

Cyber-Cataloguer: Front End Functionality

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Functionality is

Optional

Core

Functions should

Motivate

- make the user want to participate and /or use the system

Guide

- to encourage assignment of 'good' terms

Reward

- to encourage ongoing participation

The System should enable the user to:

- **Create a user identity, [preferably] distinct for each user (one user per id)**
 - **Register User [one account per human being]**
 - **Identity based on email address**
 - **Password**
 - **Email verification**
 - **Default language**
 - Optional (for user):**
 - **Experience**
 - **Education**
 - **Age**
 - **Interests**
 - **→ Users tag themselves**
 - Privacy:**
 - **Issue – compliance with COPA (Children's online privacy protection act) or other privacy legislation**
- **Login to session**
 - **Time + date of last session**
 - **Content being viewed**
 - **Progress through chosen set (including light-box, preferences)**

Cyber-Cataloguer: Front End Functionality (cont)

- Things seen already (to remove redundant tagging)
- Things I've tagged already
- Things in my saved sets
- Time on-line

- View history
 - See past works tagged
 - See "tag clouds"

- Work Anonymously
 - Do you login or just use tool?
 - Do you see all the other anonymous users' activities?

- Pick Works To Tag
 - See Light Box display of works that correspond to defined/assumed interests
 - "Impressionism" if that's in my profile (or other axes of similarity)
 - Random within my area of interest
 - Just plain random
 - User Search (keyword/metadata)

Lightbox (Workspace) = matrix display of thumbnails of works available to flag, with user-definable # of works per 'light-box' screen

- User has other available options (see tag cloud, see personal data, search for works)

- User selects work(s) to describe (an image) from those displayed in light box
 - with a click (to one image)
 - with checkbox
 - (for multiple images to be presented in sequence)

- OR user can specify that this is a group to which one applies the same list of terms
 - *functionality limited to particular levels of user expertise*

If Group

- see all images
- have option to enter terms that apply to all images
- see term (e.g. previously chosen by administrator) and pick the images that apply

Optional: User associates images from set with pre-selected terms

- visual selection
- tag works displayed that are like the term that is proposed
 - e.g. “Monet” is metadata driving the search
 - “Impressionism” is prompted
 - User selects works that ARE Impressionist
Other works fall away

If Single image:

- **Cataloguing Interface Appears**
 - **User is prompted to enter terms**
 - with category pre-defined
 - without category
 - with category assigned by user after term given
 - Input prompt that encourages assignment of term or pre-coordinated cluster e.g. Single line text box (goal = discourage long text entries)
 - User may or may not see additional data about the work (basic label copy)
 - User defined option to see text or not
 - Detailed examination tool (magnifying glass)
 - Link to larger version of this image
 - Presence of additional views (of this work) indicated
 - OR Highlighted / timed exposure to motivate? [research issue]
 - Optional: Quadrant- based ‘pull’ of terms related to parts of image [research issue]
 - Optional: user can link term to ‘place’ or ‘part’ of image by pointing or dragging [research issue]
 - User sees tags already assigned to this work (optional)
 - yes / no / correct (fix) to weight terms
- **User assigns terms**
 - record language of term (if not default language for user)
 - link term with facet? [research issue]

Cyber-Cataloguer: Front End Functionality (cont)

- **User saves terms**
 - “commits” to having tags recorded
 - to each term or to all terms applied to this work?
 - **User can modify terms they have assigned to works**
 - correct terms assigned to works in this session
 - add terms to works described in this session
 - delete terms assigned to works described in this session
 - Use this as a ‘correction’ (as in above weighting)
 - **User can search on terms they have assigned to works**
 - Things I’ve tagged ‘impressionist’
 - “Terms I’ve used”
- **User can create saved sets and give them labels, for example**
 - “pending” works
 - Last things I did
 - 10 things that I got wrong
 - things that are ‘horror’ (term I am going to tag with this but haven’t yet)
 - **User can add/delete images to existing saved set**
 - E.g. more horrific images
 - **User sees own stats against progress of self / others/ all / group / goals / target / quota**
 - **User can choose what works to see next**
 - More alike Different [based on tags?]
 - Additional views of same work
 - Random
 - Meta-data driven search
 - **User could see what others are doing ...**
 - Group sees the same image at the same time and all tag it at once
 - Echo submitted tags across all participating users
 - Doesn’t have to be ‘real-time’
 - **General Community Stats**
 - # of users on-line
 - # of registered users
 - # of works catalogued / not catalogued

Cyber-Cataloguer: Front End Functionality (cont)

- **Game-like functions**
 - matchmaking based on shared interests and tags
 - competitive # of tags in how much time
 - instant validation
 - points for tags that people online think are 'most appropriate'
- **User is motivated through 'sense of community', making them feel as if they are ...**
 - learning
 - participating
 - investing
 - part of another learning community (dogs, stamps, weapons)
- **User's performance is rewarded**
 - skill rating increases (power-cataloguer)
 - "cash" for performance (gift certificate, membership, admission, coupons for certain # of works)
 - "special" images for 'really good' cataloguers
 - Move to the next level

Is there any place for 'long text'? Part of the user profile?