

MoviePass 2020 Model Report EA

Version 1.0●



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Model

Package in package "

Model

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Use Case Model

Package in package 'Model'

Use Case Model

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Use Case Model diagram

Use Case diagram in package 'Use Case Model'

Use Case Model

Version 1.0

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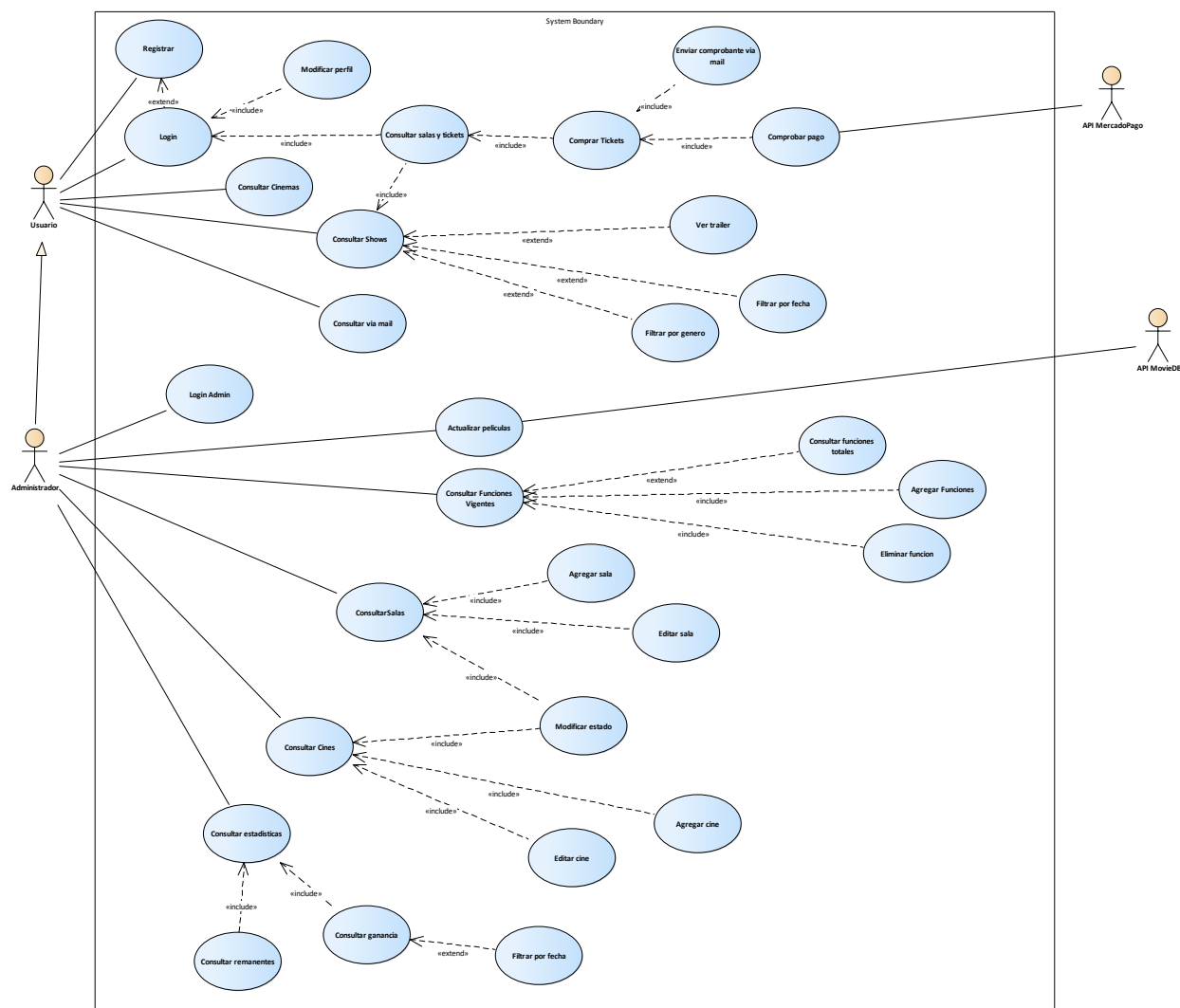


Figure 1: Use Case Model

System Boundary

Boundary in package 'Use Case Model'

System Boundary

Version 1.0 Phase 1.0 Proposed

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Extends

Administrador

Actor in package 'Actors'

Administrador

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OUTGOING STRUCTURAL RELATIONSHIPS

OUTGOING STRUCTURAL RELATIONSHIPS

← Generalization from Administrador to Usuario

[Direction is 'Source -> Destination'.]

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (UseCase) Consultar Funciones Vigentes

Target: Public (Actor) Administrador

 Association (direction: Unspecified)

Source: Public (UseCase) Actualizar peliculas

Target: Public (Actor) Administrador

 Association (direction: Unspecified)

Source: Public (UseCase) ConsultarSalas

Target: Public (Actor) Administrador

 Association (direction: Unspecified)

Source: Public (UseCase) Login Admin

Target: Public (Actor) Administrador

 Association (direction: Unspecified)

Source: Public (UseCase) Consultar Cines

Target: Public (Actor) Administrador

 Association (direction: Unspecified)

Source: Public (UseCase) Consultar estadísticas

Target: Public (Actor) Administrador

Usuario

Actor in package 'Actors'

Usuario

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INCOMING STRUCTURAL RELATIONSHIPS

⇒ Generalization from Administrador to Usuario





[Direction is 'Source -> Destination'.]

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (UseCase) Registrar



Target: Public (Actor) Usuario

ASSOCIATIONS	
 Association (direction: Unspecified)	
Source: Public (UseCase) Consultar via mail	Target: Public (Actor) Usuario
 Association (direction: Unspecified)	
Source: Public (UseCase) Consultar Shows	Target: Public (Actor) Usuario
 Association (direction: Unspecified)	
Source: Public (UseCase) Consultar Cinemas	Target: Public (Actor) Usuario
 Association (direction: Unspecified)	
Source: Public (UseCase) Login	Target: Public (Actor) Usuario

Actualizar películas

UseCase in package 'Primary Use Cases'

Actualizar películas
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ASSOCIATIONS	
 Association (direction: Unspecified)	
Source: Public (UseCase) Actualizar películas	Target: Public (Actor) Administrador
 Association (direction: Unspecified)	
Source: Public (Actor) API MovieDB	Target: Public (UseCase) Actualizar películas


Agregar cine

UseCase in package 'Primary Use Cases'

Agregar cine
Version 1.0 Phase 1.0 Proposed
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CONNECTORS

CONNECTORS

 **Include** «include» Source -> Destination
 From: Agregar cine : UseCase, Public
 To: Consultar Cines : UseCase, Public

Agregar Funciones


UseCase in package 'Primary Use Cases'

Agregar Funciones

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RESPONSIBILITIES (INTERNAL REQUIREMENTS)


 Functional. Pre requisito : Caso de uso <Consultar funciones vigentes>

[Proposed, Medium difficulty.]

 Functional. Pre requisito : Login

[Proposed, Medium difficulty.]

