

SIMS 202 PHONE PROJECT – ASSIGNMENT 4 (PART 2) METADATA REVISION (Due October 9, 2003) October 2, 2003

0. DOCUMENT SUMMARY

- 1. METADATA REVISION**
- 2. CONDENSED METADATA FRAMEWORK FOR THE PHONE**
- 3. SUBMISSION REQUIREMENTS**

1. METADATA REVISION

Revising and improving your faceted metadata framework is the highest priority task in this assignment. Taking into account the feedback provided by the Teaching Team on October 2nd, please produce a new version your metadata framework.

Be sure to follow the same formatting requirements that were specified in Part 1 of Assignment 4.

If you are unclear on the feedback you received or any of the specifications for faceted metadata, please review the examples of faceted classification systems handed out with Part 1 of the assignment, and ask your TAs and Professors for help.

Please also write a brief explanation of the changes you made to your metadata framework and describe how those changes improve the classification system.

2. CONDENSED METADATA FRAMEWORK FOR THE PHONE

In Part 1 of Assignment 4, we asked you to reflect on the affordances of the mobile phone for photo annotation. In this assignment we would like you to take this a step further and produce an information design for a phone-based annotation system. Your primary focus in this part of the assignment is to determine which parts of your faceted metadata framework you would expose to users, not to design a new user interface for making mobile media annotations. You want to decide how much of your metadata hierarchy to expose to a phone-based annotation interface that prompts users to provide adequate annotations for the purposes of your application, while remaining usable in a mobile phone application context. In most cases this means that you would only want to expose certain segments of your classification system to the user.

To communicate how your mobile media annotation user interface would affect how much of your metadata framework would be exposed to the user, we ask that you produce two design documents. The first is a marked up copy of your revised metadata framework that shows which facets, sublevels, and leaf nodes you would expose to users for mobile annotation. The second is a document briefly describing the rationale behind your condensed metadata framework for the mobile media annotation interface.

Please be sure to mark up a separate copy of your revised metadata framework, and post both a marked and unmarked version on your team website.

The following example shows a small subset of a metadata system that was designed for an application that helps students find places to study on and around Berkeley’s campus.

The shaded nodes of this faceted classification system would be exposed in the phone-based annotation user interface. The required accompanying document to your marked up spreadsheet should include an explanation of the rationale for these choices.

Main Facet	1st Sublevel	2nd Sublevel	Leaf Node
Location			
Location	On-Campus		
Location	On-Campus	East of South Hall	
Location	On-Campus	West of South Hall	
Location	On-Campus	West of South Hall	Doe Library
Location	On-Campus	North of South Hall	
Location	On-Campus	South of South Hall	
Location	Off-Campus		
Location	Off-Campus	Downtown	
Location	Off-Campus	Downtown	Starbucks
Location	Off-Campus	North Berkeley	
Location	Off-Campus	South Berkeley	
Location	Off-Campus	South Berkeley	Milano
Location	Off-Campus	West Berkeley	
Main Facet	1st Sublevel	2nd Sublevel	Leaf Node
Type of Space			
Type of Space	Building		
Type of Space	Building	Library	
Type of Space	Building	Library	Computer Lab
Type of Space	Building	Library	Lounge
Type of Space	Building	Library	Study / Mtg. Room
Type of Space	Building	Department Bldg.	

Type of Space	Building	Department Bldg.	Classroom	
Type of Space	Building	Department Bldg.	Student Lab	
Type of Space	Building	Café		
Type of Space	Building	Café	Outdoor Seating	
Type of Space	Building	Café	Dining Area	
Type of Space	Outdoor Area			
Type of Space	Outdoor Area	Field		
Type of Space	Outdoor Area	Grove		
Main Facet	1st Sublevel	2nd Sublevel	3rd Sublevel	Leaf Node
Objects				
Objects	Animate			
Objects	Animate	Animals		
Objects	Animate	Plants		
Objects	Animate	Plants	Trees	
Objects	Animate	Plants	Grass	
Objects	Inanimate			
Objects	Inanimate	Food		
Objects	Inanimate	Food	Liquids	
Objects	Inanimate	Food	Solids	
Objects	Inanimate	Food	Solids	Pizza
Objects	Inanimate	Furniture		
Objects	Inanimate	Furniture	Working Surface	
Objects	Inanimate	Furniture	Working Surface	Picnic Table
Objects	Inanimate	Furniture	Seating	
Objects	Inanimate	Furniture	Seating	Sofa
Objects	Inanimate	Electronics		
Objects	Inanimate	Electronics	Equipment	
Objects	Inanimate	Electronics	Equipment	Computers

5. SUBMISSION REQUIREMENTS

PROCESS

- Meet with your team and discuss the feedback you received from the teaching team to ensure everyone understands it.
- Revise your metadata framework, applying the same formatting rules and naming conventions specified in Part 1 of the assignment.
- Write up a brief summary of the changes you made to your classification system and a justification for each of the changes.
- Determine the subset of your metadata framework you would expose to a phone-based annotation interface for your application.

- Describe this design by marking up a copy of your revised metadata framework. Mark the facets and facet nodes that would be displayed in your phone-based annotation system.
- Write up a brief explanation of why you chose to expose those particular facets and nodes in your phone-based annotation interface.
- Update your team website with the deliverables listed below.

DELIVERABLES

1. A revised faceted metadata system
2. A summary of the changes you made and justifications for them
3. A marked up copy of your revised metadata framework, indicating which facets and nodes would be exposed to your application users in a phone-based annotation interface
4. A brief accompanying document describing the rationale of your information design and any differences between your full metadata framework and this condensed version.
5. Update your work distribution chart with information about time spent on this assignment
6. No later than before class on Thursday Oct 9th, please send email to is202-ta@sims.berkeley.edu notifying us that your team has completed the assignment.

Questions? Email: is202-ta@sims.berkeley.edu