

# **THE ART CONNOISSEURS**

**A Dynamic Web Application for aspiring Picasso's**

## **REQUIREMENTS AND DESIGN DOCUMENT**

*Submitted by*

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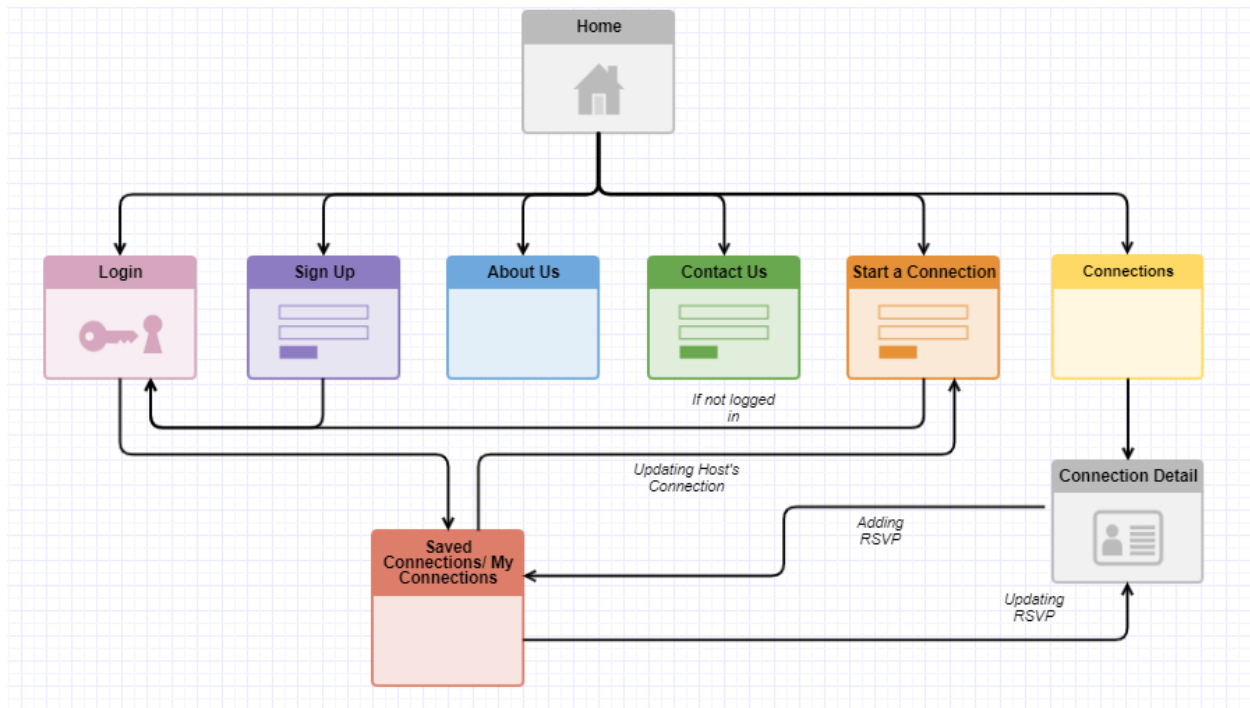
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**Project Overview:**

The vision of Art Connoisseurs is to bring back the artistic glory of our ancestors through an apt learning platform that celebrates art and artists. The objective of the application is to provide users with the details of list of professional art programs offered and to allow users with expertise to host such programs. Anyone can access the Home page, About Us page, Contact Us page and the Connections list and their corresponding information. But only an authenticated user can create a connection, modify a connection, delete the connection, and also provide the particular art program with their RSVP. A user is considered an authentic user if he/she access the application through a login process by specifying their registered userId and password. To become an authenticated user, every guest user must fill out the registration form. In short, the Art Connoisseurs is a place to learn various forms of art and to connect with people who share a passion for art.

## Site Map:

A sitemap is a diagram or list that helps you plan your website. It should contain all the website pages in a way that shows how the user is going to access them, starting with the homepage and branching out to include all the subpages.



**Page Design:**

The requirements of each page in the web application is listed in this section

**Views common to all pages:**

- **Header:**

The header section consists of the web application's title in the banner tag. It also consists of the applications logo.

- **Footer:**

The footer section consists of the Copyright section and social media icons such as YouTube, Pinterest, Facebook and Twitter. All of these are included as an unordered list.

