Digital Library Creation with Viewshare

Lesson Objective
Students will demonstrate proficiency in taking a digital collection through the metadata model design, resource cataloging and resource publishing process using Viewshare, a hosted digital library platform offered by the Library of Congress.

Guidelines
· This is an individual assignment.
· Registration for a Viewshare account is required.
· This assignment includes three separate processes: metadata modeling, data loading/cataloging and interface design. Each of these steps is facilitated by the Viewshare platform.
· Students will conduct a short oral presentation to the class on their completed digital collection.

Activity

Part 1: Metadata modeling: Use the skills you have learned this semester to evaluate your digital collection and select metadata elements that will help you describe your digital objects. The metadata model must include:
 a) descriptive elements (e.g. title, creator, publication or related date),
 b) a categorization or classification system (e.g. LCSH, DDC, TGN, or your own developed categorization system), and
 c) one metadata element that allows you to leverage a visualization feature in Viewshare (e.g. date timeline, geographic or pie chart).

Part 2: Data loading/cataloging: Use the CSV or Microsoft Excel format option to create and load Viewshare data. Include at least 20 digital objects to ensure a robust Viewshare library. Viewshare’s website includes instructional videos (http://viewshare.uservoice.com/knowledgebase/articles/77925-10-minute-viewshare-tutorial) and a user guide (http://viewshare.org/about/userguide/) that can be accessed should you have questions about the process. You may ask your professor and classmates for assistance as well.
Part 3: Interface design: For this part, include at least:

a) two advanced “Views” (e.g. Map, Timeline, Gallery, or Pie chart),

b) a search widget, and

c) a list or tag cloud widget.

Explore and experiment with the design features of Viewshare and consider the use of metadata labels, sorting and other features.

Evaluation

This assignment will be evaluated by the following criteria and successfully answering the following:

1. Overall evaluation of digital library in Viewshare
2. **Metadata modeling and data loading**
   a) Does your metadata model meet the criteria discussed under guidelines (e.g. metadata standard, classification/categorization, date/geographic metadata)?
   b) Does your metadata model capitalize on the digital collection you selected?
   c) Is your metadata model grounded in standards, and if so, which standards (discuss in your presentation/statement)?
   d) Did you succeed in loading the data defined in your metadata model?

3. **Interface design**
   a) Did your interface utilize the elements defined in the guidelines?
   b) Does your interface reflect an exploration of design features?

4. **Presentation**
   a) Did you take your classmates on a tour of the platform?
   b) Did you define your selected metadata standard, discuss the challenges and interesting outcomes of the digital library creation process and interface design?
   c) Did you reflect on the creation process during your presentation?