

student

S2\_03\_Nivel\_2\_youtube@localhost:27017

Data Dictionary

03/11/2021
























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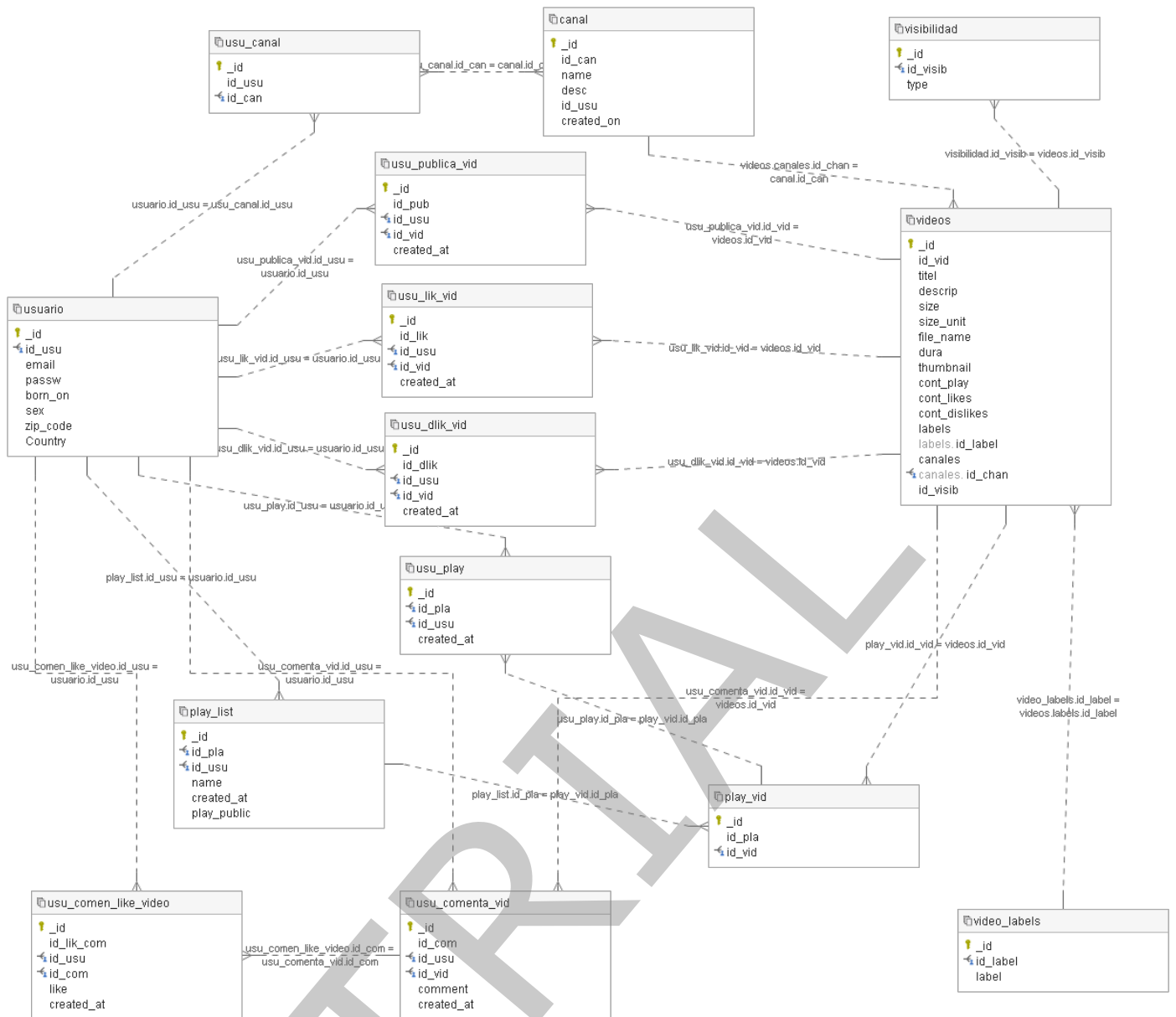
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## Legend

