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Use Case Model

Package in package 'Model'

Use Case Model
Version Phase 1.0 Proposed
Roehful created on 21/11/2018. Last modified 21/11/2018

Use Case Model diagram

Use Case diagram in package 'Use Case Model'

Use Case Model
Version 1.0
Roehful created on 21/11/2018. Last modified 21/11/2018

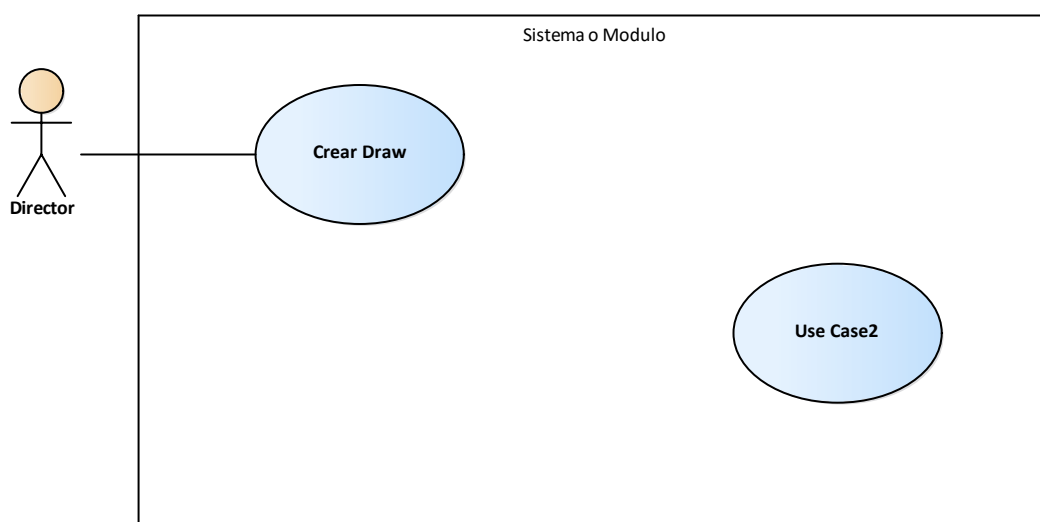


Figure 1: Use Case Model

Sistema o Modulo

Boundary in package 'Use Case Model'

Sistema o Modulo
Version 1.0 Phase 1.0 Proposed
Roehful created on 21/11/2018. Last modified 21/11/2018
Extends

Actors

Package in package 'Use Case Model'

Actors
Version 1.0 Phase 1.0 Proposed
Roehful created on 21/11/2018. Last modified 21/11/2018

Actors diagram

Use Case diagram in package 'Actors'

Actors

Version 1.0

Roehful created on 21/11/2018. Last modified 21/11/2018

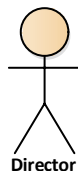


Figure 2: Actors

Director

Actor in package 'Actors'

Responsable de muchos aspectos del torneo, incluyendo la creación del Draw, horarios de las canchas, tiempos de las canchas, asignando los arbitros y otros oficiales para cada encuentro, y actualizando partes del Draw como progrese el torneo.

Director

Version 1.0 Phase 1.0 Proposed

Roehful created on 21/11/2018. Last modified 21/11/2018

OUTGOING BEHAVIORAL RELATIONSHIPS

Sequence from Director to Object1

CONNECTORS

UseCaseLink Source -> Destination
 From: Director : Actor, Public
 To: Gestionar Draw : UseCase, Public

ASSOCIATIONS

Association (direction: Unspecified)

Source: Public (Actor) Director

Target: Public (UseCase) Gestionar Cancha

Association (direction: Unspecified)

Source: Public (Actor) Director

Target: Public (UseCase) Gestionar Torneo

Primary Use Cases

Package in package 'Use Case Model'

Primary Use Cases
Version 1.0 Phase 1.0 Proposed
Roehful created on 21/11/2018. Last modified 21/11/2018

Primary Use Cases diagram

Use Case diagram in package 'Primary Use Cases'

Primary Use Cases
Version 1.0
Roehful created on 21/11/2018. Last modified 22/11/2018

