Osoprepa del cliente  2. el sistema busca en la base de datos que exista un profesional disponible para el dia de la fecha, servicio y OsoPrePa del cliente  Alternate: *2a*. el sistema no encontro profesional para el dia de la fecha  3. el sistema devuelve los datos del profesional |

|  |
| --- |
| Alternate. el sistema no encontro profesional para el dia de la fecha    1. el sistema informa que no existe profesional para el dia de la fecha  2. fin del caso de uso |

| **CONNECTORS** |
| --- |
| **Include** «include» Source -> Destination  From: Gestion Sobreturno : UseCase, Public  To: Buscar profesional disponible : UseCase, Public |

#### **Gestion Sobreturno**

*UseCase in package '03 Gestion Sobreturno'*

Gestion Sobreturno

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 08-07-16

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. El Recepcionista ingresa los datos claves del cliente  2. El sistema devolvio todos los datos del cliente  3. El recepcionista ingresa el servicio solicitado  4. el sistema llama al caso de uso  Uses:  Buscar profesional disponible  5. el sistema informa que existe un profesional disponible para la OsoPrePa del cliente  Alternate: *5a*. no hay profesional para el dia de la fecha  6. El sistema Registra el turno como sobreturno (variable EsSobreturno TRUE) y muestra en pantalla todos los datos del turno |

|  |
| --- |
| Alternate. no hay profesional para el dia de la fecha    1. el sistema informa que NO existe un profesional disponible para la OsoPrePa del cliente  2. fin del caso de uso |

| **CONNECTORS** |
| --- |
| **Include** «include» Source -> Destination  From: Gestion Sobreturno : UseCase, Public  To: Buscar profesional disponible : UseCase, Public |

|  |
| --- |
| **Include** «include» Source -> Destination  From: Gestion Sobreturno : UseCase, Public  To: Buscar Cliente : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Recepcion : Actor, Public  To: Gestion Sobreturno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Gestion Sobreturno : UseCase, Public |

## **03 Gestion Ausencia del Profesional**

*Package in package 'Casos de uso'*

03 Gestion Ausencia del Profesional

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

### **03 Gestion Ausencia del Profesional diagram**

*Use Case diagram in package '03 Gestion Ausencia del Profesional'*

03 Gestion Ausencia del Profesional

Version 1.0

Jesus created on 07-07-16. Last modified 08-07-16



1. 03 Gestion Ausencia del Profesional

#### **Recepcionista**

*Actor in package 'Actores'*

Recepcionista

Version 1.0 Phase 1.0 Proposed

Jesus created on 26-04-16. Last modified 26-04-16

| **CONNECTORS** |
| --- |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Buscar Turnos Afectados y asignar profesional de reemplazo : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Asignar Profesional de Reemplazo : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar Cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Gestor Modificar Turno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar en Lista de Espera : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Dar de baja Turno por ausencia del cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Dar de baja Cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: ingreso a Ausencias : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Reprogramar Turno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Buscar Turnos Afectados y asignar profesional de reemplazo : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar en Lista de Espera : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar Cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Modificar Cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar Turno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Modificar Turno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: solicitud Ausencia de prodesional : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar Turno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Gesion Ingreso : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Buscar Turnos del Dia del cliente del dia de la Fecha : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Gestionar Sobreturno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Buscar Turnos Afectados y asignar profesional de reemplazo : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Dar de baja Turno por ausencia del cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Gestion Sobreturno : UseCase, Public |
| **UseCaseLink** Unspecified  From: Solicitar Auscencia del profesional : UseCase, Public  To: Recepcionista : Actor, Public |

#### **Enviar Mail Turno**

*UseCase in package '01 Gestion Pedido Turno'*

Enviar Mail Turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-06-16. Last modified 07-06-16

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. El sistema Toma los datos del Turno recien registrados en la BD  2. El sistema busca el mail del cliente  3. El sistema llama a la clase enviar Mail e informa(cliente, servicio y turno)  4. El sistema envia el mail  Alternate: *4a*. Mail no Enviado  5. El sistema informa que el mail a sido enviado correctamente |

|  |
| --- |
| Alternate. Mail no Enviado    1. El sistema informa que no pudo ser enviado el mail e informa el tipode error  2. El sistema registra el error  3. Fin del caso de uso |

| **CONNECTORS** |
| --- |
| **Trace** «trace» Source -> Destination  From: Enviar Mail Turno : UseCase, Public  To: Mail Turno solicitado : Artifact, Public |

|  |
| --- |
| **Include** «include» Source -> Destination  From: Registrar Turno : UseCase, Public  To: Enviar Mail Turno : UseCase, Public |

|  |
| --- |
| **Include** «include» Source -> Destination  From: Reasignar Profesional : UseCase, Public  To: Enviar Mail Turno : UseCase, Public |

#### **Modificar Turno**

*UseCase in package '01 Gestion Pedido Turno'*

Modificar Turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 08-07-16. Last modified 08-07-16