SCENARIOS

 Basic Path. Basic Path


1. Administrativo selecciona boton "Agregar" en la vista correspondiente a <Consultar funciones vigentes>
2. Sistema ejecuta la vista para agregar una nueva funcion
3. Usuario ingresa datos a un formulario donde se solicita, Sala, Pelicula, Fecha y Horario
4. Sistema comprueba que la informacion ingresada sea correcta y pueda ser ingresada a la base de datos correspondiente

Alternate: 4a. Solicitud rechazada

 Alternate. Solicitud rechazada

1. Sistema rechaza la informacion solicitada por problemas de tipo <Fecha / Horario>
2. Usuario recibe la excepcion de rechazo y debera reingresar una nueva solicitud para agregar la funcion

CONNECTORS

 **Include** «include» Source -> Destination
 From: Agregar Funciones : UseCase, Public
 To: Consultar Funciones Vigentes : UseCase, Public

Agregar sala


UseCase in package 'Primary Use Cases'

Agregar sala

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CONNECTORS

 **Include** «include» Source -> Destination
 From: Agregar sala : UseCase, Public
 To: ConsultarSalas : UseCase, Public

Comprar Tickets*UseCase in package 'Primary Use Cases'*

Comprar Tickets

Version 1.0 Phase 1.0 Proposed

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RESPONSIBILITIES (INTERNAL REQUIREMENTS)

 **Functional.** Prerequisitos previos

Realizar previamente los casos de uso de <Login> y <Consulta de salas y tickets>


[Proposed, Medium difficulty.]

SCENARIOS

 **Basic Path.** Exception

- Descripcion del caso de uso <Compra de Ticket>

1. Usuario completa el formulario para realizar la compra del ticket correspondiente
2. El sistema realiza la comprobacion de la informacion solicitada
Alternate: 2a. Alternativa <Mal ingreso>
3. El usuario selecciona la opcion "Pagar" para realizar el pago
4. El sistema ejecuta la conexion a la API Mercado Pago para comprobar y procesar el mismo
Alternate: 4a. Comprobacion Pago


 **Alternate.** Alternativa <Mal ingreso>


1. El Sistema comprueba que la informacion solicitada es incorrecta y redirige al usuario mediante una Excepcion
2. El usuario debe realizar la solicitud de formulario nuevamente para continuar con la compra


 **Alternate.** Comprobacion Pago

1. El sistema comprueba si la informacion de pago es correcta
2. Si la informacion registrada no permite la realizacion de la compra, se envia una excepcion hacia el lado del cliente
3. El cliente debera volver a realizar la solicitud de pago con otro metodo de pago.

CONNECTORS

 **Include** «include» Source -> Destination
 From: Comprar Tickets : UseCase, Public
 To: Consultar salas y tickets : UseCase, Public

 **Include** «include» Source -> Destination
 From: Comprobar pago : UseCase, Public
 To: Comprar Tickets : UseCase, Public

 **Include** «include» Source -> Destination
 From: Enviar comprobante via mail : UseCase, Public
 To: Comprar Tickets : UseCase, Public

Consultar Cinemas

UseCase in package 'Primary Use Cases'

Consultar Cinemas
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ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (UseCase) Consultar Cinemas


Target: Public (Actor) Usuario


Consultar Cines

UseCase in package 'Primary Use Cases'


Consultar Cines
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CONNECTORS

 **Include** «include» Source -> Destination
 From: Editar cine : UseCase, Public
 To: Consultar Cines : UseCase, Public

 **Include** «include» Source -> Destination
 From: Agregar cine : UseCase, Public
 To: Consultar Cines : UseCase, Public

CONNECTORS

 **Include** «include» Source -> Destination
 From: Modificar estado : UseCase, Public
 To: Consultar Cines : UseCase, Public

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (UseCase) Consultar Cines

Target: Public (Actor) Administrador

Consultar estadísticas


UseCase in package 'Primary Use Cases'


Consultar estadísticas

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CONNECTORS

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

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

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (UseCase) Consultar estadísticas

Target: Public (Actor) Administrador

Consultar funciones totales

UseCase in package 'Primary Use Cases'


Consultar funciones totales

Version 1.0 Phase 1.0 Proposed

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CONNECTORS

CONNECTORS

 **Extend** «extend» Source -> Destination
 From: Consultar funciones totales : UseCase, Public
 To: Consultar Funciones Vigentes : UseCase, Public


Consultar Funciones Vigentes


UseCase in package 'Primary Use Cases'


Consultar Funciones Vigentes
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CONNECTORS

 **Extend** «extend» Source -> Destination
 From: Consultar funciones totales : UseCase, Public
 To: Consultar Funciones Vigentes : UseCase, Public

 **Include** «include» Source -> Destination
 From: Eliminar funcion : UseCase, Public
 To: Consultar Funciones Vigentes : UseCase, Public

 **Include** «include» Source -> Destination
 From: Agregar Funciones : UseCase, Public
 To: Consultar Funciones Vigentes : UseCase, Public

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (UseCase) Consultar Funciones Vigentes

Target: Public (Actor) Administrador


Consultar salas y tickets

UseCase in package 'Primary Use Cases'


Consultar salas y tickets
 Version 1.0 Phase 1.0 Proposed


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CONNECTORS

 **Include** «include» Source -> Destination
 From: Consultar salas y tickets : UseCase, Public
 To: Consultar Shows : UseCase, Public

CONNECTORS

 **Include** «include» Source -> Destination
 From: Consultar salas y tickets : UseCase, Public
 To: Login : UseCase, Public


 **Include** «include» Source -> Destination
 From: Comprar Tickets : UseCase, Public
 To: Consultar salas y tickets : UseCase, Public


Consultar Shows


UseCase in package 'Primary Use Cases'


Consultar Shows
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CONNECTORS

 **Extend** «extend» Source -> Destination
 From: Filtrar por genero : UseCase, Public
 To: Consultar Shows : UseCase, Public

 **Include** «include» Source -> Destination
 From: Consultar salas y tickets : UseCase, Public
 To: Consultar Shows : UseCase, Public

 **Extend** «extend» Source -> Destination
 From: Filtrar por fecha : UseCase, Public
 To: Consultar Shows : UseCase, Public

 **Extend** «extend» Source -> Destination
 From: Ver trailer : UseCase, Public
 To: Consultar Shows : UseCase, Public

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (UseCase) Consultar Shows

Target: Public (Actor) Usuario

Consultar via mail

UseCase in package 'Primary Use Cases'

Consultar via mail
 Version 1.0 Phase 1.0 Proposed

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ASSOCIATIONS Association (direction: Unspecified)

Source: Public (UseCase) Consultar via mail

Target: Public (Actor) Usuario


ConsultarSalas

UseCase in package 'Primary Use Cases'

ConsultarSalas


Version 1.0 Phase 1.0 Proposed

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CONNECTORS **Include** «include» Source -> Destination


From: Agregar sala : UseCase, Public

To: ConsultarSalas : UseCase, Public

 **Include** «include» Source -> Destination

From: Modificar estado : UseCase, Public

To: ConsultarSalas : UseCase, Public

 **Include** «include» Source -> Destination

From: Editar sala : UseCase, Public

To: ConsultarSalas : UseCase, Public

ASSOCIATIONS Association (direction: Unspecified)

Source: Public (UseCase) ConsultarSalas

Target: Public (Actor) Administrador

Enviar comprobante via mail

UseCase in package 'Primary Use Cases'


Enviar comprobante via mail

Version 1.0 Phase 1.0 Proposed

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CONNECTORS

CONNECTORS

 **Include** «include» Source -> Destination
From: Enviar comprobante via mail : UseCase, Public
To: Comprar Tickets : UseCase, Public

Filtrar por fecha


UseCase in package 'Primary Use Cases'

Filtrar por fecha

Version 1.0 Phase 1.0 Proposed

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CONNECTORS

 **Extend** «extend» Source -> Destination
From: Filtrar por fecha : UseCase, Public
To: Consultar Shows : UseCase, Public

Filtrar por genero


UseCase in package 'Primary Use Cases'

