FR – Functional requirements

NR – Non-functional requirements

Posts FR:

1. Posts display in reverse order.
2. Support for comments and likes in posts
3. View posts comments, likes and views
4. Support for text and media in posts
5. Posts adding/editing
6. Posts notifications
7. Reposts

Posts NR:

* Number of posts in pagination – 10
* Average number of post readings - 10/day
* Average number of post writings - 1/week
* RT to write a post - 3 sec
* RT to read a feed (first page of pagination) - 2 sec
* RT to update a feed (any page of pagination except first) - 2 sec
* No limits to number of comments
* Size of comment is 5000 symbols
* Post can include up to 10 images (up to 1 Mb) and up to 10 media files (up to 1 Mb)

Chats FR:

1. Limit in chat is up to 1000 members
2. Message adding/editing/deletion
3. Mentions of other users
4. Notifications about new messages
5. Size of message is 5000 symbols
6. Post can include up to 10 images (up to 1 Mb) and up to 10 media files (up to 1 Mb)
7. Messages statuses
8. Chat’s avatar

Chats NR:

* Number of messages to return 30
* Average number of messages readings - 30/day
* Average number of messages writings - 10/day
* RT to write a message - 1 sec
* RT to read 30 messages - 1 sec

User FR:

1. Personal information ~ 10 fields about 1000 symbols
2. User profile contains photos with one avatar with timestamp
3. User photos maintain comments and likes
4. Profile display user’s posts
5. Profile display user’s friend list
6. Request friendship (subscription)

User NR:

* Average friends number is 100
* No limit to number of friends
* RT to read user profile – 1 sec
* RT to write user profile – 2 sec

Retention - 5 years

General NR:

* DAU - 50 million
* MAU - 80 million
* HA 99.95%