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. el sistema toma los datos del turno y el cliente asignado  2. el sistema modifica en la BD los datos del turno |

| **CONNECTORS** |
| --- |
| **Include** «include» Source -> Destination  From: Reasignar Profesional : UseCase, Public  To: Modificar Turno : UseCase, Public |

|  |
| --- |
| **Include** «include» Source -> Destination  From: Gestor Modificar Turno : UseCase, Public  To: Modificar Turno : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Modificar Turno : UseCase, Public |

#### **Registrar Turno**

*UseCase in package '01 Gestion Pedido Turno'*

Registrar Turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 06-05-16. Last modified 09-07-16

| **ELEMENTS OWNED BY Registrar Turno** |
| --- |
| Registrar Turno\_ActivityGraph : Activity |

|  |
| --- |
| RegistrarTurno : Interaction |

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. El Recepcionista comienza el proceso de Registrar Turno  2. el sistema solicita el ingreso del DNI (de 7 a 8 digitos numericos sin puntos)  3. El recepcionista ingresa el DNI del cliente  Uses:  buscar cliente  Alternate: *3a*. Cliente no encontrado  4. el sistema devuelve los datos del cliente: Nombre, Apellido,numero de telefono, domicilio y OSoPrePa  5. El sistema muestra una lista con los servicios: NOMBRE (no mas de 10 caracteres)  Uses:  Buscar Servicios  6. el recepcionista elige el servicio solicitado y la fecha  7. El sistema devuelve una lista con todos los horarios disponibles, de los profesionales del servicio que atiendan la OsoPrePa del cliente para la fecha solicitada  Uses:  buscar turnos disponibles  8. el Recepcionista selecciona el turno elegido por el cliente  Alternate: *8a*. El cliente no acepto los turnos ofrecidos  9. El sistema genera un codigo de turno (Numero aleatotio del 0000 al 1111 + fecha + horario de entrada )y muestra en pantalla todos los datos del mismo  10. El sistema guarda el turnos solicitado  11. El sistema envia un mail al cliente con los datos del turno  Uses:  mail turno solicitado  12. el sistema informa que el registro de turno se ha generado exitosamente |

|  |
| --- |
| Alternate. Cliente no encontrado    1. El sistema informa que no se encontro los datos del cliente  2. Se regresa al paso 2 |

|  |
| --- |
| Alternate. El cliente no acepto los turnos ofrecidos    1. El sistema consulta si se desea guardar al cliente en la lista de espera  2. el Recepcionista confirma  3. El sistema llama al caso de uso  Uses:  Registrar en Lista de Espera  4. fin del Caso de Uso |

| **CONNECTORS** |
| --- |
| **Extend** «extend» Source -> Destination  From: Registrar Turno : UseCase, Public  To: Buscar Turnos Disponibles : UseCase, Public |

|  |
| --- |
| **Include** «include» Source -> Destination  From: Registrar Turno : UseCase, Public  To: Buscar Turnos Disponibles : UseCase, Public |

|  |
| --- |
| **Include** «include» Source -> Destination  From: Registrar Turno : UseCase, Public  To: Buscar Cliente : UseCase, Public |
| **Include** «include» Source -> Destination  From: Registrar Turno : UseCase, Public  To: Buscar Servicios : UseCase, Public |
| **Include** «include» Source -> Destination  From: Registrar Turno : UseCase, Public  To: Enviar Mail Turno : UseCase, Public |
| **Extend** «extend» Source -> Destination  From: Registrar Turno : UseCase, Public  To: Registrar en Lista de Espera : UseCase, Public |
| **Trace** «trace» Source -> Destination  From: Gestor Turno : Collaboration, Public  To: Registrar Turno : UseCase, Public |
| **Include** «include» Source -> Destination  From: Reprogramar Turno : UseCase, Public  To: Registrar Turno : UseCase, Public |
| **Trace** «trace» Source -> Destination  From: Gestor Cliente : Collaboration, Public  To: Registrar Turno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar Turno : UseCase, Public |

##### **Registrar Turno\_ActivityGraph**

*Activity owned by 'Registrar Turno', in package '01 Gestion Pedido Turno'*

Registrar Turno\_ActivityGraph

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **ELEMENTS OWNED BY Registrar Turno\_ActivityGraph** |
| --- |
| El Recepcionista comienza el proceso de Registrar Turno : Activity |

