

TALBES DESCRIPTIONS

Table Name: “authToken”

Table Description: A table used to store authToken objects used for session management.

Partition Keys: username

Sort Keys: None

Other Fields: A map called info which has this structure and keeps track of authToken id’s and the active status:

```
▼ info Map {2}
  id String : 0b116150-684c-4b22-9f8e-478d3ee4b112
  isActive Boolean : true
```

Table Name: “follows”

Table Description: A table used to store information about which users follow other users.

Partition Keys: follower_handle

Sort Keys: followee_handle

Other Fields: A map called info which stores the full name of the users associated with the follower_handle and followee_handle.

```
▼ info Map {2}
  followee_name String : Allison Monney
  follower_name String : Holly West
```

Table Name: “status”

Table Description: A table used to store all of the statuses of every user.

Partition Keys: username

Sort Keys: timePosted

Other Fields: A map called info which stores necessary status like mentions (string that records all of the mentions), tweetText, and urls (string that tracks the urls):

```
▼ info Map {3}
  mentions String : @Dad
  tweetText String : We are the new power couple @Dad https://www.
                    bostonherald.com/wp-content/uploads/2019/09/p
                    atsnl037.jpg
  urls String : https://www.bostonherald.com/wp-content/uploads/20
                19/09/patsnl037.jpg
```

Table Name: “user”

Table Description: A table used to store all registered users.

Partition Keys: alias

Sort Keys: None

Other Fields: A map called info which stores necessary user information like first name, last name, a hashed password, and the image url from S3:

```
▼ info Map {4}
  firstName String : Allison
  imageUrl String : https://340tweeter.s3-us-west-2.amazonaws.com/%40AllisonImage
  lastName String : Monney
  password String : $2a$10$Kso5VBHEVsNslQuA53wdo.UzbfSVbxWUiDEmphi
  yONfC/rUPj33Ti
```

UML SEQUENCE DIAGRAM

