

# 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
- ✓ 2. **Get own posts** : return all posts added by the current user. Able to filter posts newer than a timestamp
- 3. **Get feed** : return all posts added by users followed by the current user
- ✓ 4. **Delete post**
- 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

# Domain