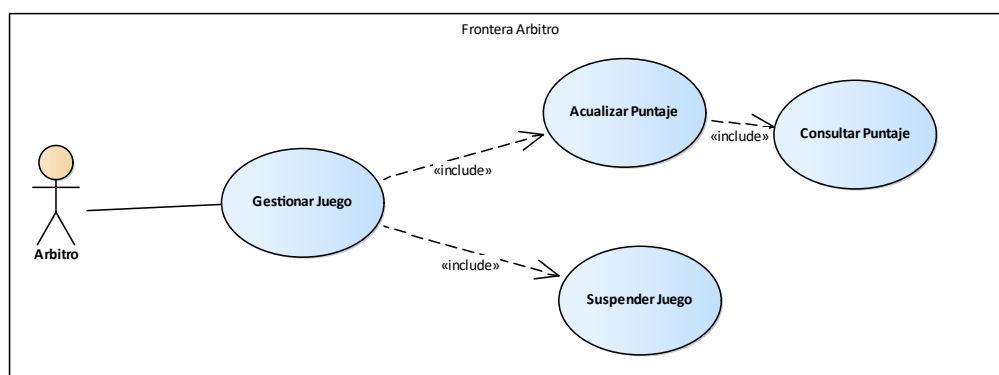
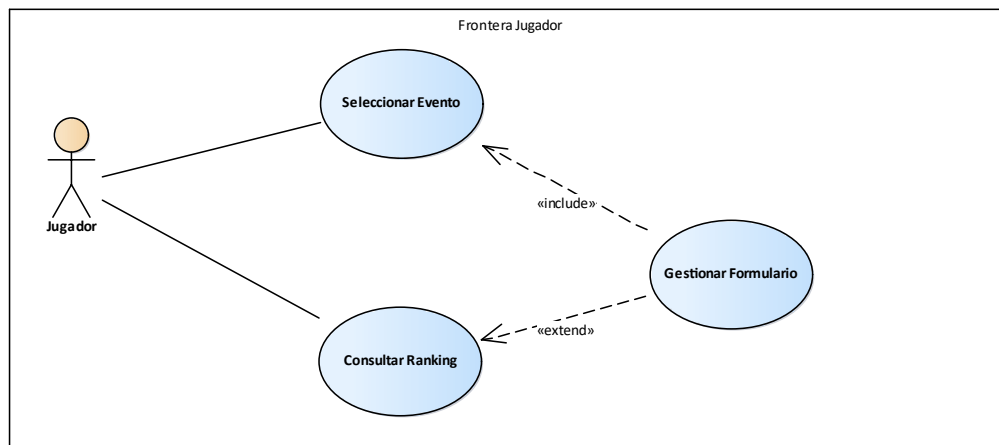
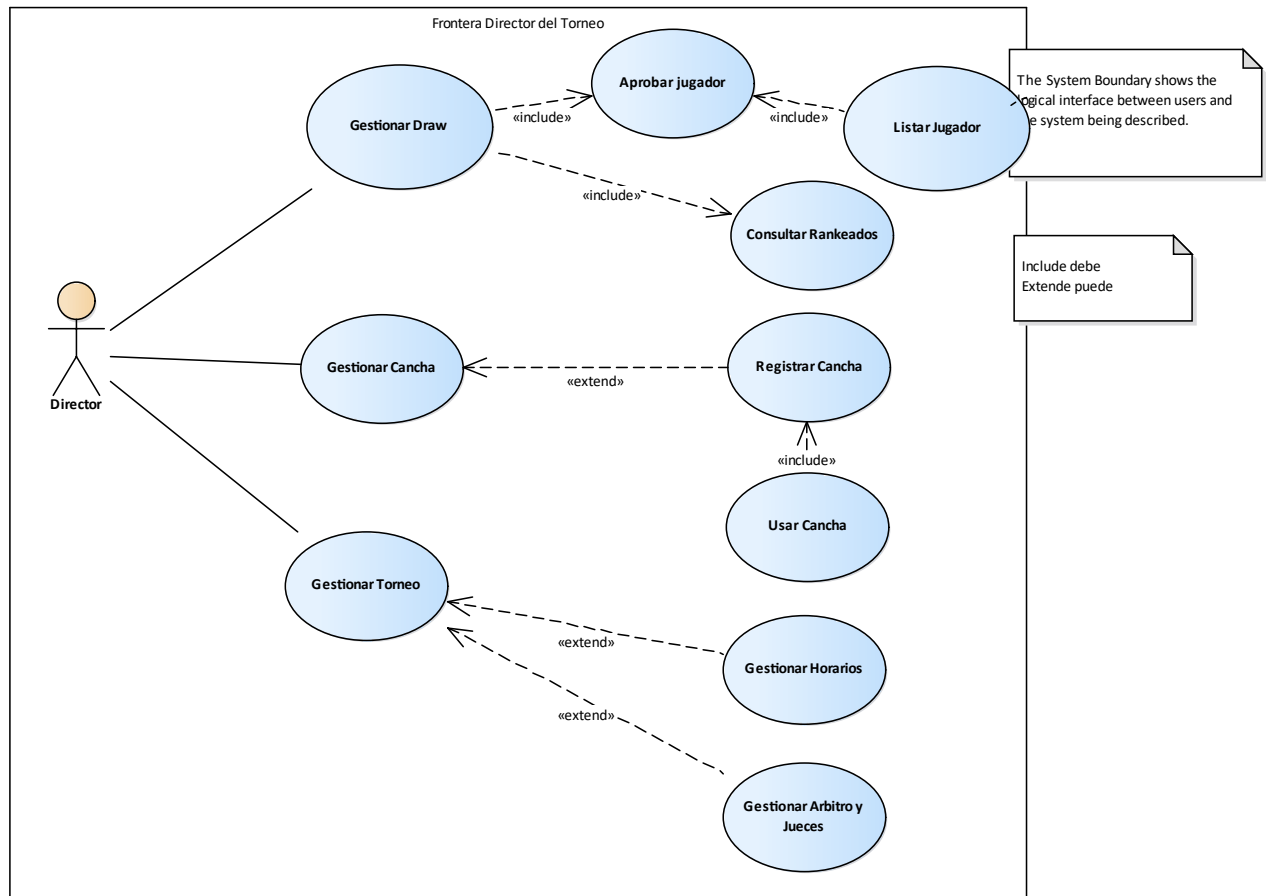