|  |
| --- |
| el Recepcionista confirma : Activity |

|  |
| --- |
| el recepcionista elige el servicio solicitado y la fecha : Activity |
| El recepcionista ingresa el DNI del cliente : Activity |
| el Recepcionista selecciona el turno elegido por el cliente : Activity |
| El sistema consulta si se desea guardar al cliente en la lista de espera : Activity |
| el sistema devuelve los datos del cliente: Nombre, Apellido,numero de telefono, domicilio y OSoPrePa : Activity |
| El sistema devuelve una lista con todos los horarios disponibles, de los profesionales del servicio que atiendan la OsoPrePa del cliente para la fecha solicitada : Activity |
| El sistema envia un mail al cliente con los datos del turno : Activity |
| El sistema genera un codigo de turno (Numero aleatotio del 0000 al 1111 + fecha + horario de entrada )y muestra en pantalla todos los datos del mismo : Activity |
| El sistema guarda el turnos solicitado : Activity |
| el sistema informa que el registro de turno se ha generado exitosamente : Activity |
| El sistema informa que no se encontro los datos del cliente : Activity |
| El sistema llama al caso de uso : Activity |
| El sistema muestra una lista con los servicios: NOMBRE (no mas de 10 caracteres) : Activity |
| el sistema solicita el ingreso del DNI (de 7 a 8 digitos numericos sin puntos) : Activity |
| fin del Caso de Uso : Activity |
| Se regresa al paso 2 : Activity |
| Alternate1 : DecisionNode |
| Alternate2 : DecisionNode |
| End : ActivityFinal |
| FlowEnd1 : FlowFinal |
| Start : ActivityInitial |

###### **El Recepcionista comienza el proceso de Registrar Turno**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

El Recepcionista comienza el proceso de Registrar Turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El Recepcionista comienza el proceso de Registrar Turno to el sistema solicita el ingreso del DNI (de 7 a 8 digitos numericos sin puntos) |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from Start to El Recepcionista comienza el proceso de Registrar Turno |

###### **el Recepcionista confirma**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

el Recepcionista confirma

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from el Recepcionista confirma to El sistema llama al caso de uso |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema consulta si se desea guardar al cliente en la lista de espera to el Recepcionista confirma |

###### **el recepcionista elige el servicio solicitado y la fecha**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

el recepcionista elige el servicio solicitado y la fecha

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from el recepcionista elige el servicio solicitado y la fecha to El sistema devuelve una lista con todos los horarios disponibles, de los profesionales del servicio que atiendan la OsoPrePa del cliente para la fecha solicitada |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema muestra una lista con los servicios: NOMBRE (no mas de 10 caracteres) to el recepcionista elige el servicio solicitado y la fecha |

###### **El recepcionista ingresa el DNI del cliente**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

El recepcionista ingresa el DNI del cliente

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El recepcionista ingresa el DNI del cliente to el sistema devuelve los datos del cliente: Nombre, Apellido,numero de telefono, domicilio y OSoPrePa |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from Alternate1 to El recepcionista ingresa el DNI del cliente |

###### **el Recepcionista selecciona el turno elegido por el cliente**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

el Recepcionista selecciona el turno elegido por el cliente

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from el Recepcionista selecciona el turno elegido por el cliente to El sistema genera un codigo de turno (Numero aleatotio del 0000 al 1111 + fecha + horario de entrada )y muestra en pantalla todos los datos del mismo |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from Alternate2 to el Recepcionista selecciona el turno elegido por el cliente |

###### **El sistema consulta si se desea guardar al cliente en la lista de espera**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

El sistema consulta si se desea guardar al cliente en la lista de espera

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema consulta si se desea guardar al cliente en la lista de espera to el Recepcionista confirma |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from Alternate2 to El sistema consulta si se desea guardar al cliente en la lista de espera  Guard: El cliente no acepto los turnos ofrecidos |

###### **el sistema devuelve los datos del cliente: Nombre, Apellido,numero de telefono, domicilio y OSoPrePa**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

el sistema devuelve los datos del cliente: Nombre, Apellido,numero de telefono, domicilio y OSoPrePa

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from el sistema devuelve los datos del cliente: Nombre, Apellido,numero de telefono, domicilio y OSoPrePa to El sistema muestra una lista con los servicios: NOMBRE (no mas de 10 caracteres) |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El recepcionista ingresa el DNI del cliente to el sistema devuelve los datos del cliente: Nombre, Apellido,numero de telefono, domicilio y OSoPrePa |

###### **El sistema devuelve una lista con todos los horarios disponibles, de los profesionales del servicio que atiendan la OsoPrePa del cliente para la fecha solicitada**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

El sistema devuelve una lista con todos los horarios disponibles, de los profesionales del servicio que atiendan la OsoPrePa del cliente para la fecha solicitada

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema devuelve una lista con todos los horarios disponibles, de los profesionales del servicio que atiendan la OsoPrePa del cliente para la fecha solicitada to Alternate2 |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from el recepcionista elige el servicio solicitado y la fecha to El sistema devuelve una lista con todos los horarios disponibles, de los profesionales del servicio que atiendan la OsoPrePa del cliente para la fecha solicitada |

###### **El sistema envia un mail al cliente con los datos del turno**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

El sistema envia un mail al cliente con los datos del turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema envia un mail al cliente con los datos del turno to el sistema informa que el registro de turno se ha generado exitosamente |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema guarda el turnos solicitado to El sistema envia un mail al cliente con los datos del turno |

###### **El sistema genera un codigo de turno (Numero aleatotio del 0000 al 1111 + fecha + horario de entrada )y muestra en pantalla todos los datos del mismo**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