**Navigations common to all pages:**

The application has a site navigation bar with hyperlinks to Connections, About Us and Contact Us and user specific navigation bar with hyperlinks to Start a connection Login/ My Connections and Sign Up/Signout. The logo in the header navigates to the home or the index page.

## Home

Name of the page: index.ejs

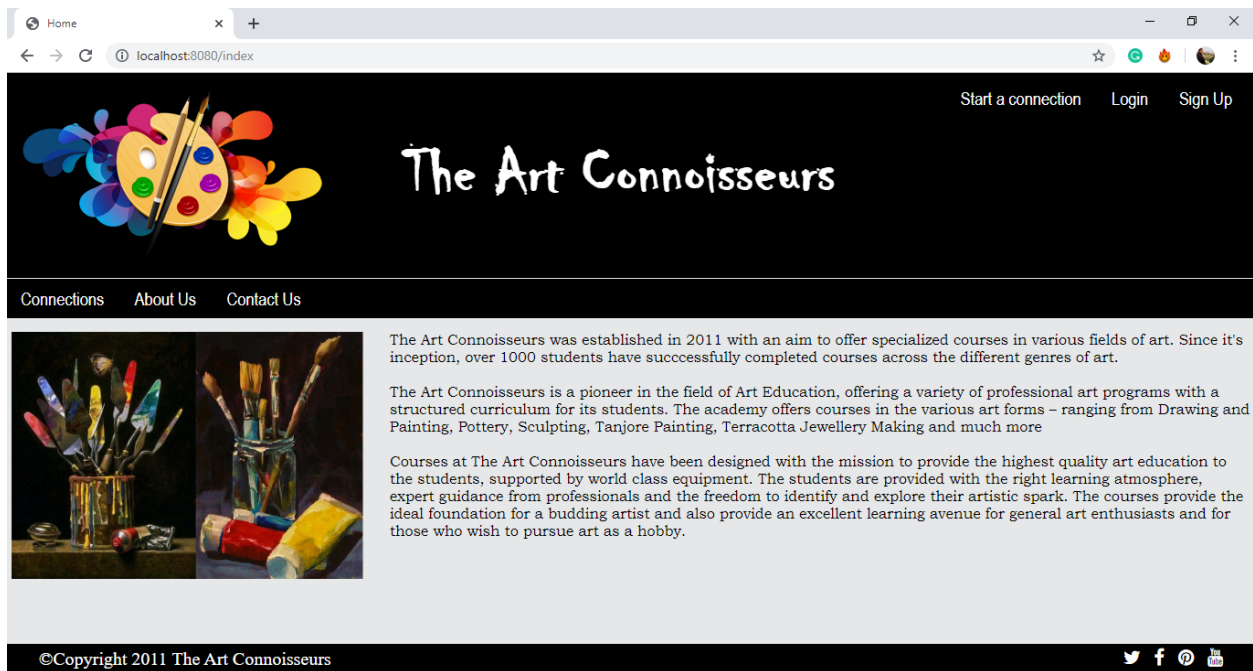
Purpose of the page: This is the home page, the starting point for the application from which the user navigates to various pages.

Audience of the page: This page is accessible to both guest users and authorized users.

Data Field: The data in this page is not dynamic. A static text is displayed using <p> tag and the image using the <img> with resources in the /assets/images folder.

Validations: This page doesn't require any validation as it just displays a text information