Figure 3: Primary Use Cases

Director

Actor in package 'Actors'

Responsable de muchos aspectos del torneo, incluyendo la creación del Draw, horarios de las canchas, tiempos de las canchas, asignando los arbitros y otros oficiales para cada encuentro, y actualizando partes del Draw como progrese el torneo.

Director


Version 1.0 Phase 1.0 Proposed

Roehful created on 21/11/2018. Last modified 21/11/2018

OUTGOING BEHAVIORAL RELATIONSHIPS

Sequence from Director to Object1

CONNECTORS

 **UseCaseLink** Source -> Destination
From: Director : Actor, Public
To: Gestionar Draw : UseCase, Public

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (Actor) Director

Target: Public (UseCase) Gestionar Cancha

 Association (direction: Unspecified)

Source: Public (Actor) Director

Target: Public (UseCase) Gestionar Torneo

Frontera Arbitro

Boundary in package 'Primary Use Cases'

Frontera Arbitro

Version 1.0 Phase 1.0 Proposed

Roehful created on 21/11/2018. Last modified 21/11/2018

Extends

Frontera Director del Torneo

Boundary in package 'Primary Use Cases'

Frontera Director del Torneo

Version 1.0 Phase 1.0 Proposed

Roehful created on 21/11/2018. Last modified 21/11/2018

Extends

Frontera Jugador

Boundary in package 'Primary Use Cases'

Frontera Jugador
Version 1.0 Phase 1.0 Proposed
Roehful created on 21/11/2018. Last modified 21/11/2018
Extends

Note

Note in package 'Primary Use Cases'

Include debe
Extende puede

Note
Version 1.0 Phase 1.0 Proposed
Roehful created on 21/11/2018. Last modified 21/11/2018
Extends

Note

Note in package 'Primary Use Cases'

The System Boundary shows the logical interface between users and the system being described.

Note
Version 1.0 Phase 1.0 Proposed
Roehful created on 21/11/2018. Last modified 21/11/2018
Extends

Arbitro

Actor in package 'Primary Use Cases'

Oficiales del torneo (árbitros de silla) podrían escribir los resultados del encuentro en la hoja del Draw (una hoja de papel del tamaño de un poster)

Arbitro
Version 1.0 Phase 1.0 Proposed
Roehful created on 21/11/2018. Last modified 21/11/2018

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (Actor) Arbitro

Target: Public (UseCase) Gestionar Juego

Juez

Actor in package 'Primary Use Cases'

Juez

Version 1.0 Phase 1.0 Proposed

Roehful created on 21/11/2018. Last modified 21/11/2018



Jugador

Actor in package 'Primary Use Cases'

