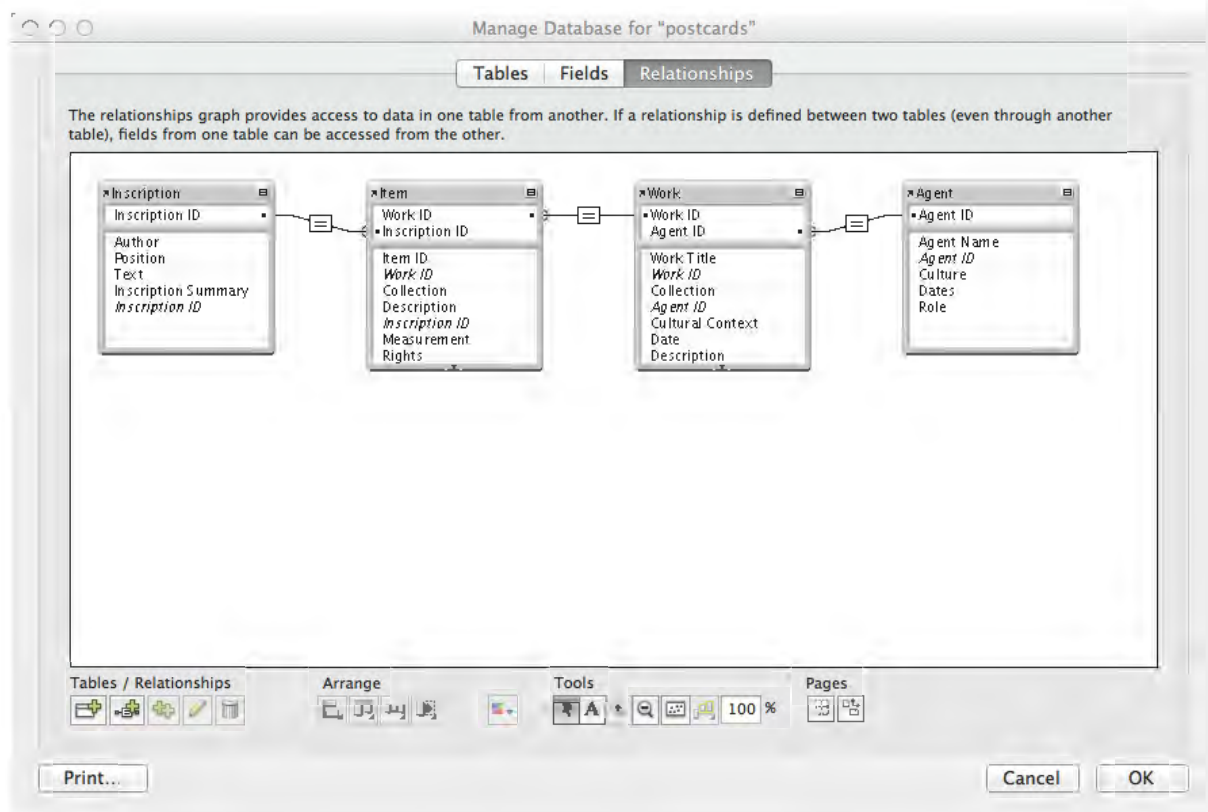Physical Data Model

Metadata Application Profile

This application profile is used for specify the metadata field and the controlled vocabulary the user will use in the items' metadata. This document identifies the terms used to describe all the items. The metadata application profile is based on VRACore, and it will be used as a guide to create new records.

The collection to fit this database is a personal collection of postcards. Those postcards are mostly acquired from gift shops in different art museum, and the rest of them are gifts. There are two layers of the information: one is the items themselves and the other one is the artwork in the postcards.

Data Element Referred:

VRAcore: https://www.loc.gov/standards/vracore/schemas.html

Entity: Item

Element Name	Item ID
Data element	VRACore: Image
Definition	The assigned ID for each item
Expected values	String
Repeatability	Not repeatable.
Cardinality	Mandatory.
Notes	Three-digit number with a letter "ITEM" starts from ITEM001.

Element Name	Work ID
Data element	VRACore: Work
Definition	The assigned ID for each work printed on the postcard.
Expected values	String
Repeatability	Repeatable
Cardinality	Optional
Notes	Three-digit number with a letter "W" starts from W001.

Element Name	Collection
Data element	VRACore: Collection
Definition	The collection name that the collector has named.
Expected values	Text
Repeatability	Repeatable
Cardinality	Mandatory
Notes	The collector has divided the whole collection into several sub collections and has a name for each sub collection. If an item does not belong to any sub collection, it will be considered as "Other" in this field. A value list has been created for this field.

Element Name	Description
Data element	VRACore: Description
Definition	The description of the item.
Expected values	Text
Repeatability	Repeatable
Cardinality	Optional
Notes	The free-text field about the item, for extra notes.

Element Name	Inscription ID
Data element	VRACore: Inscription
Definition	The assigned ID for each inscription.
Expected values	String
Repeatability	Repeatable
Cardinality	Optional
Notes	Three-digit number with a letter "I" starts from I001.

Element Name	Measurements
Data element	VRACore: Measurements
Definition	The physical size of the item.
Expected values	Integers
Repeatability	Repeatable.
Cardinality	Mandatory.
Notes	Round the numbers to the nearest integers. Hight(cm) x width(cm)

Element Name	Rights
Data element	VRACore: Rights
Definition	Information about the copyright status and the rights holder for the item.
Expected values	Text

Repeatability	Repeatable
Cardinality	Optional
Notes	The information should be acquired from the item. Usually the photographer who takes the photo of the original object. MLA rules for bibliographic citation for print sources.

