1. BRIEF SUMMARY

This project is about setting up a website for letting people share images and videos with others to get comments. Although the main function is as short as that, there are many sub-functions to be detailed later.

1. TECHNOLOGY
   1. SERVER-SIDE WEB PROGRAMMING

Ruby on Rails should be used with a solid application of MVC pattern.

* 1. CLIENT-SIDE WEB PROGRAMMING

CSS and jQuery should be used for presentation at the client side and the HTML structure must be well structured.

* 1. DATABASE

Amazon DynamoDB will be the backend storage mechanism.

* 1. SESSION DATA

Session data must be stored in Redis or memcached.

* 1. INTERNATIONALIZATION

This website will be used by users all around the world. All text must be parametric and the language of the website should be selected by the user and saved as a cookie for later visits. Once the language is selected, the images/videos of the users with that language must be filtered.

1. SUBFUNCTIONS
   1. REGISTER/LOGIN/LOGOUT

There should be a register, login and logout page. Register page will include info such as full name, email, country, sex, birth date, and personal info. A photo can also be added as a profile picture.

An email confirmation link must be sent for the completion of registration. A captcha should be used to prevent spam users.

Registration and login can also be done via Facebook/Twitter/LinkedIn.

* 1. ADD NEW IMAGE/VIDEO

A registered user may add a new image or video with a description. For example, a woman may add the image of her skirt with description like “What do you think about my skirt?”

Any added image/video will be checked by the admin to see if any policy is breached. Only then it will be approved and listed for other users to post comment.

A category, subcategory, and language (English, German, …) will be selected by the user for each image/video.

The owner of the image/video cannot update her image/video but can delete at any time. Deletion will not affect the rating of the comments.

* 1. COMMENT

Any registered user can add comment to any image/video. For each comment, there should be three links: LIKE, DISLIKE, and COMPLAIN. A specific user cannot like or dislike an image/video multiple times.

Each comment will have two numbers: one for the total number of likes and one for the total number of dislikes.

If COMPLAIN link is clicked, a dynamic form will be shown for the user to send her complaint about that particular comment.

AJAX should be used for interaction.

* 1. USER RATING

Each registered user will have a rating with the following formula:

Rating of a user = Total number of LIKEs for her comments – Total number of DISLIKEs for her comments

Depending on the rating of a user, she will have a degree such as newbie, amateur, experienced, and so on. These degrees are for giving users special privileges but those privileges will be defined at the next phase of this project.

* 1. MESSAGING

Each registered user will have an inbox and outbox. Users will have the ability to send messages to other users. AJAX should be used for interaction.

* 1. FRIENDS

Any registered user can have any number of friends. Each user may send friendship request to other users. The user can accept or deny the request with free will. The user will have the chance to limit the visibility of her image/video to her friends only instead of broadcasting everyone.

* 1. CONTROL PANEL

In the control panel, a registered user can update her profile or change password.

* 1. USER PROFILE PAGE

The profile page of a user will include her profile picture, age, country, personal description, user rating, a message form in AJAX, and latest images/videos of hers.

* 1. SUPPORT PAGE

Registered users can open support cases and they will follow the interaction with the admin through this mechanism.