Filtrar por genero

Version 1.0 Phase 1.0 Proposed

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CONNECTORS

 **Extend** «extend» Source -> Destination
From: Filtrar por genero : UseCase, Public
To: Consultar Shows : UseCase, Public

Login


UseCase in package 'Primary Use Cases'

Login


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CONNECTORS

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

CONNECTORS

 **Include** «include» Source -> Destination
 From: Consultar salas y tickets : UseCase, Public
 To: Login : UseCase, Public

 **Include** «include» Source -> Destination
 From: Modificar perfil : UseCase, Public
 To: Login : UseCase, Public

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (UseCase) Login

Target: Public (Actor) Usuario

Modificar estado


UseCase in package 'Primary Use Cases'


Modificar estado

Version 1.0 Phase 1.0 Proposed

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CONNECTORS

 **Include** «include» Source -> Destination
 From: Modificar estado : UseCase, Public
 To: ConsultarSalas : UseCase, Public

 **Include** «include» Source -> Destination
 From: Modificar estado : UseCase, Public
 To: Consultar Cines : UseCase, Public

Consultar ganancia


UseCase in package 'Secondary Use Cases'

Consultar ganancia


Version 1.0 Phase 1.0 Proposed

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CONNECTORS

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

CONNECTORS

 **Extend** «extend» Source -> Destination
From: Filtrar por fecha : UseCase, Public
To: Consultar ganancia : UseCase, Public

Consultar remanentes


UseCase in package 'Secondary Use Cases'

Consultar remanentes

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

CONNECTORS

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

Modificar perfil


UseCase in package 'Secondary Use Cases'

Modificar perfil

Version 1.0 Phase 1.0 Proposed

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CONNECTORS

 **Include** «include» Source -> Destination
From: Modificar perfil : UseCase, Public
To: Login : UseCase, Public

Ver trailer


UseCase in package 'Secondary Use Cases'

Ver trailer

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CONNECTORS

 **Extend** «extend» Source -> Destination
From: Ver trailer : UseCase, Public
To: Consultar Shows : UseCase, Public

Actors

Package in package 'Use Case Model'

Actors

Version 1.0 Phase 1.0 Proposed

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Actors diagram

Use Case diagram in package 'Actors'

Actors

Version 1.0

Pablo created on 22/11/2020. Last modified 22/11/2020

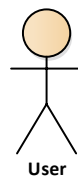


Figure 2: Actors

Actor1

Actor in package 'Actors'

Actor1

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Administrador

Actor in package 'Actors'

Administrador

Version 1.0 Phase 1.0 Proposed

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OUTGOING STRUCTURAL RELATIONSHIPS

← Generalization from Administrador to Usuario

[Direction is 'Source -> Destination'.]

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (UseCase) Consultar Funciones Vigentes

Target: Public (Actor) Administrador

 Association (direction: Unspecified)

Source: Public (UseCase) Actualizar peliculas

Target: Public (Actor) Administrador

 Association (direction: Unspecified)

Source: Public (UseCase) ConsultarSalas

Target: Public (Actor) Administrador

 Association (direction: Unspecified)

Source: Public (UseCase) Login Admin

Target: Public (Actor) Administrador

 Association (direction: Unspecified)

Source: Public (UseCase) Consultar Cines

Target: Public (Actor) Administrador

 Association (direction: Unspecified)

Source: Public (UseCase) Consultar estadísticas

Target: Public (Actor) Administrador

User

Actor in package 'Actors'

User

Version 1.0 Phase 1.0 Proposed

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Usuario

Actor in package 'Actors'

Usuario

Version 1.0 Phase 1.0 Proposed

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INCOMING STRUCTURAL RELATIONSHIPS

INCOMING STRUCTURAL RELATIONSHIPS

⇒ Generalization from Administrador to Usuario

[Direction is 'Source -> Destination'.]

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (UseCase) Registrar

Target: Public (Actor) Usuario

 Association (direction: Unspecified)

Source: Public (UseCase) Consultar via mail

Target: Public (Actor) Usuario

 Association (direction: Unspecified)

Source: Public (UseCase) Consultar Shows

Target: Public (Actor) Usuario

 Association (direction: Unspecified)

Source: Public (UseCase) Consultar Cinemas

Target: Public (Actor) Usuario

 Association (direction: Unspecified)

Source: Public (UseCase) Login

Target: Public (Actor) Usuario

Primary Use Cases



Package in package 'Use Case Model'

Primary Use Cases
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Actualizar películas

UseCase in package 'Primary Use Cases'



Actualizar películas
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ASSOCIATIONS	
 Association (direction: Unspecified)	
Source: Public (UseCase) Actualizar películas	Target: Public (Actor) Administrador
 Association (direction: Unspecified)	
Source: Public (Actor) API MovieDB	Target: Public (UseCase) Actualizar películas

Agregar Funciones

UseCase in package 'Primary Use Cases'

Agregar Funciones
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RESPONSIBILITIES (INTERNAL REQUIREMENTS)	
 Functional. Pre requisito : Caso de uso <Consultar funciones vigentes>	[Proposed, Medium difficulty.]
 Functional. Pre requisito : Login	[Proposed, Medium difficulty.]

SCENARIOS
 Basic Path. Basic Path <ol style="list-style-type: none"> 1. Administrativo selecciona boton "Agregar" en la vista correspondiente a <Consultar funciones vigentes> 2. Sistema ejecuta la vista para agregar una nueva funcion

SCENARIOS


3. Usuario ingresa datos a un formulario donde se solicita, Sala, Pelicula, Fecha y Horario
4. Sistema comprueba que la informacion ingresada sea correcta y pueda ser ingresada a la base de datos correspondiente

Alternate: 4a. Solicitud rechazada

 Alternate. Solicitud rechazada

1. Sistema rechaza la informacion solicitada por problemas de tipo <Fecha / Horario>
2. Usuario recibe la excepcion de rechazo y debera reingresar una nueva solicitud para agregar la funcion

CONNECTORS

 **Include** «include» Source -> Destination
 From: Agregar Funciones : UseCase, Public
 To: Consultar Funciones Vigentes : UseCase, Public

Agregar cine


UseCase in package 'Primary Use Cases'

Agregar cine

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CONNECTORS

 **Include** «include» Source -> Destination
 From: Agregar cine : UseCase, Public
 To: Consultar Cines : UseCase, Public

Agregar sala


UseCase in package 'Primary Use Cases'

Agregar sala

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CONNECTORS

 **Include** «include» Source -> Destination
 From: Agregar sala : UseCase, Public
 To: ConsultarSalas : UseCase, Public

Comprar Tickets

UseCase in package 'Primary Use Cases'

Comprar Tickets


Version 1.0 Phase 1.0 Proposed

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RESPONSIBILITIES (INTERNAL REQUIREMENTS) Functional. Prerequisitos previos


Realizar previamente los casos de uso de <Login> y <Consulta de salas y tickets>

[Proposed, Medium difficulty.]

SCENARIOS Basic Path. Exception

- Descripcion del caso de uso <Compra de Ticket>

1. Usuario completa el formulario para realizar la compra del ticket correspondiente
2. El sistema realiza la comprobacion de la informacion solicitada
Alternate: 2a. Alternativa <Mal ingreso>
3. El usuario selecciona la opcion "Pagar" para realizar el pago
4. El sistema ejecuta la conexion a la API Mercado Pago para comprobar y procesar el mismo
Alternate: 4a. Comprobacion Pago


 Alternate. Alternativa <Mal ingreso>


1. El Sistema comprueba que la informacion solicitada es incorrecta y redirige al usuario mediante una Excepcion
2. El usuario debe realizar la solicitud de formulario nuevamente para continuar con la compra


 Alternate. Comprobacion Pago

1. El sistema comprueba si la informacion de pago es correcta
2. Si la informacion registrada no permite la realizacion de la compra, se envia una excepcion hacia el lado del cliente
3. El cliente debera volver a realizar la solicitud de pago con otro metodo de pago.