-  Primary key
-  Primary key disabled
-  User-defined primary key
-  Unique key
-  Unique key disabled
-  User-defined unique key
-  Active trigger
-  Disabled trigger
-  Many to one relation
-  User-defined many to one relation
-  One to many relation
-  User-defined one to many relation
-  Many to many relation
-  User-defined many to many relation
-  One to one relation
-  User-defined one to one relation
-  Input
-  Output
-  Input/Output
-  Uses dependency
-  User-defined uses dependency
-  Used by dependency
-  User-defined used by dependency

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# 1. New module





## 1.1. Tables

### 1.1.1. Collection: canal

#### Columns

Name		Data type	Description / Attributes
	 _id	Id	Nullable
	id_can	Int32	Nullable
	name	String	Nullable
	desc	String	Nullable
	id_usu	Int32	Nullable
	created_on	DateTime	Nullable

#### Linked from

Table	Join	Title / Name / Description
 usu_canal	<b>canal</b> id_can = usu_canalid_can	fk_canal_usu_canal
 videos	<b>canal</b> id_can = videos.canales.id_chan	fk_canal_videos








#### Unique keys

Columns	Name / Description
 _id	_id





### 1.1.2. Collection: play\_list

#### Columns

Name		Data type	Description / Attributes
	 _id	Id	Nullable
	id_pla	Int32	Nullable References: play_vid
	id_usu	Int32	Nullable References: usuario
	name	String	Nullable
	created_at	DateTime	Nullable
	play_public	Boolean	Nullable

#### Links to




Table	Join	Title / Name / Description
 play_vid	<b>play_list</b> id_pla = play_vidid_pla	fk_play_vid_play_list
 usuario	<b>play_list</b> id_usu = usuarioid_usu	fk_usuario_play_list

#### Unique keys


Columns	Name / Description
 _id	_id

### 1.1.3. Collection: play\_vid



#### Columns

Name		Data type	Description / Attributes
	_id	Id	Nullable
	id_pla	Int32	Nullable
	id_vid	Int32	Nullable References: videos

#### Links to

Table	Join	Title / Name / Description
 videos	play_vidid_vid = videosid_vid	fk_videos_play_vid

#### Linked from




Table	Join	Title / Name / Description
 play_list	play_vidid_pla = play_listid_pla	fk_play_vid_play_list
 usu_play	play_vidid_pla = usu_playid_pla	fk_play_vid_usu_play

#### Unique keys


Columns	Name / Description
 _id	_id

### 1.1.4. Collection: usu\_canal

#### Columns

Name		Data type	Description / Attributes
	<b>_id</b>	Id	<b>Nullable</b>
	id_usu	Int32	<b>Nullable</b>
	id_can	Int32	<b>Nullable</b> <b>References:</b> canal

#### Links to

Table	Join	Title / Name / Description
 canal	<b>usu_canal</b> id_can = canalid_can	fk_canal_usu_canal

#### Linked from








Table	Join	Title / Name / Description
 usuario	<b>usu_canal</b> id_usu = usuarioid_usu	fk_usu_canal_usuario

#### Unique keys



Columns	Name / Description
 _id	_id

### 1.1.5. Collection: usu\_comen\_like\_video

#### Columns

Name		Data type	Description / Attributes
	 _id	Id	Nullable
	id_lik_com	Int32	Nullable
	id_usu	Int32	Nullable References: usuario
	id_com	Int32	Nullable References: usu_comenta_vid
	like	Boolean	Nullable
	created_at	DateTime	Nullable

#### Links to







Table		Join	Title / Name / Description
	usu_comenta_vid	<b>usu_comen_like_video</b> id_com = usu_comenta_vidid_com	fk_usu_comenta_vid_usu_comen_like_video
	usuario	<b>usu_comen_like_video</b> id_usu = usuarioid_usu	fk_usuario_usu_comen_like_video