Jugador

Version 1.0 Phase 1.0 Proposed

Roehful created on 21/11/2018. Last modified 21/11/2018

| ASSOCIATIONS | |
|--|---|
|  Association (direction: Unspecified) | |
| Source: Public (Actor) Jugador | Target: Public (UseCase) Seleccionar Evento |
|  Association (direction: Unspecified) | |
| Source: Public (Actor) Jugador | Target: Public (UseCase) Consultar Ranking |

Actualizar Eventos

UseCase in package 'Primary Use Cases'

Actualizar Eventos

Version 1.0 Phase 1.0 Proposed

Roehful created on 21/11/2018. Last modified 21/11/2018

| CONNECTORS | |
|--|--|
|  Extend «extend» Source -> Destination | |
| From: Actualizar Eventos : UseCase, Public | |
| To: Gestionar Draw : UseCase, Public | |

Actualizar Puntaje

UseCase in package 'Primary Use Cases'


Actualizar Puntaje

Version 1.0 Phase 1.0 Proposed

Roehful created on 21/11/2018. Last modified 21/11/2018

| CONNECTORS | |
|--|--|
|  Include «include» Source -> Destination | |
| From: Actualizar Puntaje : UseCase, Public | |
| To: Consultar Puntaje : UseCase, Public | |

CONNECTORS


 **Include** «include» Source -> Destination
From: Gestionar Juego : UseCase, Public
To: Actualizar Puntaje : UseCase, Public


Aprobar jugador

UseCase in package 'Primary Use Cases'

Aprobar jugador
Version 1.0 Phase 1.0 Proposed
Roehful created on 22/11/2018. Last modified 22/11/2018

CONNECTORS

 **Include** «include» Source -> Destination
From: Listar Jugador : UseCase, Public
To: Aprobar jugador : UseCase, Public


 **Include** «include» Source -> Destination
From: Gestionar Draw : UseCase, Public
To: Aprobar jugador : UseCase, Public

Consultar Puntaje

UseCase in package 'Primary Use Cases'

Consultar Puntaje
Version 1.0 Phase 1.0 Proposed
Roehful created on 21/11/2018. Last modified 21/11/2018

CONNECTORS

 **Include** «include» Source -> Destination
From: Actualizar Puntaje : UseCase, Public
To: Consultar Puntaje : UseCase, Public


Consultar Rankeados

UseCase in package 'Primary Use Cases'

Consultar Rankeados
Version 1.0 Phase 1.0 Proposed
Roehful created on 21/11/2018. Last modified 21/11/2018

CONNECTORS

CONNECTORS


 **Include** «include» Source -> Destination
 From: Gestionar Draw : UseCase, Public
 To: Consultar Rankeados : UseCase, Public

Consultar Ranking

UseCase in package 'Primary Use Cases'

Consultar Ranking
 Version 1.0 Phase 1.0 Proposed
 Roehful created on 21/11/2018. Last modified 21/11/2018

CONNECTORS

 **Extend** «extend» Source -> Destination
 From: Gestionar Formulario : UseCase, Public
 To: Consultar Ranking : UseCase, Public

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (Actor) Jugador


Target: Public (UseCase) Consultar Ranking

Enviar Puntaje Hoja Draw

UseCase in package 'Primary Use Cases'

Enviar Puntaje Hoja Draw
 Version 1.0 Phase 1.0 Proposed
 Roehful created on 21/11/2018. Last modified 21/11/2018

CONNECTORS

 **Include** «include» Source -> Destination
 From: Gestionar Juego : UseCase, Public
 To: Enviar Puntaje Hoja Draw : UseCase, Public


Gestionar Arbitro y Jueces


UseCase in package 'Primary Use Cases'

Gestionar Arbitro y Jueces
 Version 1.0 Phase 1.0 Proposed
 Roehful created on 21/11/2018. Last modified 21/11/2018

CONNECTORS

CONNECTORS

 **Extend** «extend» Source -> Destination
 From: Gestionar Arbitro y Jueces : UseCase, Public
 To: Gestionar Torneo : UseCase, Public


 **Include** «include» Source -> Destination
 From: Programacion : UseCase, Public
 To: Gestionar Arbitro y Jueces : UseCase, Public

Gestionar Cancha

UseCase in package 'Primary Use Cases'