CONNECTORS

 **Include** «include» Source -> Destination
 From: Comprar Tickets : UseCase, Public
 To: Consultar salas y tickets : UseCase, Public

 **Include** «include» Source -> Destination
 From: Comprobar pago : UseCase, Public
 To: Comprar Tickets : UseCase, Public

 **Include** «include» Source -> Destination
 From: Enviar comprobante via mail : UseCase, Public
 To: Comprar Tickets : UseCase, Public

Consultar Cinemas

UseCase in package 'Primary Use Cases'

Consultar Cinemas
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ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (UseCase) Consultar Cinemas


Target: Public (Actor) Usuario

Consultar Cines

UseCase in package 'Primary Use Cases'


Consultar Cines
Version 1.0 Phase 1.0 Proposed
Pablo created on 22/11/2020. Last modified 22/11/2020

CONNECTORS

 **Include** «include» Source -> Destination


From: Editar cine : UseCase, Public

To: Consultar Cines : UseCase, Public

 **Include** «include» Source -> Destination

From: Agregar cine : UseCase, Public

To: Consultar Cines : UseCase, Public

 **Include** «include» Source -> Destination

From: Modificar estado : UseCase, Public

To: Consultar Cines : UseCase, Public

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (UseCase) Consultar Cines

Target: Public (Actor) Administrador


Consultar Funciones Vigentes


UseCase in package 'Primary Use Cases'


Consultar Funciones Vigentes
Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

CONNECTORS

 **Extend** «extend» Source -> Destination
 From: Consultar funciones totales : UseCase, Public
 To: Consultar Funciones Vigentes : UseCase, Public

 **Include** «include» Source -> Destination
 From: Eliminar funcion : UseCase, Public
 To: Consultar Funciones Vigentes : UseCase, Public

 **Include** «include» Source -> Destination
 From: Agregar Funciones : UseCase, Public
 To: Consultar Funciones Vigentes : UseCase, Public

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (UseCase) Consultar Funciones Vigentes

Target: Public (Actor) Administrador

Consultar Shows


UseCase in package 'Primary Use Cases'


Consultar Shows


Version 1.0 Phase 1.0 Proposed


Pablo created on 22/11/2020. Last modified 22/11/2020

CONNECTORS

 **Extend** «extend» Source -> Destination
 From: Filtrar por genero : UseCase, Public
 To: Consultar Shows : UseCase, Public

 **Include** «include» Source -> Destination
 From: Consultar salas y tickets : UseCase, Public
 To: Consultar Shows : UseCase, Public

 **Extend** «extend» Source -> Destination
 From: Filtrar por fecha : UseCase, Public
 To: Consultar Shows : UseCase, Public

 **Extend** «extend» Source -> Destination
 From: Ver trailer : UseCase, Public
 To: Consultar Shows : UseCase, Public

ASSOCIATIONS

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (UseCase) Consultar Shows

Target: Public (Actor) Usuario

Consultar estadísticas


UseCase in package 'Primary Use Cases'


Consultar estadísticas

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

CONNECTORS

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

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

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (UseCase) Consultar estadísticas

Target: Public (Actor) Administrador

Consultar funciones totales


UseCase in package 'Primary Use Cases'

Consultar funciones totales

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

CONNECTORS

 **Extend** «extend» Source -> Destination
 From: Consultar funciones totales : UseCase, Public
 To: Consultar Funciones Vigentes : UseCase, Public

Consultar salas y tickets


UseCase in package 'Primary Use Cases'


Consultar salas y tickets


Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

CONNECTORS

 **Include** «include» Source -> Destination
 From: Consultar salas y tickets : UseCase, Public
 To: Consultar Shows : UseCase, Public

 **Include** «include» Source -> Destination
 From: Consultar salas y tickets : UseCase, Public
 To: Login : UseCase, Public

 **Include** «include» Source -> Destination
 From: Comprar Tickets : UseCase, Public
 To: Consultar salas y tickets : UseCase, Public

Consultar via mail*UseCase in package 'Primary Use Cases'*

Consultar via mail

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (UseCase) Consultar via mail

Target: Public (Actor) Usuario


ConsultarSalas*UseCase in package 'Primary Use Cases'*

ConsultarSalas


Version 1.0 Phase 1.0 Proposed


Pablo created on 22/11/2020. Last modified 22/11/2020

CONNECTORS

 **Include** «include» Source -> Destination
 From: Agregar sala : UseCase, Public
 To: ConsultarSalas : UseCase, Public

CONNECTORS

 **Include** «include» Source -> Destination
 From: Modificar estado : UseCase, Public
 To: ConsultarSalas : UseCase, Public

 **Include** «include» Source -> Destination
 From: Editar sala : UseCase, Public
 To: ConsultarSalas : UseCase, Public

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (UseCase) ConsultarSalas

Target: Public (Actor) Administrador

Enviar comprobante via mail


UseCase in package 'Primary Use Cases'

Enviar comprobante via mail

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

CONNECTORS

 **Include** «include» Source -> Destination
 From: Enviar comprobante via mail : UseCase, Public
 To: Comprar Tickets : UseCase, Public

Filtrar por fecha


UseCase in package 'Primary Use Cases'

Filtrar por fecha

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

CONNECTORS

 **Extend** «extend» Source -> Destination
 From: Filtrar por fecha : UseCase, Public
 To: Consultar Shows : UseCase, Public

Filtrar por genero


UseCase in package 'Primary Use Cases'

Filtrar por genero

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

CONNECTORS

 **Extend** «extend» Source -> Destination
 From: Filtrar por genero : UseCase, Public
 To: Consultar Shows : UseCase, Public


Login*UseCase in package 'Primary Use Cases'*


Login


Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

CONNECTORS

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

 **Include** «include» Source -> Destination
 From: Consultar salas y tickets : UseCase, Public
 To: Login : UseCase, Public

 **Include** «include» Source -> Destination
 From: Modificar perfil : UseCase, Public
 To: Login : UseCase, Public

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (UseCase) Login

Target: Public (Actor) Usuario

Modificar estado*UseCase in package 'Primary Use Cases'*


Modificar estado


Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

CONNECTORS

CONNECTORS

 **Include** «include» Source -> Destination
From: Modificar estado : UseCase, Public
To: ConsultarSalas : UseCase, Public

 **Include** «include» Source -> Destination
From: Modificar estado : UseCase, Public
To: Consultar Cines : UseCase, Public

Seleccionar funcion

UseCase in package 'Primary Use Cases'

Seleccionar funcion

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

Secondary Use Cases

Package in package 'Use Case Model'

Secondary Use Cases

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

Consultar ganancia


UseCase in package 'Secondary Use Cases'


Consultar ganancia

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

CONNECTORS

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

 **Extend** «extend» Source -> Destination
From: Filtrar por fecha : UseCase, Public
To: Consultar ganancia : UseCase, Public

Consultar remanentes


UseCase in package 'Secondary Use Cases'

Consultar remanentes

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

CONNECTORS

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

Modificar perfil

UseCase in package 'Secondary Use Cases'


Modificar perfil

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

CONNECTORS

CONNECTORS

 **Include** «include» Source -> Destination
 From: Modificar perfil : UseCase, Public
 To: Login : UseCase, Public

Ver trailer


UseCase in package 'Secondary Use Cases'

