users
id	binary(16) NN
tel_contact	varchar NN
email_address	varchar
username	varchar(30)
mode	user_mode E
bio	varchar(255)
verified	bool NN
has_profile_photo	bool NN
last_seen	timestamp NN
updated_at	timestamp NN
created_at	timestamp NN

verifications
id	binary(16) NN
user_id	binary(16) NN
secret_code	integer(6) NN
created_at	timestamp NN

profile_photo
id	binary(16) NN
created_at	timestamp NN
updated_at	timestamp NN
name	varchar(255) NN
url	varchar(255) NN
user_id	binary(16) NN

auto_responses
id	binary(16) NN
trigger	varchar(255) NN
response	text NN
user_id	binary(16) NN

article_bookmarks
id	binary(16) NN
created_at	timestamp NN
article_id	binary(16) NN
user_id	binary(16) NN

chats
id	binary(16) NN
title	varchar NN
last_message	text
type	chat_type E NN
created_at	timestamp NN
updated_at	timestamp NN
created_by	binary(16) NN

chat_participants
id	binary(16) NN
created_at	timestamp NN
role	participant_role E NN
user_id	binary(16) NN
chat_id	binary(16) NN

messages
id	binary(16) NN
created_at	timestamp NN
updated_at	timestamp NN
content	text NN
sender	binary(16) NN
receiver	binary(16) NN
format	message_format E NN
type	message_type E NN
scheduled	bool NN
visibility	message_visibility E NN
visibility_set	binary(16)
status	message_status E NN
reply_to	reply_target E NN
target_id	binary(16)

message_recalls
id	binary(16) NN
message_id	binary(16) NN
recall_at	timestamp

message_media
id	binary(16) NN
created_at	timestamp NN
name	varchar(255) NN
url	varchar(255) NN
type	message_media_type E NN
message_id	binary(16) NN

read_receipts
id	binary(16) NN
message_id	binary(16)
user_id	binary(16)
created_at	timestamp NN
deliver_time	timestamp NN
read_time	timestamp

message_visibility_sets
id	binary(16) NN
created_at	timestamp
updated_at	timestamp
name	varchar(255)

message_visibility_set_members
id	binary(16) NN
created_at	timestamp NN
user_id	binary(16) NN
set_id	binary(16) NN

message_schedules
id	binary(16) NN
dispatch_at	timestamp NN
frequency	interval E NN
interval_value	smallint NN
message_id	binary(16) NN

articles
id	binary(16) NN
title	varchar(255) NN
status	article_status E NN
content	text NN
url	varchar(255) NN
created_at	timestamp NN
updated_at	timestamp NN
published_at	timestamp
category	varchar9(25) NN
author	binary(16) NN
visibility	article_visibility E NN
visibility_set	binary(16)

article_visibility_sets
id	binary(16) NN
created_at	timestamp NN
updated_at	timestamp NN
name	varchar(255) NN

article_tags
id	binary(16) NN
value	varchar(15)
article	binary(16) NN

article_interactions
id	binary(16) NN
type	article_interaction E NN
created_at	timestamp NN
value	varchar(255) NN
article_id	binary(16) NN
user_id	binary(16) NN

article_views
id	binary(16) NN
created_at	timestamp NN
user_id	binary(16) NN
article_id	binary(16) NN

article_visibility_set_members
id	binary(16) NN
created_at	timestamp NN
user_id	binary(16) NN
set_id	binary(16) NN

calls
id	binary(16) NN
type	call_type E NN
ended_at	timestamp
started_at	timestamp NN
status	call_status E NN
talk_time	integer
caller	binary(16) NN
callee	binary(16) NN

call_participants
id	binary(16) NN
call_id	binary(16) NN
user_id	binary(16) NN
join_time	timestamp NN
leave_time	timestamp
role	call_participant_role E NN

status_schedules
id	binary(16) NN
dispatch_at	timestamp NN
frequency	interval E
interval_value	smallint
status_id	binary(16) NN

