STATEMENTS OF WORK (ArtPlace)

# REQUIREMENTS

## ACCOUNT

Each user should be able to register.

After submitting the registration form, user should activate his/her account (via confirmation email sent to the address which user specifies during registration).

If a user is not considered as active, he/she should not be able to log in.

Below is a list of registration form parameters:

* Name (2…128 any characters inclusive, whitespace value is not allowed) \*
* Birthday
* E-mail (0…128 characters, unique within the system) \*
* Gender
* Password ([8…128] characters)

\* – required parameters.

## PUBLICS

Each logged user should be able to create up to 128 publics. When user creates a public, he/she becomes its owner. Each public can have only one owner. An owner should be able to issue materials on the public page.

Each logged user should be able to subscribe to unlimited number of publics. Right after the subscription, the user should be able to see the issued materials from public on the feed site. Each subscriber should be able to unsubscribe from a public (previously subscribed). Right after the unsubscription the user feed should not contain the public materials.

A public name has the following restrictions:

* Length [2; 128] characters

Each logged user should be able to rename owned publics.

Each logged user should be able to search publics by name.

Each logged user should be able to review all his/her owned publics.

Each logged user should be able to review all his/her subscribed publics.

Only authorized users should be able to review public pages.

## FREE/PAID PUBLICATIONS

Each group owner should be able to publish paid and free materials. If a user subscribes the public for free, his/her feed should contain free materials only. If a user is subscribed to a public with a paid tariff, his/her feed should contain both free and paid publications.

A publication title (name) must satisfy the requirements below:

* Length [2; 128] characters

A publication body should not exceed more than 4096 characters.

One important feature is that publications which a user has paid for should be permanently available for him/her even in case if he/she unsubscribes a public.

## SUBSCRIPTION TARIFFS

A user should be able to upgrade his/her tariff from free to paid.

Subscription tariffs are unmodifiable.

There are two tariffs available for a public: a PAID tariff and a FREE tariff. Each public owner should be able to set owned publics PAID tariffs price in different currencies (USD by default).

A tariff should be automatically prolonged each month for each user individually. That is, each subscriber of a PAID public tariff will have his subscription automatically prolongated by the system after 30 days since the last prolongation (or PAID subscription, for the first time).

If a user unsubscribes from a public where he/she had PAID subscription, the money for the «unused» subscription days is not compensated.

## ENTITES SYNONIMS

* public = group = profile
* user = account = person

# DEVELOPER NOTES

## DATABASE

Money (whenever it is possible) should be stored in combination of 2 columns that specify the smallest monetary unit and the currency character code (of integer and character datatypes accordingly) due to ISO 4217 (see https://en.wikipedia.org/wiki/ISO\_4217#Active\_codes, <https://www.iso.org/iso-4217-currency-codes.html>).

For example, $10 should be stored as shown below.

|  |  |
| --- | --- |
| money\_amount | currency |
| 1000 | USD |
| … | … |