El sistema genera un codigo de turno (Numero aleatotio del 0000 al 1111 + fecha + horario de entrada )y muestra en pantalla todos los datos del mismo

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema genera un codigo de turno (Numero aleatotio del 0000 al 1111 + fecha + horario de entrada )y muestra en pantalla todos los datos del mismo to El sistema guarda el turnos solicitado |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from el Recepcionista selecciona el turno elegido por el cliente to El sistema genera un codigo de turno (Numero aleatotio del 0000 al 1111 + fecha + horario de entrada )y muestra en pantalla todos los datos del mismo |

###### **El sistema guarda el turnos solicitado**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

El sistema guarda el turnos solicitado

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema guarda el turnos solicitado to El sistema envia un mail al cliente con los datos del turno |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema genera un codigo de turno (Numero aleatotio del 0000 al 1111 + fecha + horario de entrada )y muestra en pantalla todos los datos del mismo to El sistema guarda el turnos solicitado |

###### **el sistema informa que el registro de turno se ha generado exitosamente**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

el sistema informa que el registro de turno se ha generado exitosamente

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from el sistema informa que el registro de turno se ha generado exitosamente to End |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema envia un mail al cliente con los datos del turno to el sistema informa que el registro de turno se ha generado exitosamente |

###### **El sistema informa que no se encontro los datos del cliente**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

El sistema informa que no se encontro los datos del cliente

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema informa que no se encontro los datos del cliente to Se regresa al paso 2 |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from Alternate1 to El sistema informa que no se encontro los datos del cliente  Guard: Cliente no encontrado |

###### **El sistema llama al caso de uso**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

El sistema llama al caso de uso

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema llama al caso de uso to fin del Caso de Uso |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from el Recepcionista confirma to El sistema llama al caso de uso |

###### **El sistema muestra una lista con los servicios: NOMBRE (no mas de 10 caracteres)**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

El sistema muestra una lista con los servicios: NOMBRE (no mas de 10 caracteres)

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema muestra una lista con los servicios: NOMBRE (no mas de 10 caracteres) to el recepcionista elige el servicio solicitado y la fecha |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from el sistema devuelve los datos del cliente: Nombre, Apellido,numero de telefono, domicilio y OSoPrePa to El sistema muestra una lista con los servicios: NOMBRE (no mas de 10 caracteres) |

###### **el sistema solicita el ingreso del DNI (de 7 a 8 digitos numericos sin puntos)**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

el sistema solicita el ingreso del DNI (de 7 a 8 digitos numericos sin puntos)

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from el sistema solicita el ingreso del DNI (de 7 a 8 digitos numericos sin puntos) to Alternate1 |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from Se regresa al paso 2 to el sistema solicita el ingreso del DNI (de 7 a 8 digitos numericos sin puntos) |

|  |
| --- |
| ControlFlow from El Recepcionista comienza el proceso de Registrar Turno to el sistema solicita el ingreso del DNI (de 7 a 8 digitos numericos sin puntos) |

###### **fin del Caso de Uso**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

fin del Caso de Uso

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from fin del Caso de Uso to FlowEnd1 |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema llama al caso de uso to fin del Caso de Uso |

###### **Se regresa al paso 2**

*Activity owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

Se regresa al paso 2

Version 1.0 Phase 1.0 Proposed

Jesus created on 09-07-16. Last modified 09-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from Se regresa al paso 2 to el sistema solicita el ingreso del DNI (de 7 a 8 digitos numericos sin puntos) |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema informa que no se encontro los datos del cliente to Se regresa al paso 2 |

###### **Alternate1**

*DecisionNode owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from Alternate1 to El recepcionista ingresa el DNI del cliente |

|  |
| --- |
| ControlFlow from Alternate1 to El sistema informa que no se encontro los datos del cliente  Guard: Cliente no encontrado |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from el sistema solicita el ingreso del DNI (de 7 a 8 digitos numericos sin puntos) to Alternate1 |

###### **Alternate2**

*DecisionNode owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from Alternate2 to El sistema consulta si se desea guardar al cliente en la lista de espera  Guard: El cliente no acepto los turnos ofrecidos |

|  |
| --- |
| ControlFlow from Alternate2 to el Recepcionista selecciona el turno elegido por el cliente |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from El sistema devuelve una lista con todos los horarios disponibles, de los profesionales del servicio que atiendan la OsoPrePa del cliente para la fecha solicitada to Alternate2 |

###### **End**

*ActivityFinal owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from el sistema informa que el registro de turno se ha generado exitosamente to End |

###### **FlowEnd1**

*FlowFinal owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from fin del Caso de Uso to FlowEnd1 |

###### **Start**

*ActivityInitial owned by 'Registrar Turno\_ActivityGraph', in package '01 Gestion Pedido Turno'*

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| ControlFlow from Start to El Recepcionista comienza el proceso de Registrar Turno |

