File Sharing Program

Use-Case Model

Version 1.0

Revision History

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Use-Case Model

# Use-Cases Identification

This program has two types of actors:

* Anonymous user
* Logged user

## Actors

### Anonymous user

An Anonymous user can perform the following operations:

* create an account
* sign in

If an anonymous user creates an account, and signs in than he becomes a logged user. To sign in, he must provide a valid username and password.

### Logged user

A logged user can perform multiple operations. If he signs out, then he becomes an anonymous user. Also, he can customize his profile (similarly with creating an account in the case of an anonymous user). He is able to search and add contacts and make groups from their contacts. He can also share with a contact or a group of contacts photos, albums, videos or other files. Another use case is chatting with a contact or with a group of contacts.

## Three main use cases

### **Use case:** Create account

**Level:** user-goal level

**Primary actor:** anonymous user

**Main success scenario:**

* the user inserts personal data (username, password, profile image etc.)
* the system verifies if the introduced data is valid
* the system creates the account
* the user can sign it to become a registered user

**Extensions:**

* the user can’t choose an already chosen username
* the two passwords must be the same
* the profile photo is facultative

### **Use case:** chat with contacts/groups

**Level:** user-goal level

**Primary actor:** logged user

**Main success scenario:**

* the user selects the user or the group
* the user writes the message
* sends the message with clicking a button

**Extensions:**

* if the message is empty, no message will be sent

### **Use case:** share photo

**Level:** user-goal level

**Primary actor:** logged user

**Main success scenario:**

* the user selects the destination user or group
* the user selects the photo from the local machine
* the user can write a description
* share photo by clicking a button

**Extensions:**

* a valid photo must be selected
* the description is facultative

# UML Use-Case Diagrams

