Introduction :- Need to build Tweets API that gives most recent 100 tweets for a user with paging

Assumption:-

1. we will show Tweets entered by logged in user and for logged in user as well
2. User is already logged in system and authorized to access Tweets API
3. Tweets API authentication done via oauth 2.0 in API Gateway

DataBase Design

We will design 2 Tables

1. User table contains user id and Username, created date and updated date
2. Tweets table comments tweetId, tweet (comment), From User Id, To User Id, Created Date and updated date.
3. From user id and To user id of tweets table mapped with user id column of user table

Solution Design

Tweets API Design

API

GATE

WAY

Data**Base**

Repository

layer

Service Layer

User / client Application

controller

layer