DP1 2020-2021

Requirements Document and System Analysis

Standby Project

https://github.com/gii-is-DP1/dp1-2020-gi-04

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GROUP GI-04

Version 1

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Changelog

Date	Version	Description	Sprint
30/10/2020	V1	Document creation	1
08/11/2020	V2	First sprint completed	1

General project description

The short films are the first productions that are usually made by those who want to dedicate themselves to the world of cinema, but at the same time they are ignored in the cultural field within the film industry. The best-known short films are those that win very important awards or are created by very important companies such as Disney. But what about that majority that does not win awards? They always fall into oblivion. Despite all this, almost all the great filmmakers of our time have started making short films and these have been vital in their rise to fame. Thus, the Standby project was born out of the need of both amateur and professional filmmakers who want to make themselves known and make their way in the world of cinema through short films, as well as the need to promote and disseminate the importance of short films within the industry.

For all these reasons, this project aims to provide an application that brings together short films from around the world, as well as serving as a stimulus for those who want to join the film industry. Standby will be an application that will allow filmmakers to share their short films. Thus, users will be able to watch, comment and evaluate these short films. In addition, companies will be able to filter them and access additional information that will allow them to contact the filmmakers for possible hiring.

User types / roles

Unregistered user: *users that visits our page without registering.*

User: *users interested in watching, reviewing and commenting them.*

Filmmaker: *content creators, they can upload short films and tag people in their projects or be tagged with a specific role.*

Company: *companies looking for filmmakers to hire.*

User stories

H1 - Register user account

As an unregistered user, **I want the system** to allow me to create a user account, **so that** I can enjoy all the functionality of a registered user.

H1+E1 – User registration

Since we are not authenticated in the system **when** we press the button to go to register **once** we enter the obligatory fields which are name, email and a password **after** pressing the button to finish this registration **then** we will have created my user and can have all the privileges that this entails.

H1-E1 – User registration only with the name field

Since we are not authenticated in the system **when** we press the button to go to register **once** we enter only our name **after** pressing the button to finish this registration **then** the application shows us the edition form again and tells us that the name, the email and the password fields are mandatory.

H2 - Register company account

As a company, **I want the system** to allow me to create a company account, **so that** I can enjoy all the functionality of a registered company.

H2+E1 – Company registration

Since we are not authenticated in the system **when** we press the button to go to register **once** we enter the obligatory fields which are name, email, password, tax ID number and the name of the company **after** pressing the button to finish this registration **then** we will have created my user and can have all the privileges that this entails.

H2-E1 – Company registration only with the name field

Since we are not authenticated in the system **when** we press the button to go to register **once** we enter only our email **after** pressing the button to finish this registration **then** the application shows us the edition form again and tells us that the name, email, password, tax ID number and the name of the company fields are mandatory.

H3 – User login

As a user or company, **I want the system** to allow me to log in the system, **so that** I can make use of my account.

H3+E1 – User/Company login

Since we are authenticated in the system **when** we press the button to go to the application login **once** we enter our username and password **after** pressing the button to finish the authentication **then** we enjoy the application with the privileges that the account gives me.

H3-E1 – User/Company login only with the username field

Since we are authenticated in the system **when** we press the button to go to the application login **once** we enter our username **after** pressing the button to finish the authentication **then** the application shows us that both the name and password fields are mandatory.

H4 – Account deletion

As a user or company, **I want the system** to allow me to delete my account and all the information related with me, **so that** I can preserve my privacy.

H4+E1 – User/Company account deletion

Since we are authenticated in the system **when** we press the button where is the option to delete the account **once** we select the option delete account **after** selecting accept **then** the account will have disappeared and the application will show a deleted profile message.

H5 - Upload short films

As a filmmaker, **I want the system** to allow me to upload short films, **so that** anyone can see them.

H5+E1 – Upload short films

Since we are authenticated in the system as filmmaker1 **when** we select the short film we want to upload **once** we indicate the name of the short film its duration and the roles of the people who have participated in it **after** pressing accept to finish the operation **then** the short film will have been successfully uploaded to our account.

H5-E1 – Upload short films only with the name of the short film field

Since we are authenticated in the system as filmmaker1 **when** I select the short film we want to upload **once** we indicate the name of the short film **after** pressing accept to finish the operation **then** the application shows us the editing form again and indicates that both the name of the short film and the duration fields are mandatory and that we have to added at least one role.

H6 - View short films

As a user or unregistered user, **I want the system** to allow me to view short films, **so that** I can enjoy the content.

H6+E1 – Viewing a short film without being registered

Since we are not authenticated in the system **when** we choose a user profile with short films uploaded **once** we select the short film we want to play **after** pressing the play button **then** the application plays the selected short film.

