Twitter

- Project specifications -

Use cases

**User**

**1. Register** : allow users to register with an unique username, a first name and a last name, an e-mail and a password

**2. Search** : search for other users by username, firstname or lastname

**3. Follow** : follow another user and start receiving his public posts

**4.** Unfollow : unfollow a user and stop receiving feeds from this user

**5.** Unregister : remove user and all his posts

**Post**

**1. Add post** : post a public message – yes

**2. Get own posts** : return all posts added by the current user. Able to filter posts newer than a timestamp – dependent on user

**3. Get feed** : return all posts added by users followed by the current user – dependent on user

**4.** Delete post - yes

**5.** Repost : “copy” an existing post from a different user

**6.** Get mentions : return all posts in which the current user was mentioned

**Like**

**1. Like post** : mark an existing post with a like. The owner of the post will receive in his “get own posts” call (Posts.2) ok each post, a list of all the likes that message received

**2.** Remove like

**3.** Cascade**:** When a post is deleted, remove all its likes

**Reply**

**1. Add post reply** : reply to existing posts or other replies. Able to specify if the reply is public or only for the parent post’s owner

**2.** Cascade: When a parent post is deleted, remove all its replies

\*Note: The bold use cases have priority and should be implemented in the order they appear in this document