status_media
id	binary(16) NN
created_at	timestamp NN
name	varchar(255) NN
url	varchar(255) NN
type	message_media_type E
status_id	binary(16) NN

status_updates
id	binary(16) NN
created_at	timestamp NN
expires_at	timestamp NN
format	status_format E NN
content	varchar(255) NN
visibility	status_visibility E NN
visibility_set	binary(16) NN
expiry_time	timestamp NN

status_replies
id	binary(16) NN
user_id	binary(16) NN
chat_id	binary(16) NN
status_id	binary(16) NN
content	text NN
created_at	timestamp

status_visibility_set_members
id	binary(16) NN
created_at	timestamp NN
user_id	binary(16) NN
set_id	binary(16) NN

status_visibility_set
id	binary(16) NN
created_at	timestamp NN
updated_at	timestamp NN
name	varchar(255) NN

status_views
id	binary(16) NN
created_at	timestamp NN
user_id	bianry(16) NN
status_id	binary(16) NN

users

column	type	
id	binary(16)	NN
tel_contact	varchar	NN
email_address	varchar	
username	varchar(30)	
mode	user_mode	E
bio	varchar(255)	
verified	bool	NN
has_profile_photo	bool	NN
last_seen	timestamp	NN
updated_at	timestamp	NN
created_at	timestamp	NN

chats

column	type	
id	binary(16)	NN
title	varchar	NN
last_message	text	
type	chat_type	E NN
created_at	timestamp	NN
updated_at	timestamp	NN
created_by	binary(16)	NN

chat_participants

column	type	
id	binary(16)	NN
created_at	timestamp	NN
role	participant_role	E NN
user_id	binary(16)	NN
chat_id	binary(16)	NN

verifications

column	type	
id	binary(16)	NN
user_id	binary(16)	NN
secret_code	integer(6)	NN
created_at	timestamp	NN

profile_photo

column	type	
id	binary(16)	NN
created_at	timestamp	NN
updated_at	timestamp	NN
name	varchar(255)	NN
url	varchar(255)	NN
user_id	binary(16)	NN

auto_responses

column	type	
id	binary(16)	NN
trigger	varchar(255)	NN
response	text	NN
user_id	binary(16)	NN

messages

column	type	
id	binary(16)	NN
created_at	timestamp	NN
updated_at	timestamp	NN
content	text	NN
sender	binary(16)	NN
receiver	binary(16)	NN
format	message_format	E NN
type	message_type	E NN
scheduled	bool	NN
visibility	message_visibility	E NN
visibility_set	binary(16)	
status	message_status	E NN
reply_to	reply_target	E NN
target_id	binary(16)	

message_recalls

column	type	
id	binary(16)	NN
message_id	binary(16)	NN
recall_at	timestamp	

article_bookmarks

column	type	
id	binary(16)	NN
created_at	timestamp	NN
article_id	binary(16)	NN
user_id	binary(16)	NN

message_media

column	type	
id	binary(16)	NN
created_at	timestamp	NN
name	varchar(255)	NN
url	varchar(255)	NN
type	message_media_type	E NN
message_id	binary(16)	NN

read_receipts

column	type	
id	binary(16)	NN
message_id	binary(16)	
user_id	binary(16)	
created_at	timestamp	NN
deliver_time	timestamp	NN
read_time	timestamp	

message_visibility_sets

column	type	
id	binary(16)	NN
created_at	timestamp	
updated_at	timestamp	
name	varchar(255)	

message_visibility_set_members

column	type	
id	binary(16)	NN
created_at	timestamp	NN
user_id	binary(16)	NN
set_id	binary(16)	NN

message_schedules

column	type	
id	binary(16)	NN
dispatch_at	timestamp	NN
frequency	interval	E NN
interval_value	smallint	NN
message_id	binary(16)	NN