Ver trailer

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

CONNECTORS

 **Extend** «extend» Source -> Destination
 From: Ver trailer : UseCase, Public
 To: Consultar Shows : UseCase, Public

API MercadoPago

Actor in package 'Use Case Model'

API MercadoPago

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (Actor) API MercadoPago

Target: Public (UseCase) Comprobar pago

API MovieDB

Actor in package 'Use Case Model'

API MovieDB

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (Actor) API MovieDB

Target: Public (UseCase) Actualizar peliculas

Comprobar pago


UseCase in package 'Use Case Model'

Comprobar pago

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

CONNECTORS

 **Include** «include» Source -> Destination
From: Comprobar pago : UseCase, Public
To: Comprar Tickets : UseCase, Public

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (Actor) API MercadoPago

Target: Public (UseCase) Comprobar pago

Editar cine


UseCase in package 'Use Case Model'

Editar cine

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

CONNECTORS

 **Include** «include» Source -> Destination
From: Editar cine : UseCase, Public
To: Consultar Cines : UseCase, Public

Editar sala

UseCase in package 'Use Case Model'


Editar sala

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

CONNECTORS

CONNECTORS

 **Include** «include» Source -> Destination
From: Editar sala : UseCase, Public
To: ConsultarSalas : UseCase, Public

Eliminar funcion


UseCase in package 'Use Case Model'

Eliminar funcion

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

CONNECTORS

 **Include** «include» Source -> Destination
From: Eliminar funcion : UseCase, Public
To: Consultar Funciones Vigentes : UseCase, Public

Filtrar por fecha


UseCase in package 'Use Case Model'

Filtrar por fecha

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

CONNECTORS

 **Extend** «extend» Source -> Destination
From: Filtrar por fecha : UseCase, Public
To: Consultar ganancia : UseCase, Public

Login Admin

UseCase in package 'Use Case Model'

Login Admin

Version 1.0 Phase 1.0 Proposed

Pablo created on 23/11/2020. Last modified 23/11/2020

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (UseCase) Login Admin

Target: Public (Actor) Administrador

Registrar


UseCase in package 'Use Case Model'

Registrar

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

CONNECTORS

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

ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (UseCase) Registrar

Target: Public (Actor) Usuario

Domain Model

Package in package 'Model'

Domain Model

Version Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 23/11/2020

Domain Model diagram

Class diagram in package 'Domain Model'

Domain Model

Version 1.0

Pablo created on 22/11/2020. Last modified 23/11/2020

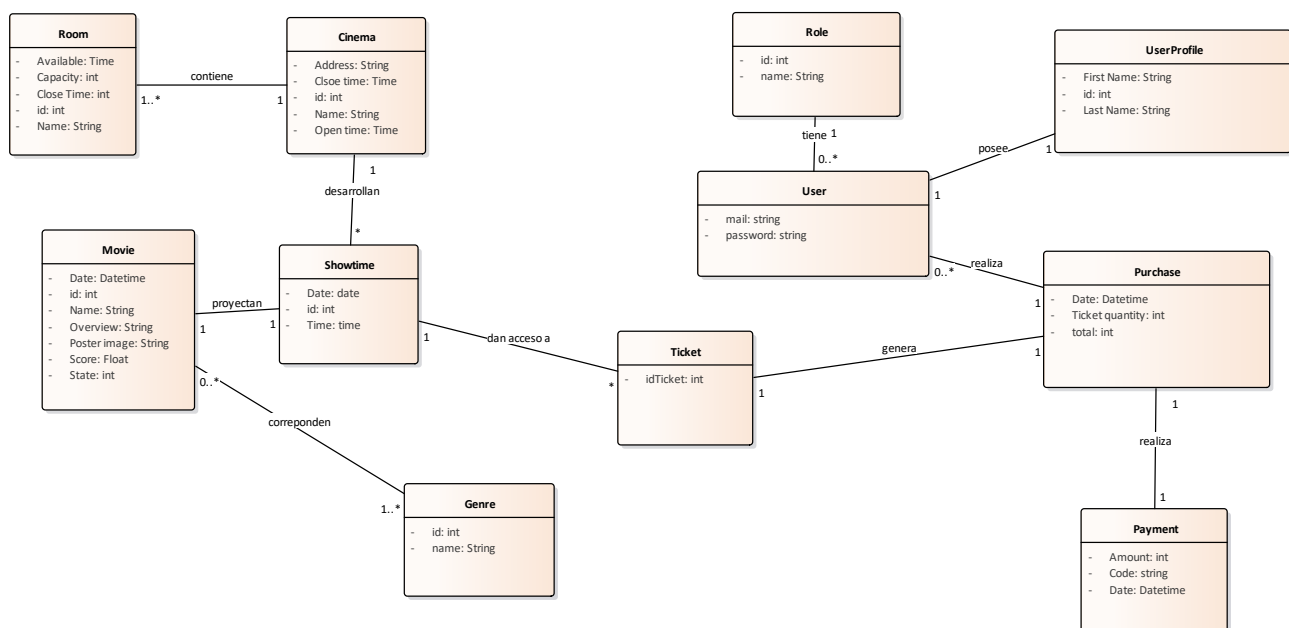


Figure 3: Domain Model

Domain Objects

Package in package 'Domain Model'

Domain Objects

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

Domain Objects diagram

Class diagram in package 'Domain Objects'

Domain Objects

Version 1.0

Pablo created on 22/11/2020. Last modified 22/11/2020

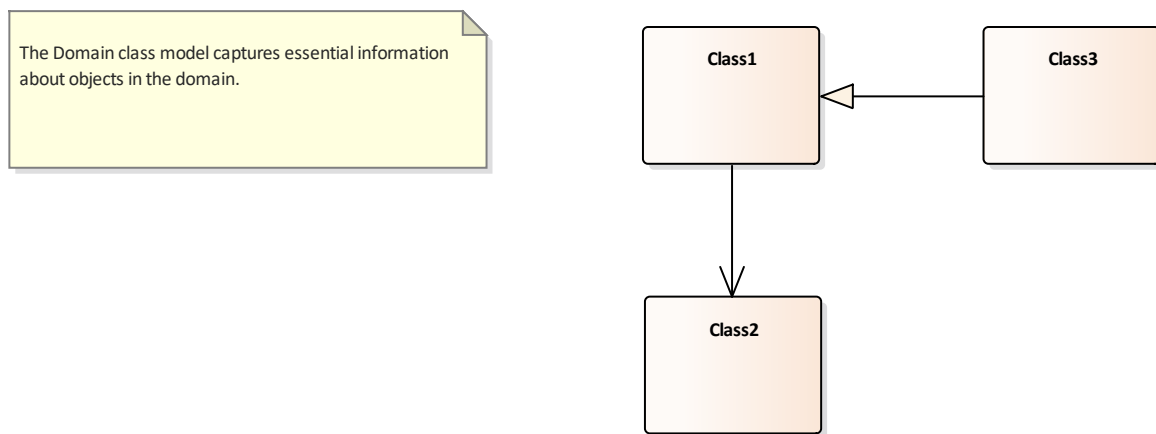


Figure 4: Domain Objects

Note

Note in package 'Domain Objects'

The Domain class model captures essential information about objects in the domain.

Note

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

Extends

Class1

Class in package 'Domain Objects'

Class1

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

INCOMING STRUCTURAL RELATIONSHIPS

⇒ Generalization from Class3 to Class1

[Direction is 'Source -> Destination'.]