Gestionar Cancha
 Version 1.0 Phase 1.0 Proposed
 Roehful created on 21/11/2018. Last modified 21/11/2018

CONNECTORS

 **Extend** «extend» Source -> Destination
 From: Registrar Cancha : UseCase, Public
 To: Gestionar Cancha : UseCase, Public

ASSOCIATIONS

 Association (direction: Unspecified)
 Source: Public (Actor) Director Target: Public (UseCase) Gestionar Cancha


Gestionar Draw

UseCase in package 'Primary Use Cases'


Crear Drawn
 Actualizar

Gestionar Draw
 Version 1.0 Phase 1.0 Proposed
 Roehful created on 21/11/2018. Last modified 21/11/2018


ELEMENTS OWNED BY Gestionar Draw


 Object1 : Sequence


CONNECTORS

 **Include** «include» Source -> Destination
 From: Gestionar Draw : UseCase, Public
 To: Consultar Rankeados : UseCase, Public

CONNECTORS

 **Include** «include» Source -> Destination
 From: Gestionar Draw : UseCase, Public
 To: Aprobar jugador : UseCase, Public

 **Extend** «extend» Source -> Destination
 From: Actualizar Eventos : UseCase, Public
 To: Gestionar Draw : UseCase, Public

 **UseCaseLink** Source -> Destination
 From: Director : Actor, Public
 To: Gestionar Draw : UseCase, Public

Use Case1 diagram

Interaction diagram in package 'Primary Use Cases'

Use Case1
Version 1.0

Roehful created on 21/11/2018. Last modified 21/11/2018

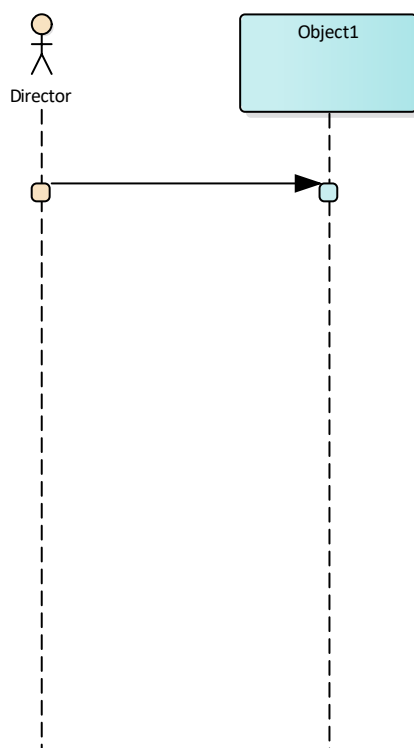


Figure 4: Use Case1

Director

Actor in package 'Actors'


Responsable de muchos aspectos del torneo, incluyendo la creación del Draw, horarios de las canchas, tiempos de las canchas, asignando los arbitros y otros oficiales para cada encuentro, y actualizando partes del Draw como progrese el torneo.

Director
Version 1.0 Phase 1.0 Proposed
Roehful created on 21/11/2018. Last modified 21/11/2018

OUTGOING BEHAVIORAL RELATIONSHIPS

Sequence from Director to Object1

CONNECTORS

 **UseCaseLink** Source -> Destination
From: Director : Actor, Public
To: Gestionar Draw : UseCase, Public

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (Actor) Director


Target: Public (UseCase) Gestionar Cancha

 Association (direction: Unspecified)

Source: Public (Actor) Director

Target: Public (UseCase) Gestionar Torneo

INTERACTION MESSAGES

 **1.0 "** from 'Director' sent to 'Object1'.

Synchronous Call.

[Return is False. Iteration is False. New group is False.]

Object1

Sequence owned by 'Gestionar Draw', in package 'Primary Use Cases'

Object1
Version 1.0 Phase 1.0 Proposed
Roehful created on 21/11/2018. Last modified 21/11/2018

INCOMING BEHAVIORAL RELATIONSHIPS




Sequence from Director to Object1

Gestionar Formulario

UseCase in package 'Primary Use Cases'

Todos los participantes deben completar y enviar un formulario de participación. El formulario tiene el nombre, apellido, su ranking actual, nacionalidad y los eventos en los que participará

