Cataloguing by Crowd Workshop: Grindstone Island: July 2005

Cyber-Cataloguer: Front End Functionality
Draft .2 – July 20, 2005

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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)
  o 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

  o 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
  o e.g. “Monet” is metadata driving the search
  o “Impressionism” is prompted
  o User selects works that ARE Impressionist
    Other works fall away

If Single image:

  o Cataloguing Interface Appears
    o 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

  o OR Highlighted / timed exposure to motivate? [research issue]
  o Optional: Quadrant- based ‘pull’ of terms related to parts of image [research issue]
  o Optional: user can link term to ‘place’ or ‘part’ of image by pointing or dragging [research issue]

  o User sees tags already assigned to this work (optional)
    o yes / no / correct (fix) to weight terms

  - User assigns terms
    o record language of term (if not default language for user)
    o link term with facet? [research issue]
- **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?