Element Name	Location
Data element	VRACore: Location
Definition	The place that the item is acquired.
Expected values	Text
Repeatability	Repeatable
Cardinality	Optional
Notes	A value list has been created for this field. The location name could be vague.

Element Name	Source
Data element	VRACore: Source
Definition	The process of acquiring the item.
Expected values	Text
Repeatability	Repeatable
Cardinality	Optional

Notes	Relates to personal story, usually identify the place or the person contribute to the item.

Entity: Work

Element Name	Work Title
Data element	VRACore: Title
Definition	The title of object in the items.
Expected values	Text
Repeatability	Repeatable
Cardinality	Mandatory
Notes	The information should be acquired from the item. If there is no information of the title, the cataloger needs to put in some words related to the work.

Element Name	Work ID
Data element	VRACore: Work
Definition	Assigned by cataloguer for each work
Expected values	String
Repeatability	Not repeatable
Cardinality	Mandatory
Notes	Three-digit numbers begin with a letter "W". Start from W001.

Element Name	Collection
Data element	VRACore: Collection
Definition	The collection that the work belongs to.
Expected values	Text
Repeatability	Repeatable
Cardinality	Optional
Notes	This is the collection the work belongs to, not the item. The information should be gathered from the item.

Element Name	Agent ID
Data element	VRACore: Agent
Definition	The information of the person who is responsible for creating the object.
Expected values	String
Repeatability	Repeatable
Cardinality	Optional
Notes	Three-digit numbers begin with a letter "A". Start from A001.

Element Name	Cultural Context
Data element	VRACore: Cultural Context
Definition	The culture that the work is originally from.
Expected values	Text

Repeatability	Repeatable
Cardinality	Optional
Notes	The information should be gathered from the item. ULAN Nationalities and Places if available.

Element Name	Date
Data element	VRACore: Date
Definition	The year that the work was created.
Expected values	4-digit year
Repeatability	Repeatable
Cardinality	Optional
Notes	The information should be acquired from the item. 4-digit year.

Element Name	Description
Data element	VRACore: Description
Definition	The physical description of the object that the item adopts.
Expected values	Text
Repeatability	Repeatable
Cardinality	Optional
Notes	Free-text field for extra notes.

Element Name	Material
Data element	VRACore: Material
Definition	The substance of which the work is composed.
Expected values	Text
Repeatability	Repeatable
Cardinality	Optional
Notes	The information should be acquired from the item. Recommend AAT.

Element Name	Measurements
Data element	VRACore: Measurements
Definition	The physical measurements of the work that the item adopts.
Expected values	Numbers and text
Repeatability	Repeatable
Cardinality	Optional
Notes	Organize description spatially from top to bottom, left to right, or front to back when describing an object. The information should be acquired from the item. The unit should be identified after the numbers.

Element Name	Rights
Data element	VRACore: Rights
Definition	Information about the copyright status and the rights holder for the object.
Expected values	Text
Repeatability	Repeatable
Cardinality	Optional
Notes	The information should be acquired from the item. MLA rules for bibliographic citation for print sources.

Entity: Agent

Element Name	Agent Name
Data element	VRACore: Agent
Definition	The person who is responsible for creating the object.
Expected values	Text
Repeatability	Repeatable
Cardinality	Optional
Notes	Use lastname, firstname if a personal name. The information should be acquired from the item. Controlled values from LCNAF if available.

Element Name	Agent ID
Data element	VRACore: Agent
Definition	The assigned ID for each agent.

Expected values	String of letter and numbers
Repeatability	Not repeatable
Cardinality	Mandatory
Notes	Begin with a letter "A", and the first ID should be "A001".

Element Name	Culture
Data element	VRACore: Culture
Definition	The culture of the agent is from.
Expected values	Text
Repeatability	Repeatable
Cardinality	Optional
Notes	ULAN Nationalities and Places if available.

Element Name	Dates
Data element	VRACore: Dates
Definition	The date range of birth and death years of the agent.
Expected values	Numbers
Repeatability	Repeatable
Cardinality	Optional

Notes	If the agent is still alive, leave the death year blank. Earliest Date-Latest Date.

Element Name	Role
Data element	VRACore: Role
Definition	The role of the agent.
Expected values	Text
Repeatability	Repeatable
Cardinality	Optional
Notes	Recommend AAT.

Entity: Inscription

Element Name	Inscription ID
Data element	VRACore: Inscription
Definition	The assigned ID for each inscription.
Expected values	String
Repeatability	Not Repeatable
Cardinality	Mandatory
Notes	Three-digit number with a letter "I" starts from I001.

Element Name	Author
Data element	VRACore: Author
Definition	The person who wrote down the inscription
Expected values	Text
Repeatability	Repeatable
Cardinality	Optional
Notes	Use lastname, firstname. Controlled values from LCNAF if available.

Element Name	Position
Data element	VRACore: Position
Definition	The position of the inscription on the item.
Expected values	Text
Repeatability	Repeatable
Cardinality	Optional
Notes	

Element Name	Text
Data element	VRACore: Text
Definition	The content of the inscription
Expected values	Text

Repeatability	Repeatable
Cardinality	Optional
Notes	Could be in other languages.

Element Name	Inscription Summary
Data element	VRACore: Inscription
Definition	Gathering the information of other fields in Inscription table together.
Expected values	String of letter and numbers
Repeatability	Repeatable
Cardinality	Mandatory
Notes	Author & Location & Text