H7 - Role management

As a filmmaker, **I want the system** to allow me to manage the roles of the filmmakers involved in each short film **to** give them credit.

H7+E1 – Upload short films adding roles

Since we are authenticated in the system as filmmaker1 **when** we select the short film we want to upload **once** we indicate the name of the short film its duration and the roles of the people who have participated in it **after** pressing accept to finish the operation **then** the short film will have been successfully uploaded to our account.

H7+E2 – Adding roles to an uploaded short film

Since we are authenticated in the system as filmmaker1 **when** I select the short film we want to edit **once** we indicate the roles that we want to add **after** pressing accept to finish the operation **then** the short film will have been successfully updated to our account.

H8 - Comment and evaluate short films

As a user, **I want the system** to allow me to comment and evaluate the short films, **so that** I can share my opinion the short film.

H8+E1 – Add a comment being registered

Since we are authenticated in the system as filmmaker1 **when** we choose a user profile with short films uploaded **once** we select the short film we want to comment on **after** trying to add a new comment **then** the comment will appear with the rest of the comments of the short film.

H8+E2 – Add a score being registered

Since we are authenticated in the system as filmmaker1 **when** we choose a user profile with short films uploaded **once** we select the short film we want to score **after** trying to add the score **then** the score will be added to the rest of the short film's score.

H8-E1 – Add a comment without being registered

Since we are not authenticated in the system **when** we choose a user profile with short films uploaded **once** we select the short film we want to comment on **after** trying to add a new comment **then** the application will not allow the user to add that comment and a message will appear telling the user the need to register to perform that action.

H8-E2 – Add a score without being registered

Since we are not authenticated in the system **when** we choose a user profile with short films uploaded **once** we select the short film we want to score **after** trying to add the score **then** the application will not allow the user to add that score and a message will appear telling the user the need to register to perform that action.

H9 – Tag short films

As a filmmaker, **I want the system** to allow me to assign multiple tags to a short film, **so that** I can categorize its content.

H9+E1 – Tag short films with different and unique tags

Since we are tagging our short film **when** we are writing that tags related to the short film **once** we have finished to write all the tags **then** we will have post our tags on the short film so all the other user can find our short film filtering by those tags.

H9-E1 – Tag short films with different and unique tags

Since we are tagging our short film **when** we are writing that tags related to the short film **once** we have finished to write all the tags and there are repeated tags **then** the system will notify us that duplicated tags are not allowed and will recommend us to revise the tags.

H10 – See short film´s tags

As a user or unregistered user, **I want the system** to show all the tags assigned to a short film, **so that** I can be informed of what kind of content I am consuming.

H10+E1 – See short films tags as a register/unregister user

Since we are looking for a short film **when** we want to know what is the short film about **once** we clicked on the frame name as tags **then** the system will show us all the tags attached to that short film.

H11 - Request personal data of a filmmaker

As a company, **I want the system** to allow me to request personal data from a filmmaker, **so that** I can contact him for possible employment.

H11+E1 – Requesting personal data of a User as a company

Since we are a company looking for hiring a filmmaker **when** we want to contact one filmmaker in order to express our interest in him **once** we enter in his profile **after** sending the privacy request **then** user at issue receives the afore sent privacy request.

H11-E1 – Requesting personal data of a User for a second time

Since we are a company looking for hiring a filmmaker **when** we want to send another privacy request to the filmmaker in order to express the urgency of our hiring situation **once** we enter in his profile **after** going to the frame where the privacy request are sent **then** we will notice that the frame at issue is disabled for us as we already sent a privacy request.

H11-E2 – Requesting personal data of a user as a user

Since we are a user looking forward to contact a certain filmmaker **when** we want to contact one filmmaker in order to express our interest in him **once** we enter in his profile **after** going to the frame where privacy request are sent **then** we will notice that the frame at issue is disabled/missing.

H12 - Request response notification

As a company, **I want the system** to send me a notification when a filmmaker approves or denies my request to see their personal data, **so that** I can be aware of his/her response easily.

H12+E1 – Receiving the approval/denial privacy request notification

Since we are a company looking for hiring a filmmaker **when** we have already sent him the privacy request **once** we wait for him to response **after** he actually responds the privacy request **then** the company at issue will be notified by the system about the user´s approval or denial of the request.

H13 - Search short films filtering by filmmaker

As a user or unregistered user, **I want** to be able to look for the short films in which a certain actor/actress have participated, **so that I am** able to watch every film where the filmmaker have taken part in.