articles

column	type	
id	binary(16)	NN
title	varchar(255)	NN
status	article_status	E NN
content	text	NN
created_at	timestamp	NN
updated_at	timestamp	NN
published_at	timestamp	
category	varchar9(25)	NN
author	binary(16)	NN
visibility	article_visibility	E NN
visibility_set	binary(16)	

article_visibility_sets

column	type	
id	binary(16)	NN
created_at	timestamp	NN
updated_at	timestamp	NN
name	varchar(255)	NN

article_tags

column	type	
id	binary(16)	NN
value	varchar(15)	NN
article	binary(16)	NN

article_interactions

column	type	
id	binary(16)	NN
type	article_interaction	E NN
created_at	timestamp	NN
value	varchar(255)	NN
article_id	binary(16)	NN
user_id	binary(16)	NN

article_views

column	type	
id	binary(16)	NN
created_at	timestamp	NN
user_id	binary(16)	NN
article_id	binary(16)	NN

article_visibility_set_members

column	type	
id	binary(16)	NN
created_at	timestamp	NN
user_id	binary(16)	NN
set_id	binary(16)	NN

calls

column	type	
id	binary(16)	NN
type	call_type	E NN
ended_at	timestamp	
started_at	timestamp	NN
status	call_status	E NN
talk_time	integer	
caller	binary(16)	NN
callee	binary(16)	NN

call_participants

column	type	
id	binary(16)	NN
call_id	binary(16)	NN
user_id	binary(16)	NN
join_time	timestamp	NN
leave_time	timestamp	
role	call_participant_role	E NN

status_updates

column	type	
id	binary(16)	NN
created_at	timestamp	NN
expires_at	timestamp	NN
format	status_format	E NN
content	varchar(255)	NN
visibility	status_visibility	E NN
visibility_set	binary(16)	NN
expiry_time	timestamp	NN

status_replies

column	type	
id	binary(16)	NN
user_id	binary(16)	
chat_id	binary(16)	
status_id	binary(16)	
content	text	NN
created_at	timestamp	

status_schedules

column	type	
id	binary(16)	NN
dispatch_at	timestamp	NN
frequency	interval	E
interval_value	smallint	
status_id	binary(16)	NN

status_media

column	type	
id	binary(16)	NN
created_at	timestamp	NN
name	varchar(255)	NN
url	varchar(255)	NN
type	message_media_type	E NN
status_id	binary(16)	NN

status_visbility_set_members

column	type	
id	binary(16)	NN
created_at	timestamp	NN
user_id	binary(16)	NN
set_id	binary(16)	NN

status_visbility_set

column	type	
id	binary(16)	NN
created_at	timestamp	NN
updated_at	timestamp	NN
name	varchar(255)	NN

status_views

column	type	
id	binary(16)	NN
created_at	timestamp	NN
user_id	bianry(16)	NN
status_id	binary(16)	NN

```
Enum user_mode {
    casual
    stealth
}


Enum chat_type {
    private
    group
    ghost
}


Enum participant_role {
    member
    admin
    super_admin
}


Enum message_type {
    media
    text
    attachment
}


Enum message_format {
    view_once
    ordinary
    recallable
}
```

```
Enum message_status {
    sent
    delivered
    read
}


Enum interval {
    none
    hourly
    daily
    weekly
    monthly
    yearly
}


Enum message_visibility {
    all
    selected
    except_selected
}


Enum article_status {
    draft
    published
    archived
}
```

```
Enum article_visibility {
    all
    contacts
    selected
    except_selected
}


Enum article_interaction {
    reaction
    comment
    bookmark
}


Enum message_media_type {
    document
    video
    photo
    audio
}


Enum call_type {
    video
    voice
}
```

```
Enum call_status {
    missed
    ended
    calling
    ringing
    ongoing
    rejected
}


Enum call_participant_role {
    initator
    moderator
    ordinary
    speaker
}


Enum status_format {
    link
    text
    attachment
    media
}


Enum status_visibility {
    contacts
    selected
    except_selected
}
```

```
Enum reply_target {
    none
    status
    message
}
```