chat_participants

Column	Type	
participant_id 🔑	INT	
user_id	INT	NN
chat_id	INT	NN
role	chat_participants_role_enum	E
joined_at	DATETIME	
left_at	DATETIME	
is_muted	BOOLEAN	

chats

Column	Type	
chat_id 🔑	INT	
title	VARCHAR(100)	
description	TEXT	
avatar_url	VARCHAR(255)	
type	chats_type_enum E	NN
is_public	BOOLEAN	
owner_id	INT	
settings	JSON	
created_at	TIMESTAMP	
updated_at	TIMESTAMP	

users

Column	Type	
user_id 🔑	INT	
username	VARCHAR(50)	NN
email	VARCHAR(100)	NN
password_hash	TEXT	NN
avatar_url	VARCHAR(255)	
status	users_status_enum	E
last_seen	DATETIME	
created_at	TIMESTAMP	
updated_at	TIMESTAMP	

asset_tokens

Column	Type	
token_id 🔑	CHAR(36)	
asset_url	VARCHAR(255)	NN
expires_at	DATETIME	NN
created_at	DATETIME	

encryption_keys

Column	Type	
key_id 🔑	INT	
user_id	INT	NN
public_key	TEXT	NN
private_key_encrypted	TEXT	NN
fingerprint	VARCHAR(64)	NN
created_at	DATETIME	

refresh_tokens

Column	Type	
token_id 🔑	CHAR(36)	
user_id	INT	NN
token	TEXT	NN
expires_at	DATETIME	NN
revoked	BOOLEAN	
created_at	DATETIME	

messages

Column	Type	
message_id 🔑	INT	
text	TEXT	
attachment_url	VARCHAR(255)	
attachment_type	VARCHAR(50)	
metadata	JSON	
is_edited	BOOLEAN	
is_deleted	BOOLEAN	
reply_to_id	INT	
reactions	JSON	
delivered_to	JSON	
read_by	JSON	
chat_id	INT	NN
user_id	INT	NN
created_at	DATETIME	
updated_at	DATETIME	

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chat_participants

participant_id 🔑		INT
user_id	INT	NN
chat_id	INT	NN
role	chat_participants_role_enum	E
joined_at		DATETIME
left_at		DATETIME
is_muted		BOOLEAN

chats

chat_id 🔑		INT
title		VARCHAR(100)
description		TEXT
avatar_url		VARCHAR(255)
type	chats_type_enum	E NN
is_public		BOOLEAN
owner_id		INT
settings		JSON
created_at		TIMESTAMP
updated_at		TIMESTAMP

asset_tokens

token_id 🔑		CHAR(36)
asset_url	VARCHAR(255)	NN
expires_at	DATETIME	NN
created_at		DATETIME

users

user_id 🔑		INT
username	VARCHAR(50)	NN
email	VARCHAR(100)	NN
password_hash	TEXT	NN
avatar_url		VARCHAR(255)
status	users_status_enum	E
last_seen		DATETIME
created_at		TIMESTAMP
updated_at		TIMESTAMP

messages

message_id 🔑		INT
text		TEXT
attachment_url		VARCHAR(255)
attachment_type		VARCHAR(50)
metadata		JSON
is_edited		BOOLEAN
is_deleted		BOOLEAN
reply_to_id		INT
reactions		JSON
delivered_to		JSON
read_by		JSON
chat_id	INT	NN
user_id	INT	NN
created_at		DATETIME
updated_at		DATETIME

encryption_keys

key_id 🔑		INT
user_id	INT	NN
public_key	TEXT	NN
private_key_encrypted	TEXT	NN
fingerprint	VARCHAR(64)	NN
created_at		DATETIME

refresh_tokens

token_id 🔑		CHAR(36)
user_id	INT	NN
token	TEXT	NN
expires_at	DATETIME	NN
revoked		BOOLEAN
created_at		DATETIME

```
Enum users_status_enum {
    online
    offline
    away
}


Enum chats_type_enum {
    PRIVATE
    GROUP
    CHANNEL
}


Enum chat_participants_role_enum {
    OWNER
    ADMIN
    MEMBER
}
```