Gestionar Formulario
Version 1.0 Phase 1.0 Proposed
Roehful created on 21/11/2018. Last modified 21/11/2018

| CONNECTORS | |
|---|--|
|  | Extend «extend» Source -> Destination From: Gestionar Formulario : UseCase, Public To: Consultar Ranking : UseCase, Public |
|  | Extend «extend» Source -> Destination From: Gestionar Formulario : UseCase, Public To: Use Case1 : UseCase, Public |
|  | Include «include» Source -> Destination From: Gestionar Formulario : UseCase, Public To: Seleccionar Evento : UseCase, Public |

Gestionar Formulario

UseCase in package 'Primary Use Cases'

Todos los participantes deben completar y enviar un formulario de participación. El formulario tiene el nombre, apellido, su ranking actual, nacionalidad y los eventos en los que participará



Gestionar Formulario
Version 1.0 Phase 1.0 Proposed
Roehful created on 21/11/2018. Last modified 21/11/2018

Gestionar Horarios

UseCase in package 'Primary Use Cases'

Programacion

Gestionar Horarios
Version 1.0 Phase 1.0 Proposed
Roehful created on 21/11/2018. Last modified 21/11/2018

| CONNECTORS | |
|---|--|
|  | Extend «extend» Source -> Destination From: Gestionar Horarios : UseCase, Public To: Gestionar Torneo : UseCase, Public |
|  | Include «include» Source -> Destination From: Programacion : UseCase, Public To: Gestionar Horarios : UseCase, Public |

Gestionar Juego

UseCase in package 'Primary Use Cases'

A medida que avanza cada partido, el arbitro de silla mantiene la puntuación durante el partido oficiado. El o ella envían el puntaje final (el numero de juegos ganados por cada jugador en cada set) sobre la hoja del Draw (Draw sheet) después de finalizar el encuentro.

En algunos casos, es posible que un jugador tenga que

omitir o dejar de jugar parte de un encuentro en curso (como el caso de una lesión).


Si esto pasa, el arbitro de silla ingresa hasta el punto en el que el jugador abandona y luego documenta el valor por defecto junto al nombre del jugador


Gestionar Juego


Version 1.0 Phase 1.0 Proposed

Roehful created on 21/11/2018. Last modified 21/11/2018

CONNECTORS

 **Include** «include» Source -> Destination
From: Gestionar Juego : UseCase, Public
To: Actualizar Puntaje : UseCase, Public

 **Include** «include» Source -> Destination
From: Gestionar Juego : UseCase, Public
To: Suspende Juego : UseCase, Public

 **Include** «include» Source -> Destination
From: Gestionar Juego : UseCase, Public
To: Enviar Puntaje Hoja Draw : UseCase, Public

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (Actor) Arbitro

Target: Public (UseCase) Gestionar Juego

Gestionar Torneo


UseCase in package 'Primary Use Cases'

Gestionar Torneo


Version 1.0 Phase 1.0 Proposed


Roehful created on 21/11/2018. Last modified 21/11/2018

CONNECTORS

 **Extend** «extend» Source -> Destination
From: Gestionar Arbitro y Jueces : UseCase, Public
To: Gestionar Torneo : UseCase, Public

CONNECTORS

 **Extend** «extend» Source -> Destination
 From: Gestionar Torneo : UseCase, Public
 To: Gestionar Torneo : UseCase, Public

 **Extend** «extend» Source -> Destination
 From: Gestionar Horarios : UseCase, Public
 To: Gestionar Torneo : UseCase, Public

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (Actor) Director

Target: Public (UseCase) Gestionar Torneo


Gestionar Torneo

UseCase in package 'Primary Use Cases'

Definir Premio
 Fechas de inicio y fin
 Demas eventos

Gestionar Torneo
 Version 1.0 Phase 1.0 Proposed
 Roehful created on 21/11/2018. Last modified 21/11/2018

CONNECTORS

 **Extend** «extend» Source -> Destination
 From: Gestionar Torneo : UseCase, Public
 To: Gestionar Torneo : UseCase, Public


Listar Jugador

UseCase in package 'Primary Use Cases'

Registrar datos personales
 Inscripcion al sorteo
 Visualizar resumen de encuentros

Listar Jugador
 Version 1.0 Phase 1.0 Proposed
 Roehful created on 21/11/2018. Last modified 22/11/2018

CONNECTORS


 **Include** «include» Source -> Destination
 From: Listar Jugador : UseCase, Public
 To: Aprobar jugador : UseCase, Public


Programacion

UseCase in package 'Primary Use Cases'

