

Java EE Project

The goal of this project is to develop an application that allows to manage photos and to annotate them.

The application will be multi-users. A user can request an account. From this account it will be able to create/delete albums and add/delete photos to albums.

There are two kinds of users: classical user and administrator. An administrator can create administrators and delete any users (and all associated albums and pictures).

If you follow the semantic web course, you will have to develop an annotation module. If not, you have to develop a sharing module.

Annotation module:

The user will also be able to annotate pictures. Annotating photos consists in giving what/who the photo depicts, and where the photo has been taken.

Depictions can be person, animal, object, landscape, etc. Depictions can be named entities or anonymous instance for a class.

Then the user can queries his/her photos through an interface allowing to select:

- A class of photo
- What the photo depicts (named entities or variable instance of a class); several depicts condition can be given.
- Where the photo as been taken.

Sharing module:

A user will be able to share/unshare albums of pictures to other users or/and group of users.

To that extends, it each user can create groups of users. The groups are “visible” only to the user that created them. A user can see all the albums he created and all albums shared with him. He cannot edit albums shared with him.