##### **RegistrarTurno**

*Interaction owned by 'Registrar Turno', in package '01 Gestion Pedido Turno'*

RegistrarTurno

Version 1.0 Phase 1.0 Proposed

Jesus created on 31-05-16. Last modified 31-05-16

| **ELEMENTS OWNED BY RegistrarTurno** |
| --- |
| Recepcion : Actor |

###### **Recepcion**

*Actor owned by 'RegistrarTurno', in package '01 Gestion Pedido Turno'*

Recepcion

Version 1.0 Phase 1.0 Proposed

Usuario created on 07-07-16. Last modified 07-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| Name: BtnRegistrarTurno\_Click(Object, EventArgs)  Sequence from Recepcion to «boundary» Agregar\_Turno |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| Name: Los Datos Se guardaron Correctamente  Sequence from «boundary» Agregar\_Turno to Recepcion |

#### **Buscar Profesional**

*UseCase in package '00 Gestion Ingreso'*

Buscar Profesional

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 08-07-16

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. el sistema toma el DNI del profesional  2. el sistema busca en la tabla Profesional todos los datos del profesional  Alternate: *2a*. profesional no existe  3. el sistema devuelve los datos del profesional |

|  |
| --- |
| Alternate. profesional no existe    1. el sistema llama a la excepcion ErrorUsuarioYcontraseña  2. fin del caso de uso |

| **CONNECTORS** |
| --- |
| **Include** «include» Source -> Destination  From: Verficar Profesional : UseCase, Public  To: Buscar Profesional : UseCase, Public |

|  |
| --- |
| **Include** «include» Source -> Destination  From: solicitud Ausencia de prodesional : UseCase, Public  To: Buscar Profesional : UseCase, Public |

### **Buscar Turnos Afectados y asignar profesional de reemplazo**

*UseCase in package '03 Gestion Ausencia del Profesional'*

Buscar Turnos Afectados y asignar profesional de reemplazo

Version 1.0 Phase 1.0 Proposed

Jesus created on 08-07-16. Last modified 08-07-16

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. el sistema carga en un combo box las solicitudes de reemplazo no conretadas  2. el usuario selecciona una solicitud no concretada  3. el sistema carga el servicio y el combobox Turnos Afectados con los turnos afectados que no se asigno un reemplazo y elcombo box Profesionales de reemplazo, con los posibles profesionales que puedan satisfacer dicho reemplazo  4. el recepcionista selecciona un turno afectado que no se le asigno reemplazo  5. el recepcioinista selecciona un posible profesional de reemplazo  6. el recepcionista confirma que el profesional esta disponible para realizar el reemplazo  Alternate: *6a*. NO existe profesional de reemplazo para la fecha del Turno  7. el sistema llama al caso de uso  Uses:  Reasignar Profesional  8. el sistema guarda el nuevo turno |

|  |
| --- |
| Alternate. NO existe profesional de reemplazo para la fecha del Turno    1. el sistema llama al caso de uso  Uses:  Reprogramar Turno |

| **CONNECTORS** |
| --- |
| **Extend** «extend» Source -> Destination  From: Buscar Turnos Afectados y asignar profesional de reemplazo : UseCase, Public  To: Reasignar Profesional : UseCase, Public |

|  |
| --- |
| **Extend** «extend» Source -> Destination  From: Buscar Turnos Afectados y asignar profesional de reemplazo : UseCase, Public  To: Reprogramar Turno : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Buscar Turnos Afectados y asignar profesional de reemplazo : UseCase, Public |

### **Cargar certificado de Ausencia**

*UseCase in package '03 Gestion Ausencia del Profesional'*

Cargar certificado de Ausencia

Version 1.0 Phase 1.0 Proposed

Jesus created on 08-07-16. Last modified 08-07-16

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. El sistema habre un FolderBrowserAdjuntarCertificado  Alternate: *1a*. no se carga el certificado de auseencia  2. El usuario selecciona la carperta donde se encuentra el archivo \*.rar \*pdf con el comprobante de ausencia  3. el sistema modifica la variable: CertificadoCargado y la establece como TRUE |

|  |
| --- |
| Alternate. no se carga el certificado de auseencia    1. el sistema modifica la variable: CertificadoCargado y la establece como FAlSE  2. el usuario no carga el certificado de ausenia  3. fin del caso de uso |

| **CONNECTORS** |
| --- |
| **Extend** «extend» Source -> Destination  From: solicitud Ausencia de prodesional : UseCase, Public  To: Cargar certificado de Ausencia : UseCase, Public |