H13+E1 – Filtering short films by filmmaker

Since we are a user (registered or not) **when** we want to see a short film of a certain filmmaker **once** we put his account his account name in the browser **after** entering his/her profile and clicking in “short films” **then** the systems will lead us to all the short films in which this filmmaker has taken part in.

H13-E1 – Filtering short films by a filmmaker that doesn’t exist in the system

Since we are a user (registered or not) **when** we want to see a short film of a certain filmmaker **once** we put his account his account name in the browser **then** the systems will show us that the filmmaker we are looking for it is not registered in the system.

H14 - Search short films filtering by tags

As a user or unregistered user, **I want** to be able to look for short films by tags **to** make easier the search of a certain type of short film.

H14+E1 – Filtering short films by tags

Since we are a user (registered or not) **when** we want to see a short film of a certain topic **once** we put the tags of the topic in the browser **after** clicking the browse button **then** the systems will lead us to all the short films that have those tags attached.

H14-E1 – Filtering short films by non-existent tags

Since we are a user (registered or not) **when** we want to see a short film of a certain topic **once** we put the tags of the topic in the browser **after** clicking the browse button **then** the systems will show us that there aren't short films with those tags in the system.

H15 - Search short films filtering by trending

As a company, **I want** to be able to look for the most popular/best reviewed short films **to** look for talented filmmakers/actors.

H15+E1 – Filtering short films by popularity/rating

Since we are a user(registered or not)/company **when** we want to watch the most trending short film or the best rated one **once** we go to the browser **after** going to the frame of "trending" or "top-rated" **then** the systems will show us the most trending short films or the best rated ones (depending on the frame we clicked).

H16 - Search for profiles by name

As a user or unregistered user, **I would like the system** to allow me to search for profiles by name **to** find filmmakers that interest me.

H16+E1 – Filtering short films by account´s name

Since we are a user (registered or not) **when** we want to see a short film of a certain filmmaker **once** we type his account´s name in the browser **then** the systems will lead us to the user that has that unique account name.

H16+E2 – Filtering short films by user´s full name

Since we are a user (registered or not) **when** we want to see a short film of a certain filmmaker **once** we type his full name his account name in the browser **then** the systems will lead us to all the users that has that full name.

H16-E1 – Filtering short films by account´s/full name that doesn't exist

Since we are a user (registered or not) **when** we want to see a short film of a certain filmmaker **once** we type his account´s/full name in the browser **then** the systems will show us that there are no accounts with that account´s name/full name.

H17 - Short films in the filmmaker's profile

As a filmmaker **I want the system** to display all the short films where I have participated **in order to** keep control of all the short films in which I have appeared.

H17+E1 – List films as a filmmaker

Since we are a filmmaker, **when** we go to our profile **once** we press the profile button, **after** we enter the short films section **then** the system shall list every short film where we have participated in and our role in there.

H17-E1 – List films as a company

Since we are a company, **when** we go to our profile **once** we press the profile button, **after** we enter the short films section **then** the system shall give us an error because we are not able to display the short films we have participated in.

H18 - Disassociation of a participation

As a filmmaker **I want the system** to allow me to disassociate myself from a short film **to** eliminate my relationship with it.

H18+E1 – Disassociate from a film with a role

Since we are a filmmaker, **when** we want to be disassociated from a short film **once** we press the disassociate our role in the short film, **after** the request is completed **then** the role must disappear from the system and all the relationship between we and the short film must be deleted.

H18-E1 – Disassociate from a film without a role

Since we are a filmmaker, **when** we want to be disassociated from a short film **once** we press the disassociate our role in the short film, **after** the request is completed **then** the system shall give us an error because we don't have an active role in that short film.

H19 - Request personal data of a filmmaker with private information

As a company, **I would like the system** to allow me to request the personal data of a filmmaker with private information, **so that** I can contact him or her for possible employment.

H19+E1 – Request personal data as a company

Since we are a registered company, **when** I send a request to a filmmaker **once** I press the request button in the filmmakers' profile, **after** the request is sent **then** the filmmaker can accept or deny my request, if it is accepted the information should be now available to me.

H19-E1 – Request personal data as a user

Since we are a registered user **when** I send a request to a filmmaker **once** I press the request button in the filmmakers' profile **after** the button is disabled **then** the page must deny my request because I am not a company

H20 - User´s favourites

As a user, **I want** to be able to save my favourites short films, **so that** I can see I can access them easily.

H20+E1 – Register my favourite short film as a registered user

Since I am a registered user **when** I want to save a short film **once** I choose the short film I want to save **after** pressing the save button **then** the short film will be saved in my favourites tab.