ASSOCIATIONS

✍ Association (direction: Source -> Destination)

Source: Public (Class) Class1

Target: Public (Class) Class2

Class2

Class in package 'Domain Objects'

Class2

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

ASSOCIATIONS

 Association (direction: Source -> Destination)

Source: Public (Class) Class1

Target: Public (Class) Class2

Class3

Class in package 'Domain Objects'

Class3

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

Extends Class1

OUTGOING STRUCTURAL RELATIONSHIPS

 Generalization from Class3 to Class1

[Direction is 'Source -> Destination'.]

Class Model

Package in package 'Domain Model'

Class Model

Version Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

Class Model diagram

Class diagram in package 'Class Model'

Class Model

Version 1.0

Pablo created on 22/11/2020. Last modified 22/11/2020

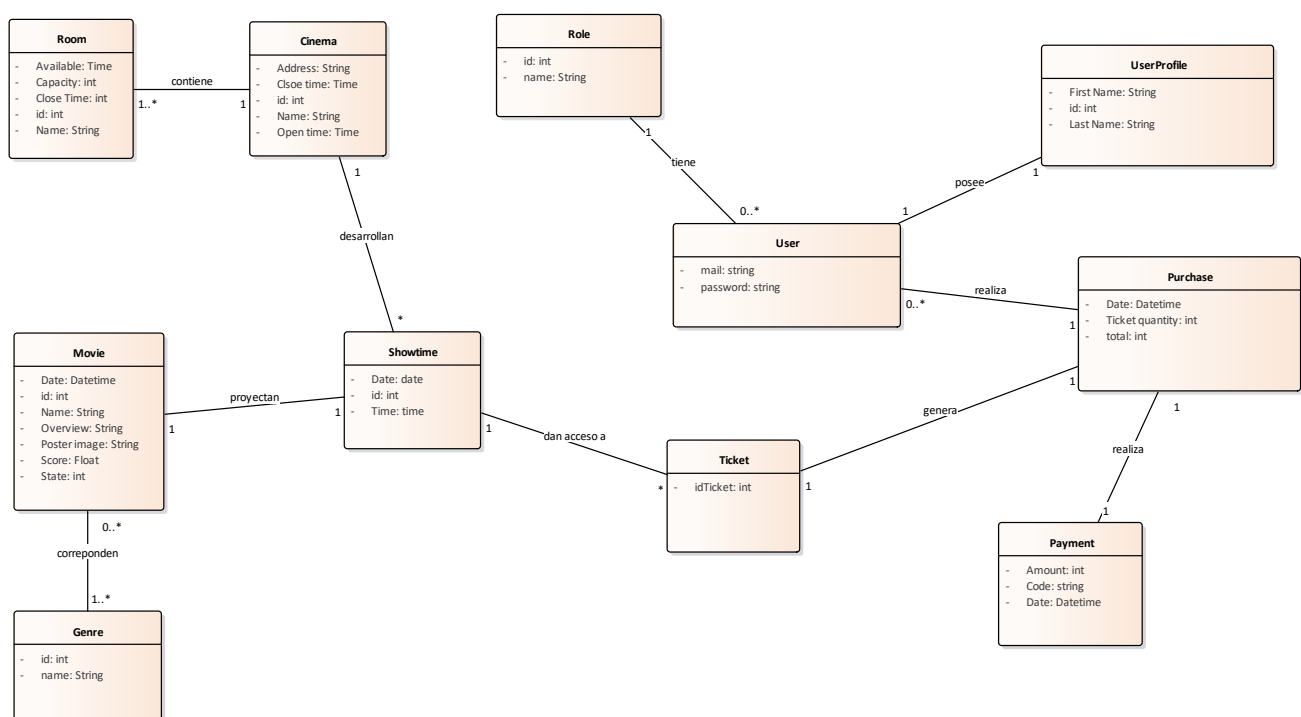


Figure 5: Class Model



Cinema




Class in package 'Domain Model'



Cinema

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 23/11/2020

ATTRIBUTES	
<div></div> Address : String Private	[Is static False. Containment is Not Specified.]
<div></div> Clsoe time : Time Private	[Is static False. Containment is Not Specified.]

ATTRIBUTES	
 id : int Private	[Is static False. Containment is Not Specified.]
 Name : String Private	[Is static False. Containment is Not Specified.]
 Open time : Time Private	[Is static False. Containment is Not Specified.]

ASSOCIATIONS	
 Association (direction: Unspecified) desarrollan	
Source: Public (Class) Showtime Cardinality: [*]	Target: Public (Class) Cinema Cardinality: [1]
 Association (direction: Unspecified) contiene	
Source: Public (Class) Room Cardinality: [1..*]	Target: Public (Class) Cinema Cardinality: [1]



Genre


Class in package 'Domain Model'

Genre

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 23/11/2020

ATTRIBUTES	
 id : int Private	[Is static False. Containment is Not Specified.]
 name : String Private	[Is static False. Containment is Not Specified.]

ASSOCIATIONS	
 Association (direction: Unspecified) corresponden tienen	
Source: Public (Class) Genre Cardinality: [1..*]	Target: Public (Class) Movie Cardinality: [0..*]

Movie

Class in package 'Domain Model'

Movie

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 23/11/2020

ATTRIBUTES	
◆ Date : Datetime Private	[Is static False. Containment is Not Specified.]
◆ id : int Private	[Is static False. Containment is Not Specified.]
◆ Name : String Private	[Is static False. Containment is Not Specified.]
◆ Overview : String Private	[Is static False. Containment is Not Specified.]
◆ Poster image : String Private	[Is static False. Containment is Not Specified.]
◆ Score : Float Private	[Is static False. Containment is Not Specified.]
◆ State : int Private	[Is static False. Containment is Not Specified.]

ASSOCIATIONS	
<p>✎ Association (direction: Unspecified) proyectan</p> <p>Source: Public (Class) Showtime Cardinality: [1]</p> <p>Target: Public (Class) Movie Cardinality: [1]</p>	
<p>✎ Association (direction: Unspecified) corresonden tienen</p> <p>Source: Public (Class) Genre Cardinality: [1..*]</p> <p>Target: Public (Class) Movie Cardinality: [0..*]</p>	

Payment

Class in package 'Domain Model'

Payment

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 23/11/2020

ATTRIBUTES	
◆ Amount : int Private	[Is static False. Containment is Not Specified.]
◆ Code : string Private	[Is static False. Containment is Not Specified.]
◆ Date : Datetime Private	[Is static False. Containment is Not Specified.]

ASSOCIATIONS	
<p>✎ Association (direction: Unspecified) realiza</p> <p>Source: Public (Class) Payment Cardinality: [1]</p> <p>Target: Public (Class) Purchase Cardinality: [1]</p>	

Purchase*Class in package 'Domain Model'*



Purchase

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 23/11/2020

ATTRIBUTES	
◆ Date : Datetime Private	[Is static False. Containment is Not Specified.]
◆ Ticket quantity : int Private	[Is static False. Containment is Not Specified.]
◆ total : int Private	[Is static False. Containment is Not Specified.]


ASSOCIATIONS	
<p>✎ Association (direction: Unspecified) genera</p> <p>Source: Public (Class) Purchase Cardinality: [1]</p> <p>Target: Public (Class) Ticket Cardinality: [1]</p>	


ASSOCIATIONS	
 Association (direction: Unspecified) realiza Source: Public (Class) Purchase Cardinality: [1]	Target: Public (Class) User Cardinality: [0..*]
 Association (direction: Unspecified) realiza Source: Public (Class) Payment Cardinality: [1]	Target: Public (Class) Purchase Cardinality: [1]

Role

Class in package 'Domain Model'

Role
Version 1.0 Phase 1.0 Proposed
Pablo created on 22/11/2020. Last modified 23/11/2020


ATTRIBUTES	
 id : int Private	[Is static False. Containment is Not Specified.]
 name : String Private	[Is static False. Containment is Not Specified.]