### **Reasignar Profesional**

*UseCase in package '03 Gestion Ausencia del Profesional'*

Reasignar Profesional

Version 1.0 Phase 1.0 Proposed

Jesus created on 08-07-16. Last modified 08-07-16

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. el sistema toma los datos del profesional asignados  2. el sistema llama al caso de uso  Uses:  Modificar Turno  3. el sistema informa que el turno a sido reasignado Correctamente |

| **CONNECTORS** |
| --- |
| **Include** «include» Source -> Destination  From: Reasignar Profesional : UseCase, Public  To: Modificar Turno : UseCase, Public |

|  |
| --- |
| **Include** «include» Source -> Destination  From: Reasignar Profesional : UseCase, Public  To: Enviar Mail Turno : UseCase, Public |

|  |
| --- |
| **Extend** «extend» Source -> Destination  From: Buscar Turnos Afectados y asignar profesional de reemplazo : UseCase, Public  To: Reasignar Profesional : UseCase, Public |

### **Reprogramar Turno**

*UseCase in package '03 Gestion Ausencia del Profesional'*

Reprogramar Turno

Version 1.0 Phase 1.0 Proposed

Jesus created on 08-07-16. Last modified 08-07-16

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. el sistema envia los datos del usuario al form ingresar Agregar Turno  2. el sistema llama al caso de uso  Uses:  Registrar Turno  3. el usuario confirma que se modifico el turno correctamente  Alternate: *3a*. no se confirmo un nuevo turnoo  4. el sistema elimina el turno pendiente de reprogramacion de la BD |

|  |
| --- |
| Alternate. no se confirmo un nuevo turnoo    1. el sistema elimina el turno pendiente de reprogramacion de la BD |

| **CONNECTORS** |
| --- |
| **Include** «include» Source -> Destination  From: Reprogramar Turno : UseCase, Public  To: Registrar Turno : UseCase, Public |

|  |
| --- |
| **Extend** «extend» Source -> Destination  From: Buscar Turnos Afectados y asignar profesional de reemplazo : UseCase, Public  To: Reprogramar Turno : UseCase, Public |

### **ingreso a Ausencias**

*UseCase in package '03 Gestion Ausencia del Profesional'*

ingreso a Ausencias

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. el recepcioinista ingresa a traves del menu a ausencias  2. el sistema abre el menu login  Alternate: *2a*. User y Passs incorrectos  3. el recepcionista ingresa su mail y la clave  4. se abre el FormAusencias |

|  |
| --- |
| Alternate. User y Passs incorrectos    1. el sistema informa que el usuario o la contraseña son incorrectos  2. se vuelve al paso 2 |

| **CONSTRAINTS** |
| --- |
| Post-condition. se permite el ingreso al FormAusencias  [ Approved, Weight is 0. ] |

| **CONNECTORS** |
| --- |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: ingreso a Ausencias : UseCase, Public |

### **solicitud Ausencia de prodesional**

*UseCase in package '03 Gestion Ausencia del Profesional'*

solicitud Ausencia de prodesional

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 08-07-16

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. El recepcionista ingresa al menu ausencia>Profesional  2. el recepcionista ingresa el DNI del profesional  3. el sistema llama al caso de uso  Uses:  Buscar profesional  4. el sistema devuelve los datos del profesional  5. el recepcionista ingresa el motivo de la ausencia  6. el sistema llama al caso de uso  Uses:  cargar certificado de ausencia  Alternate: *6a*. no se carga certificcado de ausencia  7. el usuario ingresa el dia de inicio de ausencia, el horario de inicio de ausencia, el horario de fin de ausencia, el dia de fin de ausencia.  8. el sistema guarda en la tabla AusenciaProfesional los datos de AusenciaProfesional |

|  |
| --- |
| Alternate. no se carga certificcado de ausencia    1. se pasa al paso 7 |

| **CONNECTORS** |
| --- |
| **Include** «include» Source -> Destination  From: solicitud Ausencia de prodesional : UseCase, Public  To: Buscar Profesional : UseCase, Public |

|  |
| --- |
| **Extend** «extend» Source -> Destination  From: solicitud Ausencia de prodesional : UseCase, Public  To: Cargar certificado de Ausencia : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: solicitud Ausencia de prodesional : UseCase, Public |

## **05 Gestion Ausencia Cliente**

*Package in package 'Casos de uso'*

05 Gestion Ausencia Cliente

Version 1.0 Phase 1.0 Proposed

Jesus created on 08-07-16. Last modified 08-07-16

### **05 Gestion Ausencia Cliente diagram**

*Use Case diagram in package '05 Gestion Ausencia Cliente'*

05 Gestion Ausencia Cliente

Version 1.0

Jesus created on 08-07-16. Last modified 08-07-16



1. 05 Gestion Ausencia Cliente

#### **Recepcionista**

*Actor in package 'Actores'*

Recepcionista

Version 1.0 Phase 1.0 Proposed

Jesus created on 26-04-16. Last modified 26-04-16

| **CONNECTORS** |
| --- |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Buscar Turnos Afectados y asignar profesional de reemplazo : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Asignar Profesional de Reemplazo : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar Cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Gestor Modificar Turno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar en Lista de Espera : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Dar de baja Turno por ausencia del cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Dar de baja Cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: ingreso a Ausencias : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Reprogramar Turno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Buscar Turnos Afectados y asignar profesional de reemplazo : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar en Lista de Espera : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar Cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Modificar Cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar Turno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Modificar Turno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: solicitud Ausencia de prodesional : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Registrar Turno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Gesion Ingreso : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Buscar Turnos del Dia del cliente del dia de la Fecha : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Gestionar Sobreturno : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Buscar Turnos Afectados y asignar profesional de reemplazo : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Dar de baja Turno por ausencia del cliente : UseCase, Public |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Gestion Sobreturno : UseCase, Public |
| **UseCaseLink** Unspecified  From: Solicitar Auscencia del profesional : UseCase, Public  To: Recepcionista : Actor, Public |

