ITELEC#C –BACK-END FRAMEWORKS FOR WEB APPLICATIONS DEVELOPMENT

FINAL PROJECT PROPOSAL

SECTION: 4-ITF

PROJECT TITLE: ArtConnect – Online Community for Creative Sharing

PROJECT DESCRIPTION:

Many young artists possess remarkable talent but struggle to find the right platform to showcase their work or learn from others. Existing social media platforms are often overcrowded, making it difficult for small creators to stand out, gain meaningful feedback, or engage in collaborative learning.

ArtConnect is a web application designed to bridge this gap by providing a dedicated space for artists, students, and hobbyists. The platform allows users to share their artworks, discover and appreciate others' creations, and exchange knowledge on artistic techniques. With its focus on community-driven learning, feedback, and collaboration, ArtConnect empowers emerging artists by making art education and appreciation more accessible.

By fostering connections within a supportive community, ArtConnect aims to nurture creativity, improve visibility for aspiring artists, and create opportunities for artistic growth and collaboration.

TARGET USERS:

- Students and hobbyists learning arts

- Emerging artists who want to share their work

- Communities interested in art and culture

KEY FEATURES AND FUNCTIONALITY
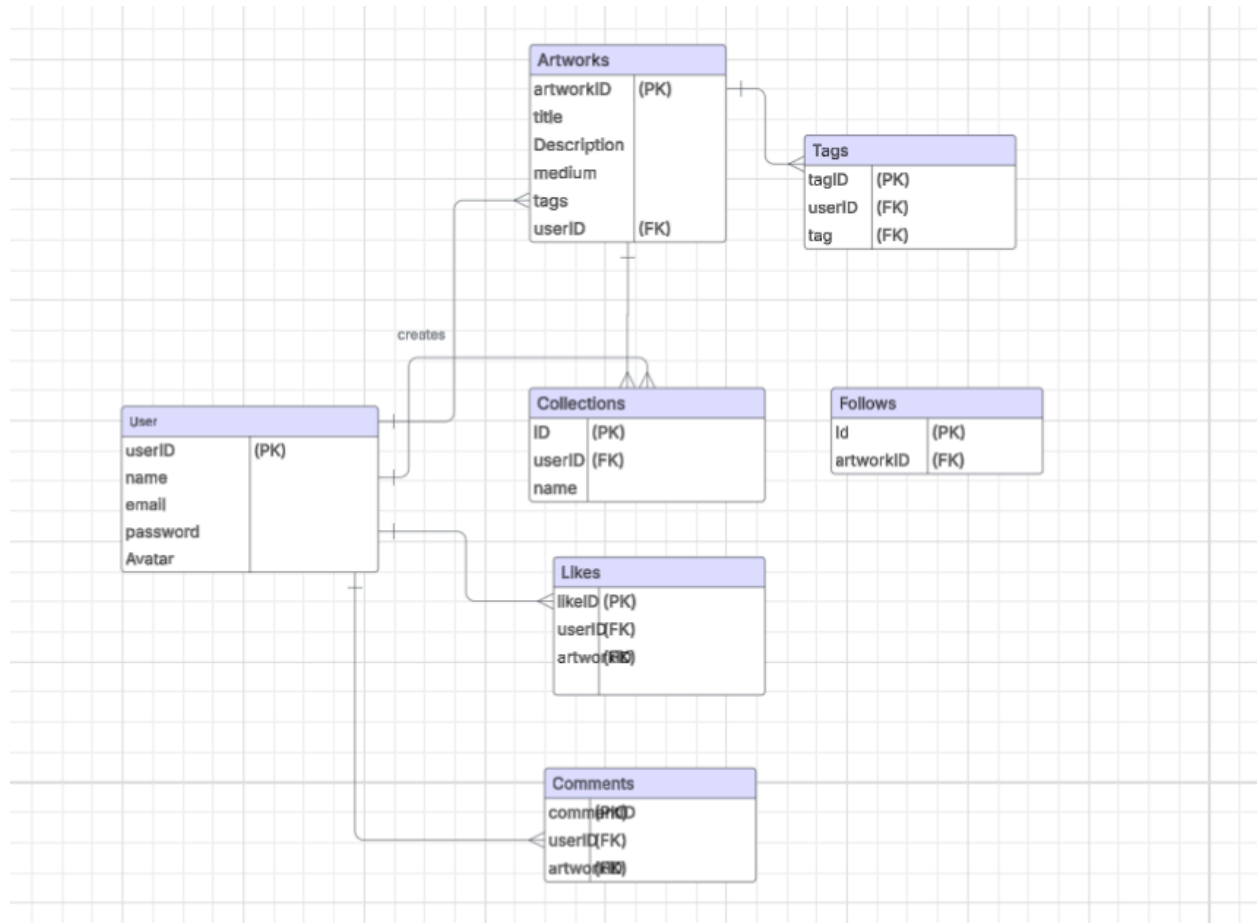
- Artist profile pages

- Upload and showcase artworks

- Comment and feedback section for peer reviews

- Categories (painting, photography, digital art, crafts, etc.)

- "Learn" section with short tips/tutorials from peers

SUSTAINABLE DEVELOPMENT GOALS (SDG) ALIGNMENT:

Selected SDG(s):

- **SDG 4: Quality Education** – Promotes learning and sharing of artistic skills and knowledge.

- **SDG 11: Sustainable Cities and Communities** – Builds an inclusive online space where culture and creativity are preserved and celebrated.

DATABASE DESIGN (BRIEF):

Artworks

artworkID	(PK)
title	
Description	
medium	
tags	
userID	(FK)

Tags

tagID	(PK)
userID	(FK)
tag	(FK)

User

userID	(PK)
name	
email	
password	
Avatar	

creates

Collections

ID	(PK)
userID	(FK)
name	

Follows

Id	(PK)
artworkID	(FK)

Likes

likeID	(PK)
userID	(FK)
artworkID	(FK)

Comments

commentID	(PK)
userID	(FK)
artworkID	(FK)

MOCK-UP PAGE SCREENSHOT(S):

ArtConnect
Online Community for Creative Sharing

Artworks

Art1
samantha43
4 comments

Art2
albert34
4 comments

Art3
riziK34
4 comments

ArtConnect
Online Community for Creative Sharing

Learn
Tips and Tutorials shared by the community

Search for tutorials

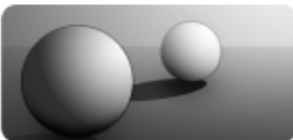
Oil Paint Strokes
by David R.

5mins

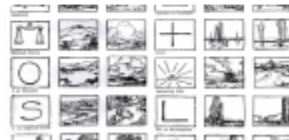### How to Sketch a Face
by Emily S.

7mins

Color Grading Basics
by Mark T.

10mins

Creating Depth with Light
by Jane L.

15mins

Compositions Tips for Beginners
by Alex W.

9mins

Shadow Drawings
by Albert C.

5mins

ArtConnect
Online Community for Creative Sharing

Home   Learn   Categories

Log In

Categories
browse by medium

Popular   Newest   Tutorials   Challenges

Painting
1,250 posts

Drawing
567 posts

Photography
400 posts

Crafts
856 posts

Sculpture
163 posts

Calligraphy
682 posts

MEMBERS : Marcus Allen R. Saoi
            Nomar Yram R. Dugenia
            Rizi Kweyd C. Gonzales