H20-E1 – Register my favourite short film as an unregistered user

Since I am an unregistered user **when** I want to save a short film **once** I choose the short film I want to save **after** pressing the save button **then** the application will give us an error saying that we must register.

H21 - Subscription to filmmaker

As a user, **I want** to be able to subscribe to a filmmaker, **so that** I can see his/her newest activity.

H21+E1 – Subscribe to a filmmaker as a registered user

Since we are a registered user **when** I want to follow the activity of a filmmaker **once** I chose the filmmaker we want to follow **after** pressing the follow button in the filmmakers' profile **then** we will be following him and the new activities will appear in our feed.

H21-E1 – Subscribe to a filmmaker as an unregistered user

Since we are an unregistered user **when** I want to follow the activity of a filmmaker **once** I chose the filmmaker we want to follow **after** pressing the follow button in the filmmakers' profile **then** the application will give us an error saying that we must register.

H22 - Subscription notifications

As a user, **I want** to be able to receive a notification when a filmmaker who I am subscribed to makes activity, **so that** I can be up to date with the latest activity.

H22+E1 – A filmmaker I am subscribed to uploads a new short film

Since we are subscribed to a filmmaker **when** the filmmaker uploads a new short film **then** a new notification will appear in the notification bell.

H22-E1 – A filmmaker I am not subscribed to uploads a new short film

Since we are not subscribed to a filmmaker **when** a filmmaker uploads a new short film **then** we should not have any new notification.

H23 - Manage notifications

As a user, **I want** to be able to choose which types of activities I want to be notified of, **so that** I can decide which type of activity I care about.

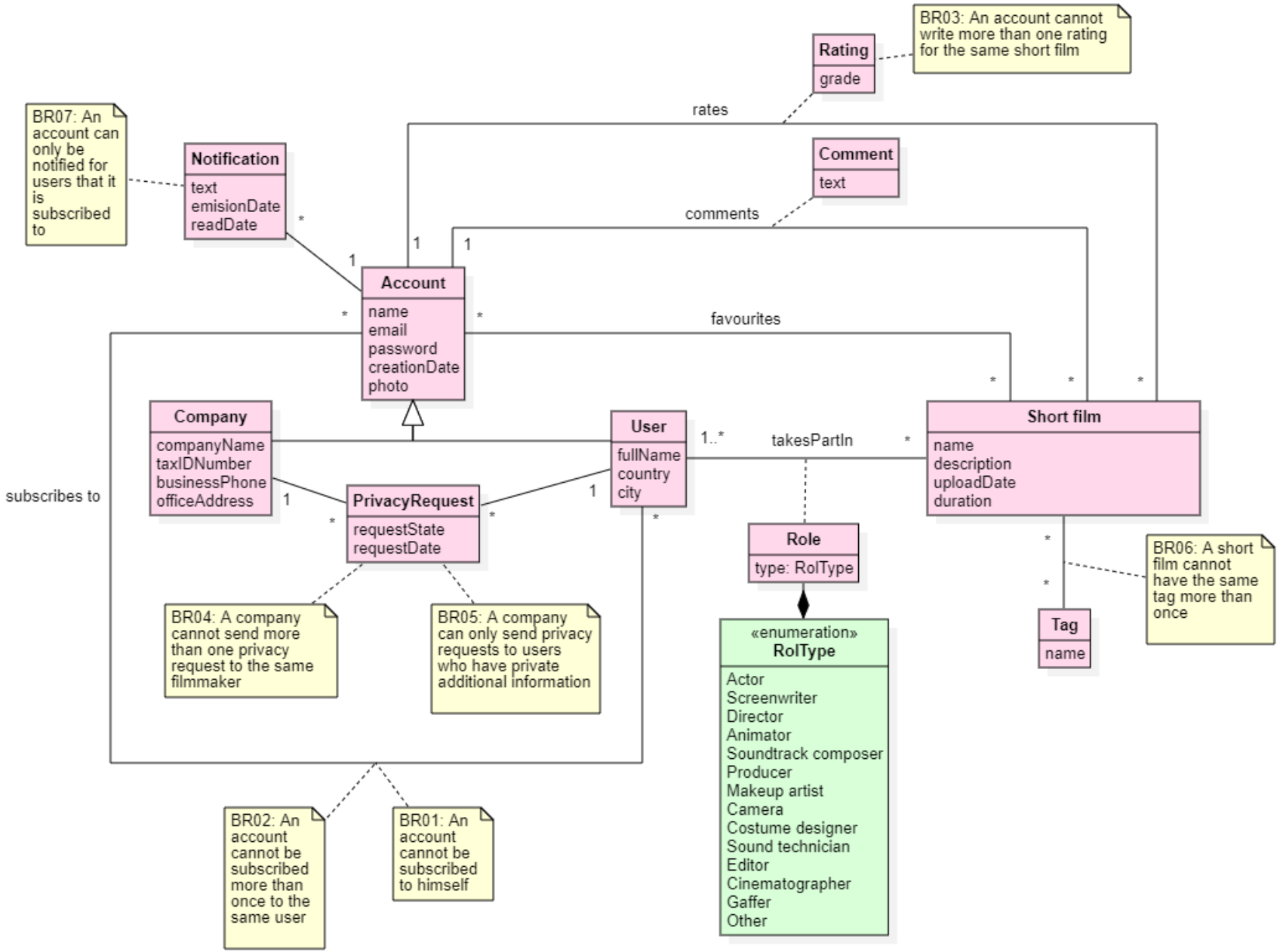
H23+E1 – Select to be notified only by messages