Navigations: No page specific navigation



## About Us

Name of the page: about.ejs

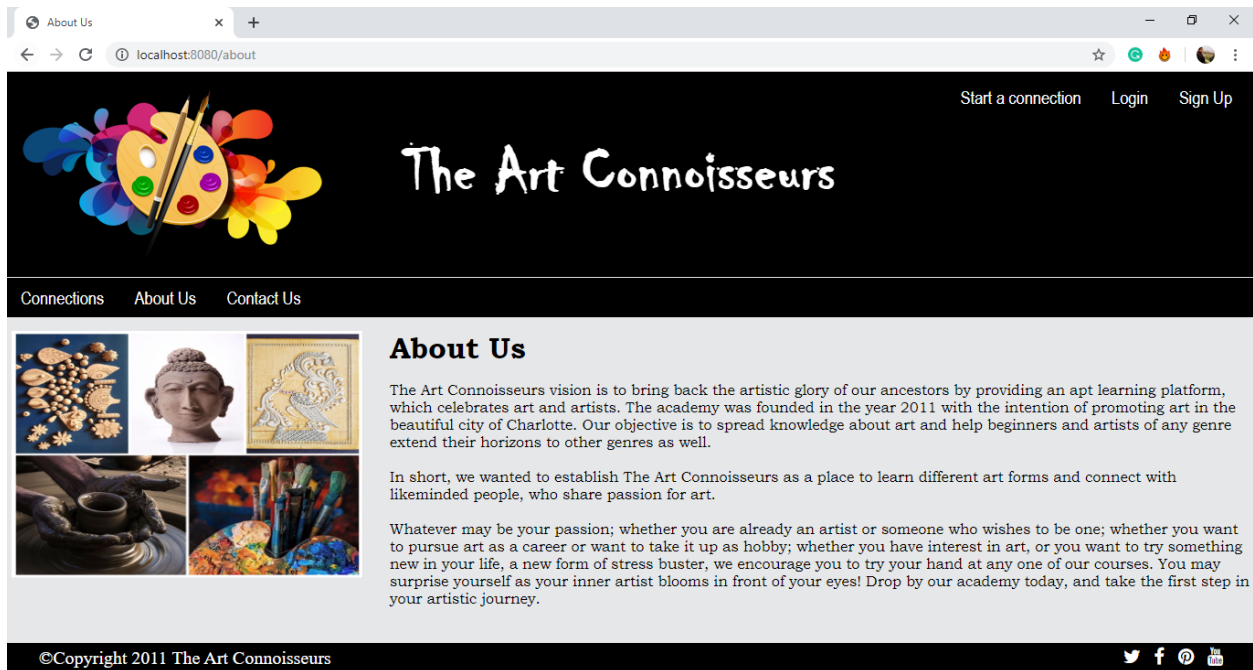
Purpose of the page: This page describes about the application

Audience of the page: This page is accessible to both guest users and authorized users.

Data Field: The data in this page is not dynamic. A static text is displayed using <p> tag and the image using the <img> with resources in the /assets/images folder.

Validations: This page doesn't require any validation as it just displays a text information

Navigations: No page specific navigation



## Contact Us

Name of the page: contact.ejs

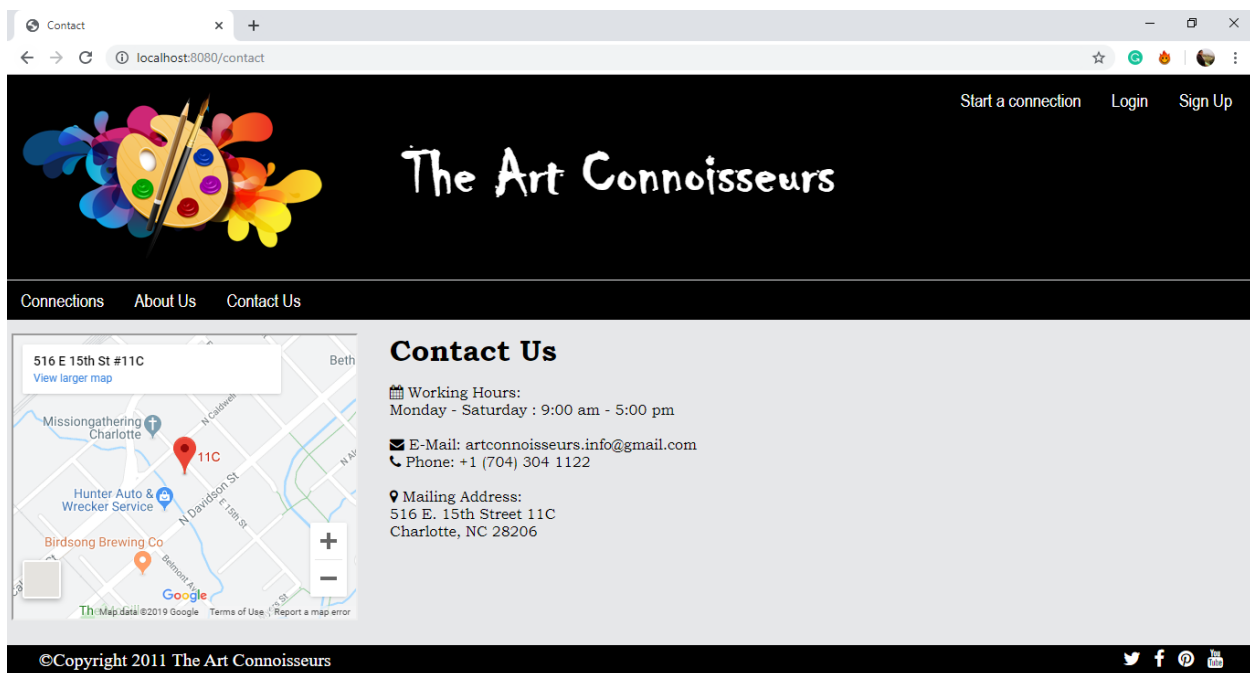
Purpose of the page: This page provides information on the application's contact details and their working hours

Audience of the page: This page is accessible to both guest users and authorized users.

