# Requirements Document

## 1 Introduction

The name of project is "ShotShare". Purposeofproject iscreateasite, whichallowsone userto loadphotos and share it with another, by sending a message to themoffering to download different photos. Alsoonthissite,usercandominimalprocessingoftheirsphotos like cutting, rotating, applying filters.

## 2User Requirements

### 2.1 Software Interfaces

Site "ShotShare" will be developed by using frameworkRubyonRails. Forclientpartwillbe used Bootstrap.Alsosomedynamicupdating areaswill be developed on JavaScript.In particular will be used graphics editor Aviary by Adobe, which also was developedon the JavaScript.Forsavingtheinformationaboutusers,anduploadingphotos on serverwill be used SQLite3 database.

### 2.2 User Interfaces

When user enters the site for the first time, they can make a new account with an email or using social network account, or log in with existing one. After thatthey will be redirected on their personal page, where all uploaded photos will be displayed. On the navigation panel at the top of the site will be the button for uploading new photos.User can add photos on the site bydrag&drop, or simply by choosing photos from computer file system. Whenuserclicksonsomephoto, it will offer to download it from site or process it with built-in graphics editor. Alsousercanexcrete some photos and send the invitation to another users for downloading this photos. User can find a list of all site's users, by clicking the button at the top navigation panel of the site.

### 2.3 User Characteristics

Site "ShotShare" suitableforallcategorizeofusers, who wanttosavefreespaceontheircomputer'sharddiskand who want fast and convenient sharing photos with their friends.Forusingthatsite, usersneedtohaveminimalcomputerskills, because the interface is extremely simple.
The target audience: all users without exception.

### 2.4 Assumptions and Dependencies

The factors that may affect the requirements stated in the document are:

-project manager's requirements

- last versions of browsers (GoogleChrome 50and higher, MozillaFirefox 44and higher, Safari 5and higher, Opera 39and higher).

- sufficient Internet connection speed, for upload photos and for using the built-in photo editor.

# 3System Requirements

## 3.1 Functional Requirements

1) The ability to upload one or several photos on the site at once.
2) Review uploaded photos.
3) Registration and user management.
4) Processing photos in the built-in graphics editor.
5) Localization: English and Russian languages.
6) Possibility to share photos with friends on the site.
7) Search for users.
8) Password reset.
9) Excrete objects.
10) Edit profile.
11) Download photos from service.
12) Authorization on the site.
13) Authorization on the site using social networks.

## 3.2 Non-Functional Requirements

### 3.2.1 ATTRIBUTES OF QUALITY

1) Easy and intuitive interface.
2) Security. (All personal information and accounts are protected.)
3) Speed. (Site's quick work)