Library Special Collections Artifacts and Exhibitions Tracker

By: Collin Molony

Project Proposal / Overview

Scenario: Track the objects on display in a special collections exhibition. These objects would include both traditional library material as well as artifacts.

Objectives: Provide information about current location of special collections objects

Store information on historical exhibitions

Track non-library (museum) materials held by a library's special collections

Include an identifier for library materials to match identifier in library database

Mission Statement and Objectives

Mission Statement: The special collections exhibitions tracking database retains information in order to facilitate the tracking of special collections exhibitions.

Mission Objectives:

- Maintain an inventory of special collections artifacts
- Maintain a list of exhibitions past and present
- Record locations of special collections artifacts throughout time
- Track which artifacts are used in each exhibit
- Store information on locations used for special collections exhibitions
- Store primary contact information for special collections exhibitions

Preliminary Field List

Exhibition Title

Exhibition contact

Start Date

End Date

Exhibition Status

Exhibition Description

Exhibition ID

First Name

Last Name

Staff Role

Staff ID

Phone Number

Office Number

Email Address

Artifact ID

Artifact Type

Artifact Description

Catalog System

Catalog Number

Location Name

Room Number

Building

Date moved to location

Date removed

Preliminary Table List

Artifact

Exhibitions Staff

Location

Exhibition

Final Table List

Artifact

Type: Data

Description: This table holds the information about the artifacts

Fields:

- <u>Artifact ID</u>
- Artifact Type
- Artifact Description
- Catalog System
- Catalog Number

Exhibitions Staff

Type: Data

Description: This table holds the contact information about exhibitions staff

Fields:

- <u>Staff ID</u>
- First Name
- Last Name
- Staff Role
- Phone Number
- Office Number
- Email Address

Location

Type: Data

Description: This table contains information about locations used for exhibitions

Fields:

- <u>Room Number</u>
- <u>Building</u>
- Location Name

Exhibition

Type: Data

Description: This table contains information about the exhibitions

Fields:

- Exhibition ID
- Exhibition Title
- Exhibition contact (Staff ID)
- Start Date
- End Date
- Exhibition Status
- Exhibition Description

Active Artifact Location

Type: Linking

Description: This table links artifacts to locations they are currently held in. Each artifact can only be held in one location.

Fields:

- Artifact ID
- Room Number
- Building
- Date Moved to Location

Former Artifact Location

Type: Linking

Description: This table links artifacts to locations they were previously held in. This is for a many-to many relationship

Fields:

- Artifact ID
- Room Number
- Building
- Date Moved to Location
- Date Removed

Artifacts on Exhibition

Type: Linking

Description: This table links artifacts to exhibitions. This is for a many-to-many relationship

Fields:

- Artifact ID
- Exhibition ID

Exhibition Locations

Type: Linking

Description: This table links exhibitions to locations. This is for a many-to-many relationship

Fields:

- Exhibition ID
- Room Number
- Building

Entity	Attribute	Data Type	Primary Key?	Nullable	Relation to	Description
Artifact	Artifact ID	Text	x	No		Unique Name assigned to the artifact to identify it
Artifact	Artifact Type	Text		No		Holds the type of artifact (Book, Weapon, Pottery, etc.)
Artifact	Artifact Description	Text		No		Detailed description of the artifact
Artifact	Catalog System	Text		Yes		Name of cataloging system where the artifact is originally cataloged
Artifact	Catalog Number	Number		Yes		Catalog Number from cataloging system
Exhibitions Staff	Staff ID	Number	x	No		Staff ID Number (assigned by library)
Exhibitions Staff	First Name	Text		No		Staff Member's First Name
Exhibitions Staff	Last Name	Text		No		Staff Member's Last Name
Exhibitions Staff	Staff Role	Text		No		Staff Member's Role (Curator, Department Head, etc.)
Exhibitions Staff	Phone Number	Number		No		Staff Member's Phone Number
Exhibitions Staff	Office Number	Text		Yes		Staff Member's Office Number
Exhibitions Staff	Email Address	Text		No		Staff Member's Email Address
Location	Room Number	Text	x	No		Room number
Location	Building	Text	x	No		Building name
Location	Location Name	Text		Yes		Name of location if exists (for example, May Gallery)

Exhibition	Exhibition ID	Text	x	No		Unique ID assigned to the Exhibition
Exhibition	Exhibition Title	Text		No		Title of the exhibition
Exhibition	Staff ID	Relation		No	Exhibitions Staff	Main staff contact for exhibition
Exhibition	Start Date	Date		No		Date Exhibition Starts
Exhibition	End Date	Date		No		Date Exhibition Ends
Exhibition	Exhibition Status	List		No		Exhibition Status (Being Assembled, Active, Being Disassembled, Complete)
Exhibition	Exhibition Description	Text		Yes		Detailed Description of the exhibition
Active Artifact Location	Artifact ID	Relation	x	No	Artifact	Artifact's ID
Active Artifact Location	Room Number	Relation		No	Location	Room Number where artifact is held
Active Artifact Location	Building	Relation		No	Location	Building where artifact is held
Active Artifact Location	Date Moved to Location	Date		No		Date artifact was put on location
Former Artifact Location	Artifact ID	Relation	x	No	Artifact	Artifact's ID
Former Artifact Location	Room Number	Relation		No	Location	Room Number where artifact is held
Former Artifact Location	Building	Relation		No	Location	Building where artifact is held
Former Artifact Location	Date Moved to Location	Date	x	No		Date artifact was put on location
Former Artifact Location	Date Removed	Date		No		Date artifact was removed from location

Artifacts on Exhibition	Artifact ID	Relation	x	No	Artifact	Artifact's ID
Artifacts on Exhibition	Exhibition ID	Relation	x	No	Exhibition	Exhibition's ID
Exhibition Locations	Exhibition ID	Relation	x	No	Exhibition	Exhibition's ID
Exhibition Locations	Room Number	Relation	x	No	Location	Exhibition Location Room Number
Exhibition Locations	Building	Relation	x	No	Location	Exhibition Location Building

Exhibitons Staff (entity)

Attributes: First Name, Last Name, Staff Role, Staff ID (key), Office Number, Phone Number, Email Address

Artifact (entity)

Attributes: Artifact Description, Artifact ID (key), Artifact Type, Catalog System, Catalog Number

Exhibition (entity)

Attributes: Exhibition ID (key), Exhibition Description, Exhibition Title, Exhibition Status, End Date, Start Date

Location (entity)

Attributes: Location Name, Date Removed, Room Number (key), Building (key)

Relationships

Exhibitons Staff —1— **Is Primary Contact For** —N— Exhibition

Exhibition —N— **Artifacts On Exhibition** —N— Location

Artifact —N— **Active Artifact Location** —1— Location
- Active Artifact Location: Date Moved to Location

Artifact —N— **Former Artifact Location** —N— Location
- Former Artifact Location: Date Moved to Location, Date Removed