Data Field: The data in this page are only static. The contact details are displayed using <p> tag. Google Maps is embedded in this page by using Google Maps API and <iframe> tag.

Validations: This page doesn't require any validation as it just displays the contact information

Navigations: No page specific navigation





## Connections

Name of the page: connections.ejs

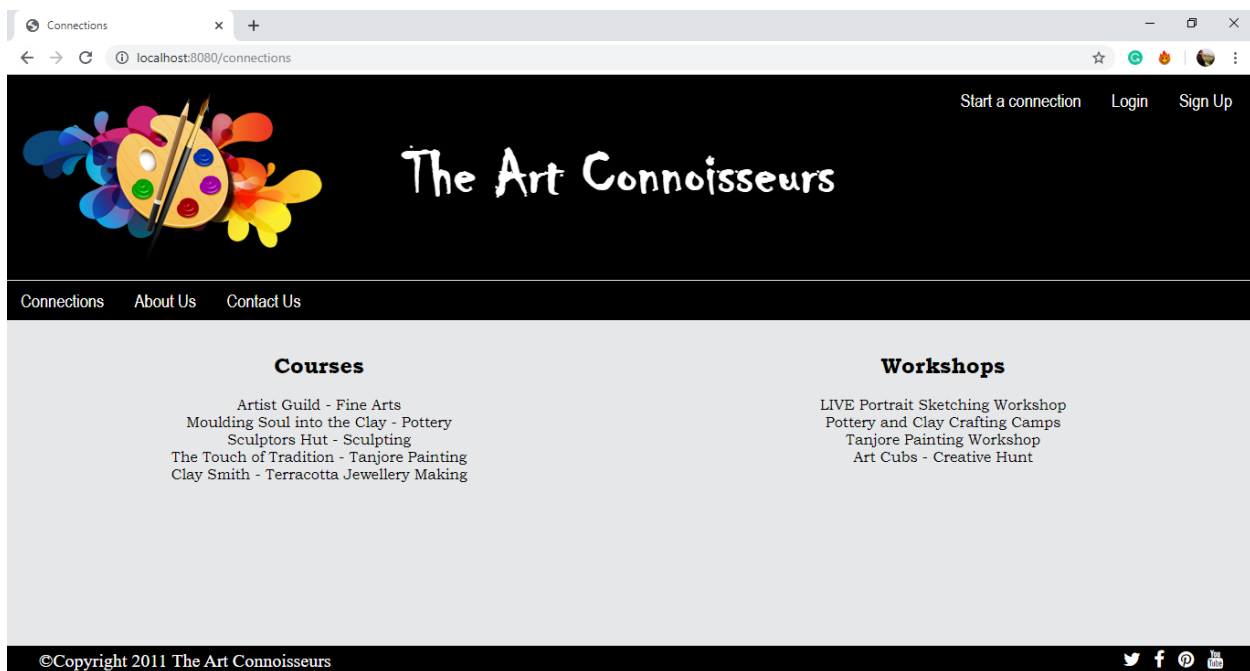
Purpose of the page: This page displays all the professional art programs offered by the application

Audience of the page: This page is accessible to both guest users and authorized users.

Data Field: All categories and their corresponding connections displayed dynamically from the database. Each category connection is displayed as an unordered list <ul>.

Validations: The data is set dynamically with the help of session variables

Navigations: There are hyperlinks for each connection and clicking on them will navigate to the relevant connection detail page based on the connection id.



