Database Driven Browser Application
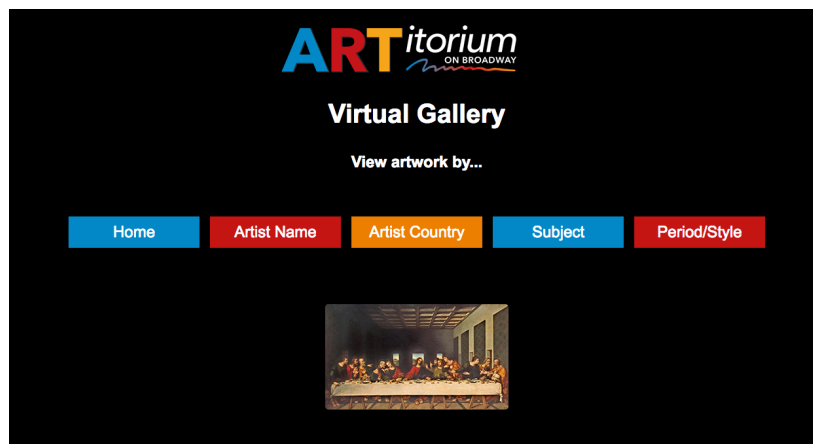
In response to a request to have a virtual gallery, web based, database application with a CMS for client editing and additions; we welcome you to the Virtual Gallery.

art.ceiwebdev.com

The owner/manager of the gallery, invited our students in to research the needs she had for a virtual, large touch-screen, gallery. Users could search by a variety of different criteria including keywords/subjects associated with each artwork. Current keywords/Subject entries that are a part of the database include: *people, landscape, girl, blue, flower, and woman*.

Users would be able to touch (click) a thumbnail image and it would fill the screen and they could see more information about the artwork and be able to zoom in on the image.

The owner also requested a user-friendly, back-end CMS where she could add, edit, or delete her own database information (artists, artwork, keywords, etc).

art.ceiwebdev.com/admin/main.php

This portion of the application was not available to the public and would only be used by an admin such as the owner This portion requires a login: (**Username: admin and Password: ArtAdmin202!**) Do not give this login info to students.

ARTitorium ON BROADWAY

Virtual Gallery Content Management System

Username: admin

Password: ••••••••••••

Log in

Here she could add, edit, or delete, artist or artwork.

ARTitorium ON BROADWAY

Manage Artwork Entries

Add New Artwork   Return to Main CMS Menu

Order by: title [ ] Ascending [ ] Change

Title	Year	Period	Type	Location	Donated	File		
Beach Baby	1999	Modern	Water Color	Gill Gallery		beachbaby.jpg	EDIT	DELETE
Head of a Woman	1508	High Renaissance	Oil paint	Galleria Nazionale di Parma		headwoman.jpg	EDIT	DELETE
Hillside Stream	2005	Modern	Oil			hillsidestream.jpg	EDIT	DELETE
Irises	1889	Impressionism	Oil	J. Paul Getty Museum		irises.jpg	EDIT	DELETE
Mona Lisa	1517	Renaissance	oil	Louvre		monalisa.jpg	EDIT	DELETE
Old Barn	1992	Modern	Oil			oldbarn.jpg	EDIT	DELETE
Old Guitarist	1904	Modern	Oil	Art Institute of Chicago		guitarist.jpg	EDIT	DELETE
Sunflowers	1888	Post-impressionism	Oil on Canvas	London National Gallery		sunflowers.jpg	EDIT	DELETE
The Last Supper	1498	Renaissance	tempra on gesso, pitch, and mastic	Santa Maria delle Grazie		lastsupper.jpg	EDIT	DELETE
The Night Watch	1642	Baroque	oil on canvas	Amsterdam Museum		nightwatch.jpg	EDIT	DELETE
The Starry Night	1889	Post-Impressionism	oil	Museum of Modern Art		starrynight.jpg	EDIT	DELETE
The Storm on the Sea of Galilee	1633	Dutch Golden Age	Oil paint	Isabella Stewart Gardner Museum		stormgalilee.jpg	EDIT	DELETE
Women in the Garden	1866	Impressionism	Oil	Musee d-Orsay		womengarden.jpg	EDIT	DELETE

ARTitorium ON BROADWAY

Virtual Gallery Content Management System

Add New Artist   Return to Main CMS Menu

Order by: name [ ] Ascending [ ] Change

First Name	Middle Name	Last Name	Date of Birth	Date of Death	Country	Local		
Venture	Lonzo	Coy	1965	0	United States	y	EDIT	DELETE
Leonardo		da Vinci	1452	1519	Italy		EDIT	DELETE
Deborah		Gill	1970	0	United States	y	EDIT	DELETE
Claude		Monet	1840	1926	France		EDIT	DELETE
Pablo		Picasso	1904	1973	Spain	n	EDIT	DELETE
Vincent		van Gogh	1853	1890	France		EDIT	DELETE
Rembrandt	Harmenszoon	van Rijn	1606	1669	Netherlands		EDIT	DELETE

This is the relational database setup (there is also a login table as well):

Artist
- artist_id
- name
- dob
- dod
- country
- local (y/n)

Artwork
- artwork_id
- artist_id
- title
- year
- period
- description
- type
- location
- donated
- file

KeyBridge
- keyb_id
- keyword_id
- artwork_id

Keyword
- keyword_id
- keyword