

Community
-text -members -archive -channelName -links -image -notify
+send() +reply() +invite() +pin() +uploadImage()

<i>Login</i>
-Username
-Password
+resetPassword() +sendEmail() +loginAccount() +loginButton()

User
-userName -text -info -statusUpdate -userImage -status
+edit() +delete() +updateInfo() +display() +updateImage +updateStatus

<i>Sign Up</i>
-name
-email
-pass
+createUserName()
-createPassword()
-enterEmail()
+register()

```
classDiagram
    class Post {
        -title
        -limit
        -dateTime
        -text
        -textFormat
        -links
        -mentions
        -userName
        -userImage
        -image
        +send()
        +reply()
        +notify()
        +react()
        -delete()
        +createPostButton()
        +archiveUserPost()
        +archiveUserComment()
        -makePost()
        -savePost()
        -edit()
        +giveAwardPost()
        +giveAwardComment()
    }
    class Rewards {
        -postAwards
        -userAwards
        -postVotes
        +receiveAwards()
        +giveAwards()
    }
    class Karma {
        -posts
        -comments
        -votes
        -awards
        -karma
        +updateKarma()
        +postUpvote()
        +postDownvote()
        +receiveKarmaPost()
        +receiveKarmaComment()
        +receiveKarma()
        +giveKarma()
    }
    Post --> Rewards : Rewards is associated with Post
    Karma --> Rewards : Rewards is a child of Karma
```

Messages
-dateTime
-text
-textFormat
-links
-userName
-userImage
-image
-markedUnread
-notify
-replies
+send()
+reply()
+react()
+delete()
+archive()
+pin()
+edit()
+markUnread()
+remind()
+turnOffNotifications()

<i>Inbox</i>
<ul style="list-style-type: none"> <li>-messages</li> <li>-notifications</li> <li>-archive</li> <li>-postVotes</li> <li>-notification</li> </ul>
<ul style="list-style-type: none"> <li>+reply()</li> <li>+pin()</li> <li>+delete()</li> <li>+updateInbox()</li> <li>+clearInbox()</li> <li>+notificationStatus()</li> </ul>