## Connection Detail

Name of the page: connection.ejs

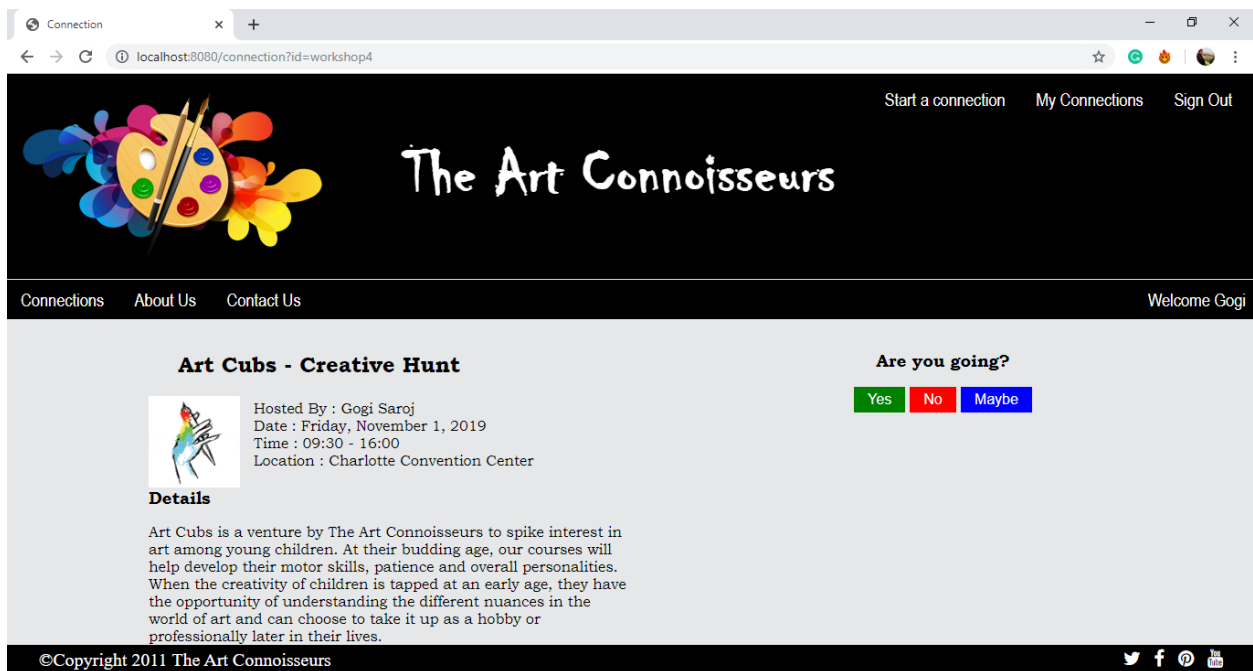
Purpose of the page: This page shows the specifics of each connection and rsvp buttons

Audience of the page: This page is accessible to both guest users and authorized users.

Data Field: This page displays the date, time, location, host and information about a connection. These details are populated in this page dynamically from database. This page has three buttons apart from the connection specifics, namely Yes, No and Maybe.

Validations: The data is fetched based on the connection id from the connections collection in database.

Navigations: By clicking on these buttons, the authorized users navigate to their saved connections page where this connection and its corresponding rsvp gets added to the user's rsvpiid connections table. When RSVP is attempted by a guest user, it will direct them to the Login page.



## Login

Name of the page: login.ejs

Purpose of the page: This page allows authorized users to login to the application

Audience of the page: Registered or Authorized users

Data Field: This page contains a form with username as text input and password. It also has a submit button named Login

Validations: The username and password are posted as form data using POST method. The application checks whether the username exists in the users collection in the database and the entered password matches the one in database.

Navigation: On successful validation, the user is logged into the application and redirected to My Connections page. If validation fails, the errors are displayed on the same page.

The screenshot shows a web browser window with the address bar displaying 'localhost:8080/login'. The page features a dark header with a colorful logo of a paint palette and the text 'The Art Connoisseurs'. Navigation links include 'Start a connection', 'Login', 'Sign Up', 'Connections', 'About Us', and 'Contact Us'. The main content area is light gray and contains an 'Account Login' form with 'Username' and 'Password' input fields and a 'Login' button. The footer shows '©Copyright 2011 The Art Connoisseurs' and social media icons.

## Sign Up

Name of the page: signup.ejs

Purpose of the page: The page enables the guest users to create an account for the application

Audience of the page: Unregistered or Guest users

Data Field: This page contains a form with text input for fields like First name, Last name, Email, User ID, Address, City, State, Zip code and country. It also has a password field with input type password and a submit button named Register

Validations: All the fields in the form are posted as form data using POST method. The application checks if the user id already exists in the database. A new user entry is created in the users collection in the database if the user id is not already present. Validations for each field in the sign up form is done before they are posted. For example, the password field should be an alphanumeric and minimum of 6 characters long.