#### Unique keys



Columns		Name / Description
	_id	_id

### 1.1.6. Collection: usu\_comenta\_vid

#### Columns

Name		Data type	Description / Attributes
	_id	Id	Nullable
	id_com	Int32	Nullable
	id_usu	Int32	Nullable References: usuario
	id_vid	Int32	Nullable References: videos
	comment	String	Nullable
	created_at	DateTime	Nullable


#### Links to

Table	Join	Title / Name / Description
 usuario	<b>usu_comenta_vid</b> id_usu = usuarioid_usu	fk_usuario_usu_comenta_vid
 videos	<b>usu_comenta_vid</b> id_vid = videosid_vid	fk_videos_usu_comenta_vid

#### Linked from







Table	Join	Title / Name / Description
 usu_comen_like_video	<b>usu_comenta_vid</b> id_com = usu_comen_like_videoid_com	fk_usu_comenta_vid_usu_comen_like_video

#### Unique keys



Columns	Name / Description
 _id	_id

### 1.1.7. Collection: usu\_dlik\_vid

#### Columns

Name		Data type	Description / Attributes
	 _id	Id	Nullable
	id_dlik	Int32	Nullable
	id_usu	Int32	Nullable References: usuario
	id_vid	Int32	Nullable References: videos
	created_at	DateTime	Nullable

#### Links to







Table	Join	Title / Name / Description
 usuario	usu_dlik_vidid_usu = usuarioid_usu	fk_usuario_usu_dlik_vid
 videos	usu_dlik_vidid_vid = videosid_vid	fk_videos_usu_dlik_vid

#### Unique keys



Columns	Name / Description
 _id	_id

### 1.1.8. Collection: usu\_lik\_vid

#### Columns

Name		Data type	Description / Attributes
	 _id	Id	Nullable
	id_lik	Int32	Nullable
	id_usu	Int32	Nullable References: usuario
	id_vid	Int32	Nullable References: videos
	created_at	DateTime	Nullable

#### Links to





Table	Join	Title / Name / Description
 usuario	<b>usu_lik_vid</b> id_usu = usuarioid_usu	fk_usuario_usu_lik_vid
 videos	<b>usu_lik_vid</b> id_vid = videoid_vid	fk_videos_usu_lik_vid

#### Unique keys



Columns	Name / Description
 _id	_id

### 1.1.9. Collection: usu\_play

#### Columns

Name		Data type	Description / Attributes
	_id	Id	Nullable
	id_pla	Int32	Nullable References: play_vid
	id_usu	Int32	Nullable References: usuario
	created_at	DateTime	Nullable

#### Links to

Table	Join	Title / Name / Description
 play_vid	<b>usu_play</b> id_pla = play_vidid_pla	fk_play_vid_usu_play
 usuario	<b>usu_play</b> id_usu = usuarioid_usu	fk_usuario_usu_play







#### Unique keys

Columns	Name / Description
 _id	_id





### 1.1.10. Collection: usu\_publica\_vid

#### Columns

Name		Data type	Description / Attributes
	 _id	Id	Nullable
	id_pub	Int32	Nullable
	id_usu	Int32	Nullable References: usuario
	id_vid	Int32	Nullable References: videos
	created_at	DateTime	Nullable

#### Links to









Table	Join	Title / Name / Description
 usuario	usu_publica_vidid_usu = usuarioid_usu	fk_usuario_usu_publica_vid
 videos	usu_publica_vidid_vid = videosid_vid	fk_videos_usu_publica_vid

#### Unique keys

Columns	Name / Description
 _id	_id

### 1.1.11. Collection: usuario








#### Columns

	Name	Data type	Description / Attributes
	_id	Id	Nullable
	id_usu	Int32	Nullable References: usu_canal
	email	String	Nullable
	passw	String	Nullable
	born_on	DateTime	Nullable
	sex	String	Nullable
	zip_code	String	Nullable
	Country	String	Nullable