Programacion
Version 1.0 Phase 1.0 Proposed
Roehful created on 21/11/2018. Last modified 21/11/2018

CONNECTORS

 **Include** «include» Source -> Destination
From: Programacion : UseCase, Public
To: Gestionar Horarios : UseCase, Public


 **Include** «include» Source -> Destination
From: Programacion : UseCase, Public
To: Gestionar Arbitro y Jueces : UseCase, Public


Registrar Cancha

UseCase in package 'Primary Use Cases'

Registrar Cancha
Version 1.0 Phase 1.0 Proposed
Roehful created on 21/11/2018. Last modified 21/11/2018

CONNECTORS

 **Extend** «extend» Source -> Destination
From: Registrar Cancha : UseCase, Public
To: Gestionar Cancha : UseCase, Public

 **Include** «include» Source -> Destination
From: Usar Cancha : UseCase, Public
To: Registrar Cancha : UseCase, Public

Seleccionar Evento


UseCase in package 'Primary Use Cases'

Es posible que un solo jugador pueda jugar en tres diferentes eventos: un evento individual, un evento doble, y un evento mixto.

Seleccionar Evento
Version 1.0 Phase 1.0 Proposed
Roehful created on 21/11/2018. Last modified 21/11/2018

CONNECTORS

CONNECTORS

 **Include** «include» Source -> Destination
 From: Gestionar Formulario : UseCase, Public
 To: Seleccionar Evento : UseCase, Public

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (Actor) Jugador

Target: Public (UseCase) Seleccionar Evento

Suspender Juego


UseCase in package 'Primary Use Cases'

Suspender Juego

Version 1.0 Phase 1.0 Proposed

Roehful created on 21/11/2018. Last modified 21/11/2018

CONNECTORS

 **Include** «include» Source -> Destination
 From: Gestionar Juego : UseCase, Public
 To: Suspender Juego : UseCase, Public

Usar Cancha


UseCase in package 'Primary Use Cases'

Usar Cancha

Version 1.0 Phase 1.0 Proposed

Roehful created on 21/11/2018. Last modified 21/11/2018

CONNECTORS

 **Include** «include» Source -> Destination
 From: Usar Cancha : UseCase, Public
 To: Registrar Cancha : UseCase, Public

Use Case1

UseCase in package 'Primary Use Cases'


Use Case1

Version 1.0 Phase 1.0 Proposed

Roehful created on 21/11/2018. Last modified 21/11/2018

CONNECTORS

CONNECTORS

 **Extend** «extend» Source -> Destination
 From: Gestionar Formulario : UseCase, Public
 To: Use Case1 : UseCase, Public

Director

Actor in package 'Use Case Model'

Director
 Version 1.0 Phase 1.0 Proposed
 Roehful created on 21/11/2018. Last modified 21/11/2018

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (Actor) Director

Target: Public (UseCase) Use Case1

 Association (direction: Unspecified)

Source: Public (Actor) Director

Target: Public (UseCase) Crear Draw

Crear Draw

UseCase in package 'Use Case Model'

Crear Draw
 Version 1.0 Phase 1.0 Proposed
 Roehful created on 21/11/2018. Last modified 21/11/2018

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (Actor) Director

Target: Public (UseCase) Crear Draw

Crear Draw

UseCase in package 'Use Case Model'

Crear Draw
 Version 1.0 Phase 1.0 Proposed
 Roehful created on 21/11/2018. Last modified 21/11/2018

Crear Draw

Instance in package 'Use Case Model'

Crear Draw
Version 1.0 Phase 1.0 Proposed
Roehful created on 21/11/2018. Last modified 21/11/2018

Use Case1

UseCase in package 'Use Case Model'

Use Case1
Version 1.0 Phase 1.0 Proposed
Roehful created on 21/11/2018. Last modified 21/11/2018

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (Actor) Director

Target: Public (UseCase) Use Case1

Use Case2

UseCase in package 'Use Case Model'

Use Case2
Version 1.0 Phase 1.0 Proposed
Roehful created on 21/11/2018. Last modified 21/11/2018

Director

Object in package 'Use Case Model'

Director
Version 1.0 Phase 1.0 Proposed
Roehful created on 21/11/2018. Last modified 21/11/2018

Occurrence

CollaborationUse in package 'Use Case Model'

Occurrence
Version 1.0 Phase 1.0 Proposed
Roehful created on 21/11/2018. Last modified 21/11/2018