	CHAR] = $\{a,, z\} \cup \{A,, Z\} \cup \{0,, 9\}$
	Id
	X: №
ſ	Timestamp
	X: №
	User
ſ	ID: Id
	Name: N ⊆ CHAR
	Password: P ⊆ CHAR
	Name > 0
[USER_ID] = Id / Id ∈ { User }	
L	
-	Tweet
	ID: Id
	Text: CHAR
	Authorld: Id / Id ∈ USER_ID At: Timestamp
ŀ	
	Text > 0 Text ≤ 280
L	
-	UserFollows
	From: Id / Id ∈ USER_ID
	To: F ⊆ USER_ID
_	UserTimelineCache

```
NewTweet
```

 \Rightarrow out! = accepted

```
Δ Tweet
authorId?: Id
authorPassword?: K ⊆ CHAR
text?: T ⊆ CHAR
out!: stdOut

{authorId, authorPassword} ∉ User ⇒ out! = error
newTweet = {ID: Id / Id.X = max(TWEET_ID) + 1, text, authorId?, At: now()}
Tweet' = Tweet ∪ { newTweet }
UserTimelineCache' = UserTimelineCache ∪ { newTweet }
| UserTimelineCache' | ≤ 5 ⇒ out! = accepted
UserTimelineCache' = UserTimelineCache - B / B =
min(UserTimelineCache.At)
```