#### Links to

Table	Join	Title / Name / Description
 usu_canal	<b>usuario</b> id_usu = usu_canalid_usu	fk_usu_canal_usuario

#### Linked from




Table	Join	Title / Name / Description
 play_list	<b>usuario</b> id_usu = play_listid_usu	fk_usuario_play_list
 usu_comen_like_video	<b>usuario</b> id_usu = usu_comen_like_videoid_usu	fk_usuario_usu_comen_like_video
 usu_comenta_vid	<b>usuario</b> id_usu = usu_comenta_vidid_usu	fk_usuario_usu_comenta_vid
 usu_dlik_vid	<b>usuario</b> id_usu = usu_dlik_vidid_usu	fk_usuario_usu_dlik_vid
 usu_lik_vid	<b>usuario</b> id_usu = usu_lik_vidid_usu	fk_usuario_usu_lik_vid
 usu_play	<b>usuario</b> id_usu = usu_playid_usu	fk_usuario_usu_play
 usu_publica_vid	<b>usuario</b> id_usu = usu_publica_vidid_usu	fk_usuario_usu_publica_vid

#### Unique keys


Columns	Name / Description
 _id	_id

### 1.1.12. Collection: video\_labels


#### Columns

Name		Data type	Description / Attributes
	_id	Id	Nullable
	id_label	Int32	Nullable References: videos
	label	String	Nullable

#### Links to















Table	Join	Title / Name / Description
 videos	<b>video_labels</b> id_label = videos.labels.id_label	fk_videos_video_labels

#### Unique keys


Columns	Name / Description
 _id	_id

### 1.1.13. Collection: videos

#### Columns

Name		Data type	Description / Attributes
	 _id	Id	Nullable
	id_vid	Int32	Nullable
	titel	String	Nullable
	descrip	String	Nullable
	size	Double	Nullable
	size_unit	String	Nullable
	file_name	String	Nullable
	dura	Int32	Nullable
	thumbnail	String	Nullable
	cont_play	Int32	Nullable
	cont_likes	Int32	Nullable
	cont_dislikes	Int32	Nullable
	labels	Document[]	Nullable
	labels.id_label	Int32	Nullable
	canales	Document[]	Nullable
	canales.id_chan	Int32	Nullable References: canal
	id_visib	Int32	Nullable


#### Links to

Table	Join	Title / Name / Description
 canal	<b>videos</b> canales.id_chan = canalid_can	fk_canal_videos

#### Linked from





Table	Join	Title / Name / Description
 play_vid	<b>videos</b> id_vid = play_vidid_vid	fk_videos_play_vid
 usu_comenta_vid	<b>videos</b> id_vid = usu_comenta_vidid_vid	fk_videos_usu_comenta_vid
 usu_dlik_vid	<b>videos</b> id_vid = usu_dlik_vidid_vid	fk_videos_usu_dlik_vid
 usu_lik_vid	<b>videos</b> id_vid = usu_lik_vidid_vid	fk_videos_usu_lik_vid
 usu_publica_vid	<b>videos</b> id_vid = usu_publica_vidid_vid	fk_videos_usu_publica_vid
 video_labels	<b>videos</b> labels.id_label = video_labelsid_label	fk_videos_video_labels
 visibilidad	<b>videos</b> id_visib = visibilidadid_visib	fk_videos_visibilidad

#### Unique keys

Columns	Name / Description
 _id	_id

### 1.1.14. Collection: visibilidad


#### Columns

Name		Data type	Description / Attributes
	 _id	Id	Nullable
	id_visib	Int32	Nullable References: videos
	type	String	Nullable

#### Links to

Table	Join	Title / Name / Description
 videos	<b>visibilidad</b> id_visib = videosid_visib	fk_videos_visibilidad

#### Unique keys

Columns	Name / Description
 _id	_id

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