Navigation: On successful sign up, the user is directed to the login page for them to login to the application. If validation fails, the errors are displayed on the same page.

Sign Up

localhost:8080/signup

Start a connection Login Sign Up

The Art Connoisseurs

Connections About Us Contact Us

Please fill in this form to create an account

Name: First Name Last Name

Email: Email ID User ID: Enter user id

Address: Street Address Line 1

Street Address Line 2

City State/Province

Postal/Zip Code Country

Password: Enter Password

Register

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## Start a connection

Name of the page: newConnection.ejs

Purpose of the page: This page enables the authorized users to create a connection (i.e) professional art program

Audience of the page: Registered or Authorized users

Data Field: This page contains a form with text input for fields like Category, Connection ID, Connection name, Location. Host is prepopulated with the name of the user logged in. The form also contains date field, time field and a text area to write a description of the connection and a submit button named Create Connection.

Validations: All the fields in the form are posted as form data using POST method. The application checks if the connection id already exists in the database. A new connection entry is created in the connections collection in the database if the connection id is not already present. Validations for each field in the create new connection form is done before they are posted. For example, all the fields are checked if they contain some valid value(say minimum number of characters).

Navigation: On successful creation of connection, the application is redirected to the connections page. If validation fails, the errors are displayed on the same page.

Create Connection

localhost:8080/newConnection

Start a connection My Connections Sign Out

The Art Connoisseurs

Connections About Us Contact Us Welcome Gogi

Topic:  Topic Id:

Name:  Host:

When:

Where:

From:  To:

Details:

Create Connection

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## **Saved Connections/My Connections**

Name of the page: savedConnections.ejs

Purpose of the page: This page is user specific and contains the user's RSVPed connections and the connections they own.

Audience of the page: Registered or Authorized users

Data Field: This page contains two tables to list the RSVPed connections of the user and the connections they are the owner of. Update and Delete buttons are available for each connection in both tables. The RSVPed connections and owning connections are displayed dynamically from the userconnections collection and connections collection respectively in the database.

Validations: The data is set dynamically with the help of session variables. The connections are retrieved from the database based on user id and user name respectively.

Navigation:

- RSVPed Connections table:

Clicking the update button navigates to the corresponding connection detail page based on connection id. The RSVP status can be changed as per the user's wish. Clicking on the delete button deletes the connection from the table. These changes reflect in the userconnections collection in database.

Saved Connections x +

localhost:8080/savedConnections/myConnections

Start a connection My Connections Sign Out

# The Art Connoisseurs

Connections About Us Contact Us Welcome Gogi

**Gogi's RSVP'd Connections**

Connection	Category	RSVP	
The Touch of Tradition - Tanjore Painting	Courses	No	<a href="#">Update</a> <a href="#">Delete</a>
Sculptors Hut - Sculpting	Courses	Yes	<a href="#">Update</a> <a href="#">Delete</a>

**Connections hosted by Gogi**

Connection	Category	
Art Cubs - Creative Hunt	Workshops	<a href="#">Update</a> <a href="#">Delete</a>

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- Owning Connections table:

Clicking on the update button navigates to the prepopulated new connections form where the user can make changes to the connection details. Fields Topic Id and Host cannot be altered. Clicking on the delete button removes the art program from the application thus reflecting in the Connections page. Changes made in this section reflect in the connections collection in database.

Create Connection x +

localhost:8080/newConnection?con=[\_id:"5df30a49a03650eb80b24e71","id":"workshop4","name":"Art%20Cubs%20-%20Creative%20Hunt","category":"Workshops",...

Start a connection My Connections Sign Out

# The Art Connoisseurs

Connections About Us Contact Us Welcome Gogi

Topic: Workshops Topic Id: workshop4

Name: Art Cubs - Creative Hunt Host: Gogi Saroj

When: 11/02/2019

Where: Charlotte Convention Cen

From: 09:30 AM To: 04:00 PM

Details: Art Cubs is a venture by The Art Connoisseurs to spike interest in art among young children. At their budding age, our courses will help develop their motor skills, patience and overall

[Update Connection](#)

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## ER Diagram:

MongoDB is used to store the application data

Database: artConnoisseurs      Collections: users, connections & userconnections

