Users

- name: users
- description: users is a table that contains all the users of the system. It is saved in the RDS database.

Name	Type	Content	Default
id	BigInt	primary key	
username	String	username	
password	String	hash password	
created_at	Datetime	created at	
updated_at	Datetime	updated at	

- indexes:
  - id: unique

Videos

- name: videos
- description: videos is a table that contains all the videos of the system. It is saved in the RDS database.

Name	Type	Content	Default
id	BigInt	primary key	
user_id	BigInt	user's id	
video_url	String	video's url is saved in S3, cloudfront	
status	Int	can view without login or not, 1:public, 0:private	
created_at	Datetime	created at	
updated_at	Datetime	updated at	

Views

- name: views
- description: views is a table that contains all the views of the system. It is saved in the RDS database.

Name	Type	Content	Default
id	BigInt	primary key	
video_id	BigInt	video's id	

Name	Type	Content	Default
viewer_id	BigInt	viewer's id	
count	BigInt	view's count	0
created_at	Datetime	created at	
updated_at	Datetime	updated at	

- indexes:

    - id: unique
    - video_id

- indexes:

    - id: unique

Likes

- name: likes
- description: likes is a table that contains all the likes of the system. It is saved in the RDS database.

Name	Type	Content	Default
id	BigInt	primary key	
comment_id	BigInt	comment's Id	
user_id	BigInt	user's id	
created_at	Datetime	created at	
updated_at	Datetime	updated at	

- indexes:
    - id: unique
    - comment_id, user_id: unique

Comments

Base Table

- name: comments
- description: comments is a table that contains all the comments of the system. It is saved in the Dynamodb

Name	Type	Content	Default
pk	String	partition key, video_id	

Name	Type	Content	Default
sk	String	sort key, config#id: comment, reply#parent_id#id: reply info	
content	String	content of comment	
id	BigInt	unique id	
user_id	BigInt	user's id	
level	Int	level of comment	
liked_cnt	BigInt	liked count	
created_at	Datetime	created at	
updated_at	Datetime	updated at	

GSI CreatedAt Table

- name: CreatedAtGSI

Field	Type
created_at	Partition key
pk	Sort Key
content	
user_id	
level	
liked_cnt	
id	

- Uses Case
  - Fetch comments sort by created at

GSI LikedCnt Table

- name: LikedCntGSI

Field	Type
liked_cnt	Partition key
pk	Sort Key
content	
user_id	
level	

Field	Type
created_at	
id	

- Uses Case
  - Fetch comments sort by liked count