ASSOCIATIONS	
 Association (direction: Unspecified) tiene Source: Public (Class) User Cardinality: [0..*]	Target: Public (Class) Role Cardinality: [1]


Room

Class in package 'Domain Model'

Room
Version 1.0 Phase 1.0 Proposed
Pablo created on 22/11/2020. Last modified 23/11/2020

ATTRIBUTES	
 Available : Time Private	[Is static False. Containment is Not Specified.]

ATTRIBUTES	
 Capacity : int Private	[Is static False. Containment is Not Specified.]
 Close Time : int Private	[Is static False. Containment is Not Specified.]
 id : int Private	[Is static False. Containment is Not Specified.]
 Name : String Private	[Is static False. Containment is Not Specified.]

ASSOCIATIONS	
 Association (direction: Unspecified) contiene	
Source: Public (Class) Room Cardinality: [1..*]	Target: Public (Class) Cinema Cardinality: [1]




Showtime



Class in package 'Domain Model'


Showtime

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 23/11/2020

ATTRIBUTES	
 Date : date Private	[Is static False. Containment is Not Specified.]
 id : int Private	[Is static False. Containment is Not Specified.]
 Time : time Private	[Is static False. Containment is Not Specified.]

ASSOCIATIONS	
 Association (direction: Unspecified) proyectan	
Source: Public (Class) Showtime Cardinality: [1]	Target: Public (Class) Movie Cardinality: [1]
 Association (direction: Unspecified) desarrollan	

ASSOCIATIONS	
Source: Public (Class) Showtime Cardinality: [*]	Target: Public (Class) Cinema Cardinality: [1]
 Association (direction: Unspecified) dan acceso a	
Source: Public (Class) Ticket Cardinality: [*]	Target: Public (Class) Showtime Cardinality: [1]


Ticket



Class in package 'Domain Model'

Ticket

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

ATTRIBUTES	
 idTicket : int Private	[Is static False. Containment is Not Specified.]

ASSOCIATIONS	
 Association (direction: Unspecified) dan acceso a	
Source: Public (Class) Ticket Cardinality: [*]	Target: Public (Class) Showtime Cardinality: [1]
 Association (direction: Unspecified) genera	
Source: Public (Class) Purchase Cardinality: [1]	Target: Public (Class) Ticket Cardinality: [1]



User

Class in package 'Domain Model'




User

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 23/11/2020

ATTRIBUTES	
 mail : string Private	[Is static False. Containment is Not Specified.]
 password : string Private	




ATTRIBUTES
[Is static False. Containment is Not Specified.]


ASSOCIATIONS
 Association (direction: Unspecified) tiene Source: Public (Class) User Cardinality: [0..*] Target: Public (Class) Role Cardinality: [1]
 Association (direction: Unspecified) posee Source: Public (Class) User Cardinality: [1] Target: Public (Class) UserProfile Cardinality: [1]
 Association (direction: Unspecified) realiza Source: Public (Class) Purchase Cardinality: [1] Target: Public (Class) User Cardinality: [0..*]

UserProfile

Class in package 'Domain Model'

UserProfile
Version 1.0 Phase 1.0 Proposed
Pablo created on 22/11/2020. Last modified 23/11/2020

ATTRIBUTES
 First Name : String Private [Is static False. Containment is Not Specified.]
 id : int Private [Is static False. Containment is Not Specified.]
 Last Name : String Private [Is static False. Containment is Not Specified.]

ASSOCIATIONS
 Association (direction: Unspecified) posee Source: Public (Class) User Cardinality: [1] Target: Public (Class) UserProfile Cardinality: [1]

System

Package in package 'Class Model'

System
Version 1.0 Phase 1.0 Proposed
Pablo created on 22/11/2020. Last modified 22/11/2020

System diagram

Class diagram in package 'System'

System
Version 1.0
Pablo created on 22/11/2020. Last modified 22/11/2020

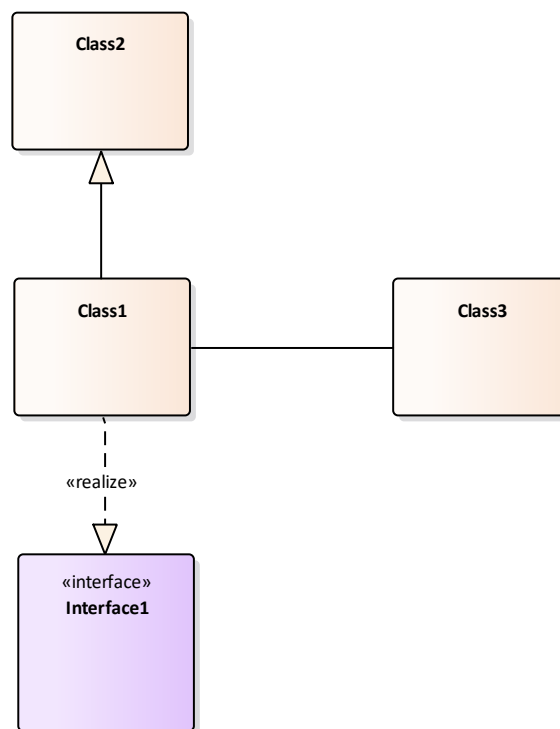


Figure 6: System


Class1

Class in package 'System'

Class1
Version 1.0 Phase 1.0 Proposed
Pablo created on 22/11/2020. Last modified 22/11/2020
Extends Class2

OUTGOING STRUCTURAL RELATIONSHIPS Generalization from Class1 to Class2

[Direction is 'Source -> Destination'.]

 Realization «realize» from Class1 to Interface1

[Direction is 'Source -> Destination'.]

ASSOCIATIONS Association (direction: Unspecified)

Source: Public (Class) Class1


Target: Public (Class) Class3

Class2*Class in package 'System'*

Class2

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

INCOMING STRUCTURAL RELATIONSHIPS Generalization from Class1 to Class2

[Direction is 'Source -> Destination'.]

Class3*Class in package 'System'*

Class3

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

ASSOCIATIONS Association (direction: Unspecified)

Source: Public (Class) Class1

Target: Public (Class) Class3

Interface1*Interface in package 'System'*

Interface1

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020**INCOMING STRUCTURAL RELATIONSHIPS**

⇒ Realization «realize» from Class1 to Interface1

[Direction is 'Source -> Destination'.]

