

Requirements Document

1 Introduction

The name of project is “ShotShare”. Purpose of project is create a site, which allows one user to load photos and share it with another, by sending a message to them offering to download different photos.

Also on this site, users can do minimal processing of their photos like cutting, rotating, applying filters.

2 User Requirements

2.1 Software Interfaces

Site “ShotShare” will be developed by using framework Ruby on Rails. For client part will be used Bootstrap. Also some dynamic updating areas will be developed on JavaScript. In particular will be used graphics editor Aviary by Adobe, which also was developed on the JavaScript. For saving the information about users, and uploading photos on server will 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 that they 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 by drag&drop, or simply by choosing photos from computer file system. When user clicks on some photo, it will offer to download it from site or process it with built-in graphics editor. Also user can create 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” suitable for all categories of users, who want to save free space on their computer’s hard disk and who want fast and convenient sharing photos with their friends. For using that site, users need to have minimal computer skills, 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 50.0.2661.75 and higher, MozillaFirefox 44.0 and higher, Safari 5.1.10 and higher, Opera 39.0.2256.43 and higher).
- sufficient Internet connection speed, for upload photos and for using the built-in photo editor.

3 System 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.

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)