

FaceFinder

The platform has as its main user the photographers. **A photographer can add photos individually, but they can also group photos in an album.** They can **edit** these photos and also change their **visibility** defined as public or private. Besides that, and considering that a known fact is that some photographers usually work in events, in the platform a photographer, who is the **admin of their own albums**, can not just **add other photographers** to specific collaborative albums but also add a platform user(registered) as the **album owner**.

Looking at the perspective of the album owner, it is important to mention that he can **add other platform users to the album**, these, in turn, **can download photos or the entire album**. Note that a user can be the owner of one or more albums, but it is also a **general user**.

A general user is one who can **search and view public photos**.

Functional Requirements

- The system shall support two types of users: registered and unregistered;
- Unregistered users can access the system;
- Unregistered users can search public photos;
- Unregistered users can see public photos published by a photographer;
- The registered users shall have two roles: photographer and general user.
- A photographer shall have the option to add photos;
- A photographer shall have the option to edit photos;
- A photographer shall have the option to define photo visibility (public or private);
- A photographer shall have the option to create an album;
- A photographer shall be the admin of the albums created by themselves;
- An album admin shall have the option to add new photographers to that album;
- An album admin shall have the option to add general users to that album;
- An album admin shall have the option to define a general user as an album owner;
- A general user shall have the same permissions as an unregistered user;
- A general user shall have the option to request permission to download a photo from a photographer;
- As an album participant, a general user can download the full album;
- As an album participant, a general user can download a specific photo from the album;
- As an album owner, a general user can add other general users as album participants;

Non Functional Requirements

- The system shall have a user-friendly and modern interface;
- The system shall be compatible with all modern browsers;
- The system shall follow the General Data Protection Regulation;
- The system shall follow the security principle of confidentiality - data is only available to authorized parties.

- The system shall follow the security principle of integrity - certainty that the data is not tampered with or degraded during or after submission.
- The system shall follow the security principle of availability - the information is available to authorized users when it is needed.
- The system shall have a cloud infrastructure.
- All images displayed in the front end shall be optimized;

Photographer	General User	Album Participant	Album Owner
create albums	Search photos	download album	add participants to the event album
add a photographer to an album (if album admin)	see photos	download photo	
associate owner to albums	request a photo to photograph		
add photo			
edit photo			
define photo visibility			

Personas (To be developed)

- Nicolas: a communication student trying to find photos of Tom Cruise in different action movies for a project
- Marina: a journalist who wants to find photos of players after a soccer match, to write an article about the game.
- Rafael: a photographer who works as a freelancer in different events.
- Sophia: lead photographer of its own photo company.
- Arthur: Developer who wants to give a birthday party and have a nice management of the event photos.
- Ana: Teacher, Rafael's friend who wants to see her photos after the birthday event.