



## Layout

### Table Comments

* Pk	comment_id	int
*	owner	varchar(255)
*	comment_text	text
	parent_comment_id	int

#### Indexes

Pk	pk_comments	comment_id
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#### Foreign Keys

fk_Comments	Comments ( parent_comment_id )	ref Comments ( comment_id )
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### Table Comments\_Posts

*	post_id	int
*	comment_id	int

#### Foreign Keys

fk_Comments_Posts	Posts ( post_id )	ref Posts ( post_id )
fk_Comments_Posts	Comments ( comment_id )	ref Comments ( comment_id )

### Table Followers

* Pk	follower_id	int
	username	varchar(255)

#### Indexes

Pk	pk_followers	follower_id
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### Table Followings

* Pk	follower_id	int
*	username	varchar(255)

#### Indexes

Pk	pk_followings	follower_id
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### Table Likes

* Pk	like_id	int
*	liked_by	varchar(255)

#### Indexes

Pk	pk_likes	like_id
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### Table Likes\_Posts

*	post_id	int
*	like_id	int

#### Foreign Keys

fk_Likes_Posts	Posts ( post_id )	ref Posts ( post_id )
fk_Likes_Posts	Likes ( like_id )	ref Likes ( like_id )

### Table Locations

* Pk	location_id	int
*	city	varchar(255)
*	state	varchar(255)

#### Indexes

Pk	pk_locations	location_id
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## Table Locations\_Posts

*	post_id	int
*	location_id	int

### Foreign Keys

fk\_Locations\_Posts Locations ( location\_id ) ref Locations ( location\_id )  
fk\_Locations\_Posts Posts ( post\_id ) ref Posts ( post\_id )

## Table Posts

* Pk	post_id	int
*	owner	varchar(255)
*	post_date	datetime
	caption	text
*	comments_count	int
*	likes_count	int
*	display_url	varchar(255)
*	is_video	boolean
	video_view_count	int
	video_url	varchar(255)
*	has_audio	boolean
	video_pay_count	int
	video_duration	int
*	status	boolean

### Indexes

Pk	pk_posts	post_id
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### Foreign Keys

fk\_Posts Profiles ( owner ) ref Profiles ( username )

## Table Profiles

* Pk	username	varchar(255)
	profile_pic_url	varchar(255)
*	profile_pic	blob
*	full_name	varchar(255)
	bio	varchar(255)
*	num_followers	int
*	num_following	int
*	media_count	int
*	is_business	boolean
	website_url	varchar(255)
*	followed_by_user	boolean
*	is_following	boolean
*	is_blocked	boolean
*	is_verified	boolean
*	is_private	boolean

### Indexes

Pk	pk_profiles	username
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## Table Profiles\_Followers

*	username	varchar(255)
*	follower_id	int

### Foreign Keys

fk\_Profiles\_Followers Profiles ( username ) ref Profiles ( username )  
fk\_Profiles\_Followers Followers ( follower\_id ) ref Followers ( follower\_id )

Table Profiles\_Followings

*	username	varchar(255)
*	following_id	int

Foreign Keys

fk_Profiles_Followings	Profiles ( username )	ref	Profiles ( username )
fk_Profiles_Followings	Followings ( following_id )	ref	Followings ( follower_id )