Frameworks

Package in package 'Class Model'

Frameworks
Version 1.0 Phase 1.0 Proposed
Pablo created on 22/11/2020. Last modified 22/11/2020

Frameworks diagram

Class diagram in package 'Frameworks'

Frameworks
Version 1.0
Pablo created on 22/11/2020. Last modified 22/11/2020



Figure 7: Frameworks

Note

Note in package 'Frameworks'

Note
Version 1.0 Phase 1.0 Proposed
Pablo created on 22/11/2020. Last modified 22/11/2020
Extends

Class1

Class in package 'Class Model'

Class1
Version 1.0 Phase 1.0 Proposed
Pablo created on 22/11/2020. Last modified 22/11/2020

Rol

Class in package 'Class Model'

Rol
Version 1.0 Phase 1.0 Proposed
Pablo created on 22/11/2020. Last modified 22/11/2020

caracteriza

Association in package 'Class Model'

caracteriza

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

da acceso a

Association in package 'Class Model'

da acceso a

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

define

Association in package 'Class Model'

define

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

genera

Association in package 'Class Model'

genera

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

posee

Association in package 'Class Model'

posee

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

proyecta

Association in package 'Class Model'

proyecta

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

realiza

Association in package 'Class Model'

realiza

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

se desarrolla en

Association in package 'Class Model'

se desarrolla en

Version 1.0 Phase 1.0 Proposed

Pablo created on 22/11/2020. Last modified 22/11/2020

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Association in package 'Class Model'

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Cinema

Class in package 'Domain Model'

Cinema

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ATTRIBUTES	
 Address : String Private	[Is static False. Containment is Not Specified.]
 Clsoe time : Time Private	[Is static False. Containment is Not Specified.]
 id : int Private	[Is static False. Containment is Not Specified.]
 Name : String Private	[Is static False. Containment is Not Specified.]

ATTRIBUTES

◆ Open time : Time Private

[Is static False. Containment is Not Specified.]

ASSOCIATIONS

◆ Association (direction: Unspecified) desarrollan

Source: Public (Class) Showtime
Cardinality: [*]

Target: Public (Class) Cinema
Cardinality: [1]

◆ Association (direction: Unspecified) contiene

Source: Public (Class) Room
Cardinality: [1..*]

Target: Public (Class) Cinema
Cardinality: [1]

Genre

Class in package 'Domain Model'

Genre

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ATTRIBUTES

◆ id : int Private

[Is static False. Containment is Not Specified.]

◆ name : String Private

[Is static False. Containment is Not Specified.]

ASSOCIATIONS

◆ Association (direction: Unspecified) corresponden

tienen

Source: Public (Class) Genre
Cardinality: [1..*]

Target: Public (Class) Movie
Cardinality: [0..*]

Movie



Class in package 'Domain Model'

Movie

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ATTRIBUTES	
 Date : Datetime Private	[Is static False. Containment is Not Specified.]
 id : int Private	[Is static False. Containment is Not Specified.]
 Name : String Private	[Is static False. Containment is Not Specified.]
 Overview : String Private	[Is static False. Containment is Not Specified.]
 Poster image : String Private	[Is static False. Containment is Not Specified.]
 Score : Float Private	[Is static False. Containment is Not Specified.]
 State : int Private	[Is static False. Containment is Not Specified.]

ASSOCIATIONS	
 Association (direction: Unspecified) proyectan	
Source: Public (Class) Showtime Cardinality: [1]	Target: Public (Class) Movie Cardinality: [1]
 Association (direction: Unspecified) corresonden tienen	
Source: Public (Class) Genre Cardinality: [1..*]	Target: Public (Class) Movie Cardinality: [0..*]

Payment




Class in package 'Domain Model'


Payment

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ATTRIBUTES




ATTRIBUTES	
 Amount : int Private	[Is static False. Containment is Not Specified.]
 Code : string Private	[Is static False. Containment is Not Specified.]
 Date : Datetime Private	[Is static False. Containment is Not Specified.]



ASSOCIATIONS	
 Association (direction: Unspecified) realiza	
Source: Public (Class) Payment Cardinality: [1]	Target: Public (Class) Purchase Cardinality: [1]

Purchase

Class in package 'Domain Model'

Purchase
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ATTRIBUTES	
 Date : Datetime Private	[Is static False. Containment is Not Specified.]
 Ticket quantity : int Private	[Is static False. Containment is Not Specified.]
 total : int Private	[Is static False. Containment is Not Specified.]

ASSOCIATIONS	
 Association (direction: Unspecified) genera	
Source: Public (Class) Purchase Cardinality: [1]	Target: Public (Class) Ticket Cardinality: [1]
 Association (direction: Unspecified) realiza	
Source: Public (Class) Purchase Cardinality: [1]	Target: Public (Class) User Cardinality: [0..*]

ASSOCIATIONS
 Association (direction: Unspecified) realiza

 Source: Public (Class) Payment
 Cardinality: [1]

 Target: Public (Class) Purchase
 Cardinality: [1]


Role

Class in package 'Domain Model'

Role

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ATTRIBUTES
 id : int Private

[Is static False. Containment is Not Specified.]

 name : String Private

[Is static False. Containment is Not Specified.]

ASSOCIATIONS
 Association (direction: Unspecified) tiene

 Source: Public (Class) User
 Cardinality: [0..*]

 Target: Public (Class) Role
 Cardinality: [1]


Room

Class in package 'Domain Model'


Room

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ATTRIBUTES
 Available : Time Private



[Is static False. Containment is Not Specified.]


 Capacity : int Private

[Is static False. Containment is Not Specified.]

 Close Time : int Private

[Is static False. Containment is Not Specified.]

ATTRIBUTES	
 id : int Private	[Is static False. Containment is Not Specified.]
 Name : String Private	[Is static False. Containment is Not Specified.]

ASSOCIATIONS	
 Association (direction: Unspecified) contiene	
Source: Public (Class) Room Cardinality: [1..*]	Target: Public (Class) Cinema Cardinality: [1]

Showtime

Class in package 'Domain Model'

Showtime
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ATTRIBUTES	
 Date : date Private	[Is static False. Containment is Not Specified.]
 id : int Private	[Is static False. Containment is Not Specified.]
 Time : time Private	[Is static False. Containment is Not Specified.]

ASSOCIATIONS	
 Association (direction: Unspecified) proyectan	
Source: Public (Class) Showtime Cardinality: [1]	Target: Public (Class) Movie Cardinality: [1]
 Association (direction: Unspecified) desarrollan	
Source: Public (Class) Showtime Cardinality: [*]	Target: Public (Class) Cinema Cardinality: [1]
 Association (direction: Unspecified) dan acceso a	

ASSOCIATIONS

Source: Public (Class) Ticket
Cardinality: [*]

Target: Public (Class) Showtime
Cardinality: [1]

Ticket


Class in package 'Domain Model'

Ticket

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ATTRIBUTES

 idTicket : int Private

[Is static False. Containment is Not Specified.]

ASSOCIATIONS

 Association (direction: Unspecified) dan acceso a

Source: Public (Class) Ticket
Cardinality: [*]

Target: Public (Class) Showtime
Cardinality: [1]

 Association (direction: Unspecified) genera

Source: Public (Class) Purchase
Cardinality: [1]

Target: Public (Class) Ticket
Cardinality: [1]

User


Class in package 'Domain Model'

User


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ATTRIBUTES




 mail : string Private

[Is static False. Containment is Not Specified.]

 password : string Private

[Is static False. Containment is Not Specified.]

ASSOCIATIONS

ASSOCIATIONS	
 Association (direction: Unspecified) tiene Source: Public (Class) User Cardinality: [0..*] Target: Public (Class) Role Cardinality: [1]	
 Association (direction: Unspecified) posee Source: Public (Class) User Cardinality: [1] Target: Public (Class) UserProfile Cardinality: [1]	
 Association (direction: Unspecified) realiza Source: Public (Class) Purchase Cardinality: [1] Target: Public (Class) User Cardinality: [0..*]	


UserProfile


Class in package 'Domain Model'

UserProfile

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ATTRIBUTES	
 First Name : String Private [Is static False. Containment is Not Specified.]	
 id : int Private [Is static False. Containment is Not Specified.]	
 Last Name : String Private [Is static False. Containment is Not Specified.]	

ASSOCIATIONS	
 Association (direction: Unspecified) posee Source: Public (Class) User Cardinality: [1] Target: Public (Class) UserProfile Cardinality: [1]	