#### **Tiempo**

*Actor in package 'Actores'*

Tiempo

Version 1.0 Phase 1.0 Proposed

Jesus created on 27-04-16. Last modified 27-04-16

| **CONNECTORS** |
| --- |
| **UseCaseLink** Source -> Destination  From: Tiempo : Actor, Public  To: Dar de baja turno automaticamente : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Tiempo : Actor, Public  To: Dar de baja turno automaticamente : UseCase, Public |

#### **Buscar Turnos Concretados para fechas futuras**

*UseCase in package '02 Gestion turno Solicitado'*

Buscar Turnos Concretados para fechas futuras

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-06-16. Last modified 08-07-16

| **ELEMENTS OWNED BY Buscar Turnos Concretados para fechas futuras** |
| --- |
| BuscarTurnosConcretadosFechasFuturas : Interaction |

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. El sistema recibe el DNI  2. el sistema llama al caso de uso  Uses:  Buscar Cliente  3. el sistema llama al caso de uso. Envia el profesional, el servicio (\*), la fecha (\*) el cliente actual y el estado nro 1  Uses:  buscarturnos  4. el sistema muestra en pantalla los turnos concretados para fechas futuras en un data grid en donde figurara: servicio, fecha, horario de entrada, salida y profesional designado |

| **CONNECTORS** |
| --- |
| **Include** «include» Source -> Destination  From: Buscar Turnos Concretados para fechas futuras : UseCase, Public  To: BuscarTurnos : UseCase, Public |

|  |
| --- |
| **Include** «include» Source -> Destination  From: Buscar Turnos Concretados para fechas futuras : UseCase, Public  To: Buscar Cliente : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Recepcion : Actor, Public  To: Buscar Turnos Concretados para fechas futuras : UseCase, Public |
| **Extend** «extend» Source -> Destination  From: Dar de baja Turno por ausencia del cliente : UseCase, Public  To: Buscar Turnos Concretados para fechas futuras : UseCase, Public |
| **Extend** «extend» Source -> Destination  From: Buscar Turnos Del Cliente del dia de la fecha : UseCase, Public  To: Buscar Turnos Concretados para fechas futuras : UseCase, Public |

##### **BuscarTurnosConcretadosFechasFuturas**

*Interaction owned by 'Buscar Turnos Concretados para fechas futuras', in package '02 Gestion turno Solicitado'*

BuscarTurnosConcretadosFechasFuturas

Version 1.0 Phase 1.0 Proposed

Jesus created on 12-06-16. Last modified 12-06-16

| **ELEMENTS OWNED BY BuscarTurnosConcretadosFechasFuturas** |
| --- |
| Recepcion : Actor |

|  |
| --- |
| <anonymous> : InteractionFragment |

|  |
| --- |
| <anonymous> : InteractionFragment |

###### **Recepcion**

*Actor owned by 'BuscarTurnosConcretadosFechasFuturas', in package '02 Gestion turno Solicitado'*

Recepcion

Version 1.0 Phase 1.0 Proposed

Usuario created on 07-07-16. Last modified 07-07-16

| **OUTGOING BEHAVIORAL RELATIONSHIPS** |
| --- |
| Name: Button1\_Click(Object, EventArgs)  Sequence from Recepcion to «boundary» TurnosdelCliente |

| **INCOMING BEHAVIORAL RELATIONSHIPS** |
| --- |
| Name: Turnos Clientes Fechas Futuras  Sequence from «boundary» TurnosdelCliente to Recepcion |

###### **<anonymous>**

*InteractionFragment owned by 'BuscarTurnosConcretadosFechasFuturas', in package '02 Gestion turno Solicitado'*

<anonymous>

Version 1.0 Phase 1.0 Proposed

Jesus created on 12-06-16. Last modified 12-06-16

###### **<anonymous>**

*InteractionFragment owned by 'BuscarTurnosConcretadosFechasFuturas', in package '02 Gestion turno Solicitado'*

