Tuiter UML Diagram

FollowingScreen — 1 — contains — 1 — **FollowersScreen**

It is assumed that the profile screen contains all the details of the user such as name, posts etc.

ProfileScreen

is removed from

Follow and Unfollow can be done by user which affects the foloing screen of the user. It also affects the followers screen of another user

add to

UnfollowUser

Bookmark

Search

Message — recieves — **Inbox**

has an

from other

FollowUser

It is assumed that the user must sign up and login in order to access the contents of the website

can

Search2User — for — **Search2Tuit** — for — **Search2Hashtag** — for

for

has a

removes

add

can

must

User — Posts — 0..* — **Tuit**
Deletes — 0..*
Edits — 0..*

posts

deletes

Login — must

SignUp

posts

removes

Like

Reply — is a

contains

FeedScreen

The home page of the user that conatins all tuits and options to post tuits etc.

Tuit2HashTag — contains — **Hashtag**

for

has

contains

Tuit Stats

TuitStats is assumed to contain details about tuit likes and replies with the count and details
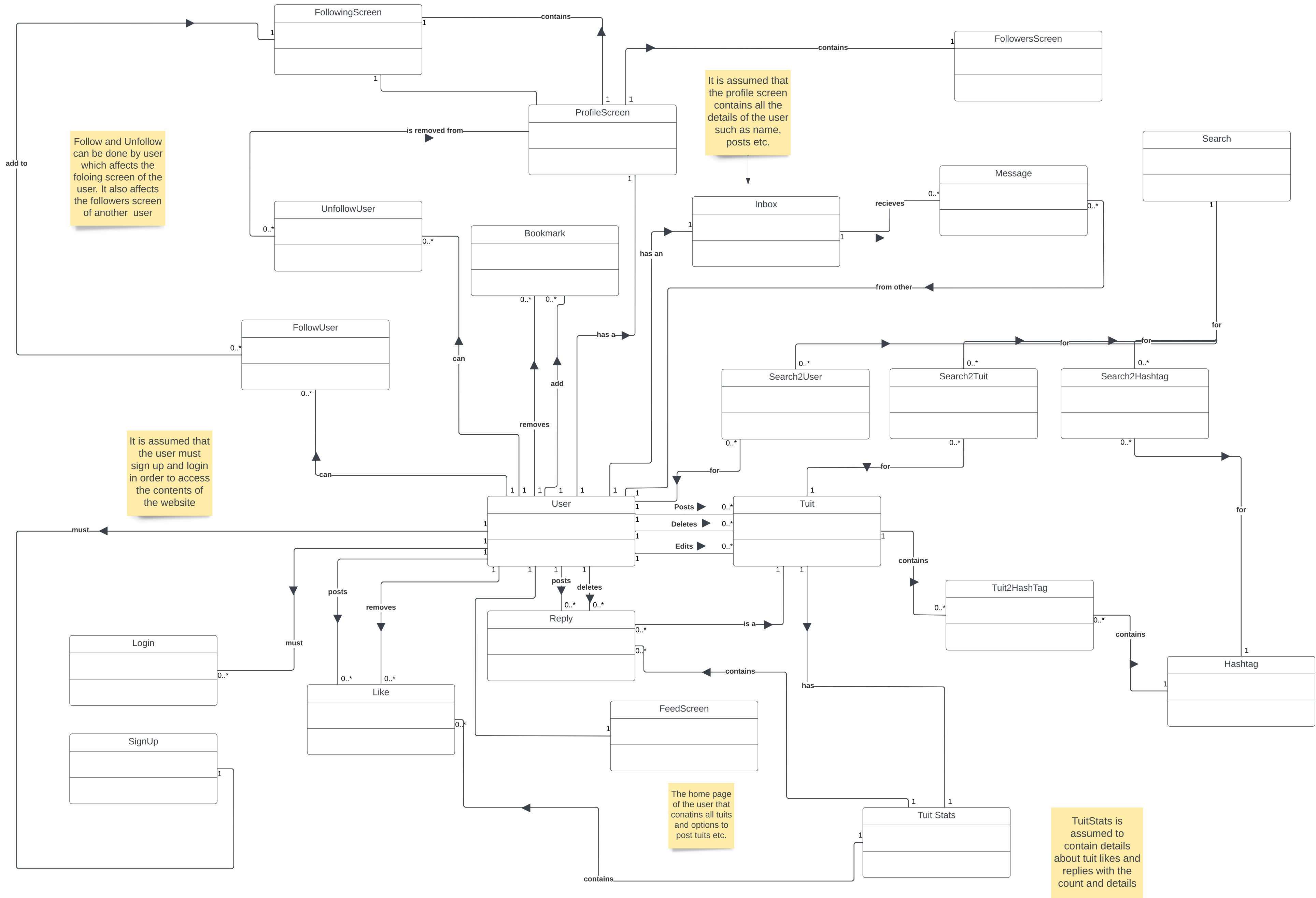
ASSUMPTIONS FOR UML DIAGRAM

User has the option to create, edit and delete tuit. Edit has a specification where it can be edited only within 5 mins of creation.

Tuit can contain hashtags and there is a many to many relationship.

Search option is available where we can search for hashtag, tuit or user.

User can reply and like other tuits. These replies are also considered to be new tuits. Likes and replies are monitored by Tuit Stats.

SignUp and Login are assumed to be mandatory.

Each user is has an inbox to receive messages, there are individual chats for each of the other users sending messages.

User can bookmark and save tuits which will be added to their bookmarks.

Users can follow and unfollow other users. Users will also have following and followers screens.