Since we are a registered user **when** I want to filter the notifications that I want to receive **once** I choose only the message **after** pressing the configuration button **then** the application will only notify us of messages

H23-E1 – Manage notifications as unregistered user

Since we are an unregistered user **when** I want to filter the notifications that I want to receive **then** the application will not show the configuration button

Data model


Rating
grade
BR03: An account cannot write more than one rating for the same short film
rates
BR07: An account can only be notified for users that it is subscribed to
Notification
text
emisionDate
readDate
Comment
text
comments
Account
name
email
password
creationDate
photo
favourites
Company
companyName
taxIDNumber
businessPhone
officeAddress
User
fullName
country
city
takesPartIn
Short film
name
description
uploadDate
duration
subscribes to
PrivacyRequest
requestState
requestDate
Role
type: RolType
«enumeration»
RolType
Actor
Screenwriter
Director
Animator
Soundtrack composer
Producer
Makeup artist
Camera
Costume designer
Sound technician
Editor
Cinematographer
Gaffer
Other
Tag
name
BR06: A short film cannot have the same tag more than once
BR04: A company cannot send more than one privacy request to the same filmmaker
BR05: A company can only send privacy requests to users who have private additional information
BR02: An account cannot be subscribed more than once to the same user
BR01: An account cannot be subscribed to himself

Business rules

R1 – Subscription to oneself
An account cannot be subscribed to himself. We allow to subscribe to other users so people can stay tuned with their latest news, but it makes no sense to subscribe to oneself.

R2 – Multiple subscriptions
An account cannot be subscribed more than once to the same user. A subscription allows you to receive notifications of the activity of a given user, but when you are already subscribed the only option you may have is to unsubscribe.

R3 – Multiple short film ratings
An account cannot write more than one rating for the same short film, because a rating is the conclusion you got from the short film. However, you are still allowed to change it whenever you want.

R4 – Multiple privacy requests
A company cannot send more than one privacy request to the same filmmaker. If there is an active privacy request, companies only have the option to desist from the request while they wait for the user to accept or decline it.

R5 – Privacy requests requirements
A company can only send privacy requests to users who have private additional information, because otherwise user's personal data will be public for all companies.

R6 – Same tag
A short film cannot have the same tag more than once, as a tag is a word or short phrase that gives information about the short film. Duplicating the tag does not give us more information.

R7 – Subscription notifications
An account can only be notified for users that it is subscribed to. This guarantees that a given user will not be bothered with notifications he does not care about.

Planning

Type	***Element***	***Assignment***	***Sprint***
Entity	*ShortFilm*	*Guillermo Diz* *Carmen María Muñoz*	*1*
Entity	*Account*	*George Laurentiu* *Francisco Rodríguez*	*2*
Entity	*Company*	*Guillermo Diz* *Carmen María Muñoz*	*2*
Entity	*User*	*George Laurentiu* *Francisco Rodríguez*	*2*
Entity	*PrivacyRequest*	*Guillermo Diz* *Carmen María Muñoz*	*2*
Entity	*Notification*	*George Laurentiu* *Francisco Rodríguez*	*2*
Entity	*Comment*	*Guillermo Diz* *Carmen María Muñoz*	*2*
Entity	*Rating*	*George Laurentiu* *Francisco Rodríguez*	*2*
Entity	*Tag*	*Guillermo Diz* *Carmen María Muñoz*	*2*

Metrics

Métrica	**Valor**
No. of entities (excluding actors)	*10*
Relations	*11*
N-to-N relations	*3*
Simple constraints	*39*
Business rules	*7*
Total user stories	*23*
User stories involving 2 or more entities	*16*
User stories involving 3 or more entities	*5*
Actors	*4*