<anonymous>

Version 1.0 Phase 1.0 Proposed

Jesus created on 07-07-16. Last modified 07-07-16

### **Dar de baja Turno por ausencia del cliente**

*UseCase in package '05 Gestion Ausencia Cliente'*

Dar de baja Turno por ausencia del cliente

Version 1.0 Phase 1.0 Proposed

Jesus created on 08-07-16. Last modified 08-07-16

| **EXTERNAL REQUIREMENTS** |
| --- |
| Requirement. REQ0501 Dar de baja Turno  La recepcionista podra con consentimiento del cliente dar de baja el turno. para esto el cliente debera inormar el numero de turno. o la fecha y el DNI del cliente. Una vez que se acepte la baja del turno. El turno quedara libre para un nuevo cliente  En el caso de que el cliente de de baja un turno cuando el mismo se encuentra a menos de 24hs de ser concretado. al cliente se le asignara un punto negativo  [ Stereotype is «Functional» ] |

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. el recepcionista ingresa el numero de turno que se desea dar de baja por pedido del cliente  Alternate: *1a*. El cliente desconoce el numero de turno  2. el recepcionista selecciona la opcion buscar Turno  3. el sistema muestra en pantalla los datos del turno: nombre del cliente, servicio y horario  4. el sistema verifica que el turno afectado no este proximo a las 24hs  Uses:  Verificar Turno Proximo a las 24hs  Alternate: *4a*. turno proximo a las 24hs  5. el recepcionista selecciona la opcion dar de baja turno  6. el sistema deja disponible el turno para otros servicios y clientes |

|  |
| --- |
| Alternate. turno proximo a las 24hs    1. el sistema atribuye al cliente como cliente en falta |

|  |
| --- |
| Alternate. El cliente desconoce el numero de turno    1. el sistema abre el Form: FormNumerodeTurnoDesconocido  2. El Recepcionista ingresa el DNI del cliente  3. el recepcionista selecciona el boton btnBuscarTurnosFechasFuturas  4. El sistema llama al caso de uso  Uses:  Buscar Turnos Concretados para Fechas futuras  5. El Recepcionista elije el turno de la lista que se desea cancelar a pedido del cliente |

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Realization from Dar de baja Turno por ausencia del cliente to «Functional» REQ0501 Dar de baja Turno  [ Direction is 'Source -> Destination'. ] |

| **CONNECTORS** |
| --- |
| **Extend** «extend» Source -> Destination  From: Dar de baja Turno por ausencia del cliente : UseCase, Public  To: Buscar Turnos Concretados para fechas futuras : UseCase, Public |

|  |
| --- |
| **Include** «include» Source -> Destination  From: Dar de baja Turno por ausencia del cliente : UseCase, Public  To: Verificar Turno Proximo a las 24hs : UseCase, Public |

|  |
| --- |
| **UseCaseLink** Source -> Destination  From: Recepcionista : Actor, Public  To: Dar de baja Turno por ausencia del cliente : UseCase, Public |

### **Dar de baja turno automaticamente**

*UseCase in package '05 Gestion Ausencia Cliente'*

Dar de baja turno automaticamente

Version 1.0 Phase 1.0 Proposed

Jesus created on 08-07-16. Last modified 08-07-16

| **EXTERNAL REQUIREMENTS** |
| --- |
| Requirement. REQ0502 Dar de baja turno automaticamente  En caso de que el cliente no asista al turno reservado. el sistema dara de baja el turno automaticamente y se le asignara al cliente que pidio el turno un puntaje negativo  [ Stereotype is «Functional» ] |

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. AL iniciar el programa el sistema busca los casos de uso que tengan una fecha menos al dia actual y no se hayan concretados  2. el sistema modifica la variable Estado como TRUE |

| **OUTGOING STRUCTURAL RELATIONSHIPS** |
| --- |
| Realization from Dar de baja turno automaticamente to «Functional» REQ0502 Dar de baja turno automaticamente  [ Direction is 'Source -> Destination'. ] |

| **CONNECTORS** |
| --- |
| **UseCaseLink** Source -> Destination  From: Tiempo : Actor, Public  To: Dar de baja turno automaticamente : UseCase, Public |

### **Verificar Turno Proximo a las 24hs**

*UseCase in package '05 Gestion Ausencia Cliente'*

Verificar Turno Proximo a las 24hs

Version 1.0 Phase 1.0 Proposed

Jesus created on 08-07-16. Last modified 08-07-16

| **SCENARIOS** |
| --- |
| Basic Path. Basic Path    1. el sistema recibe el turno solicitado  2. el sistema compara con la fecha actual que el turno este proximo a las 24hs  Alternate: *2a*. turno no proximo a las 24hs  3. el sistema devuelve true en caso que el turno este proximo a las 24hs |

|  |
| --- |
| Alternate. turno no proximo a las 24hs    1. el sistema confirma que el turno no esta proximo a las 24hs  2. el sistema devuelve FALSE |

| **CONNECTORS** |
| --- |
| **Include** «include» Source -> Destination  From: Dar de baja Turno por ausencia del cliente : UseCase, Public  To: Verificar Turno Proximo a las 24hs : UseCase, Public |

### **<anonymous>**

*Object in package '05 Gestion Ausencia Cliente'*

<anonymous>

Version 1.0 Phase 1.0 Proposed

Jesus created on 08-07-16. Last modified 08-07-16