|  |
| --- |
| *Company name – Twitter* |
| Development Specification:  Use Case for the system *Twitter* |
| Document creation date: *29.04.2018*  Version: *version 3.0, 16.05*  Authors:  *Adrianna Buda, Krzysztof Kopleński, Piotr Szczepański* |

**History of document versions**

|  |  |  |  |
| --- | --- | --- | --- |
| **Version number** | **Date** | **Authors** | **Version description** |
| ver\_1 | 29.04.2018 | AB | Main use case diagram added |
| ver\_2 | 06.05.2018 | AB | Use case diagram changed, terminology added |
| ver\_3 | 14.05.2018 | AB | Terminology changed, use cases added |
| ver\_4 | 15.05.2018 | KK | Use case diagrams added |
| ver\_5 | 15.05.2018 | AB | Description of use cases added |
| ver\_6 | 17.05.2018 | KK | Description of use case added |

Table of contents

[Table of contents 2](#_Toc413248749)

[Terminology 3](#_Toc413248750)

[Actors description 4](#_Toc413248751)

[Actor 1: *name* 4](#_Toc413248752)

[Actor 2: *name* 4](#_Toc413248753)

[Actor 3: *name* 4](#_Toc413248754)

[System 4](#_Toc413248755)

[Use case diagram 5](#_Toc413248756)

[Use cases 6](#_Toc413248757)

[Symbol: Use case name 6](#_Toc413248758)

[Symbol: Use case name 6](#_Toc413248759)

Terminology

|  |  |
| --- | --- |
| **Term** | **Definition** |
| Retweet | Also used as either a noun or a verb, a retweet simply is a sharing of your original post by another user in his or her own page. |
| Follower | A “follower” is someone who follows user on Twitter and sees his/hers updates on their home feed. |
| Tweet | Every update posted to user’s followers on Twitter is called a tweet. Every tweet has a 140-character limit, and it is public and searchable by anyone on Twitter. |
| Hashtag | It is used in front of other words in a tweet to provide context or to make it easy for users to search for specific topics on Twitter. |
| Feed | User's twitter “feed” is any list of tweets that constantly updates when new tweets that fit the specificed criteria pop up. User's home feed updates every time someone he/she follow tweets. |

Actors description

In this system following actors are specified:

Actor 1: *User*

Description

Actor 2: *System*

Description

System

*Project based on Twitter idea. We’re developing a system with a mobile application in which user can login/log out, write tweets(no edition and removal allowed). User search other users (also by hashtags), put some tweets for later and change profile.*

Twitter use case diagram



Symbol: UC1

**Primary actors:** User

**Other actors:** System

**Modification date:** 16.05.2018

**Preconditions: Internet connection, installed app**

**Post conditions**: Successful login/ logout. User registered.

**Summary: User by clicking on Sign in button can register his/hers profile and join Twitter**

**Scenario:   
1. The system displays sign in/ sign up buttons**

**2. User clicks sign up button if he/she is not registered yet and create account**

**3. User can now sign in typing his/hers password**

**Extentions:**

**1. User can type invalid credentials and lock account**

**2. The system displays an error message and moves to main site**

**3. No internet connection**

**Comment**

Symbol: UC2

**Primary actors:** User

**Other actors:** Admin

**Modification date:** 16.05.2018

**Preconditions: Internet connection, registered user, account created**

**Post conditions**: Successful profile edition.

**Summary: User changes profile settings and manages his/hers account.**

**Scenario:   
1. The system displays edition buttons**

**2. User clicks profile settings button if he/she wishes to edit profile picture, bio or name**

**3. User clicks manage account button if he/she wishes to edit privacy settings, change email address, or delete account**

**4. Successful edition of profile, in one case – deleted account**

**Extentions:**

**1. ?**

**Comment**

Symbol: UC3

**Primary actors:** User

**Other actors:** Admin

**Modification date:** 17.05.2018

**Preconditions: Internet connection, user signed in**

**Post conditions**: Tweet uploaded to server.

**Summary: User writes and post a tweet.**

**Scenario:   
1. The system displays tweet button**

**2. User type message in tweet frame**

**3. User can upload video or photo if he/she wishes**

**4. Tweet posted successfully**

**Extentions:**

1. **Tweet can’t be posted: contains more than 200 characters**
2. **No internet connection**

**Comment**

Symbol: UC4

**Primary actors:** User

**Other actors:** System

**Modification date:** 17.05.2018

**Preconditions: Internet connection, user signed in.**

**Post conditions**: **System return results, which are matched to searching** **terms**

**Summary: User search by hashtag or user name.**

**Scenario:   
1. User writes words to searching**

**2. User select searching person or searching by hashtag button**

**3. User cliks the search button**

**4. System shows result, that are to searching terms**

**Extentions:**

**1. No Internet connection**

**2. Words to search are incorrect**

**3. System has no results to show**

**Comment**