MEMO

DATE: February 23, 2021
TO: Cambria Art Gallery Development Teams
FROM: Leonard

SUBJECT: Development Guidelines

DUE: March 2, 2021

SQL Chapters needed to complete this task:
SQL 10: Using DDL Statements to Create and Manage Tables (CREATE TABLE)
SQL 11: Creating Other Schema Objects (CREATE VIEW)

- STATE ANY ASSUMPTIONS YOU HAVE MADE
- CHECK YOUR WORK TO ASSURE IT IS CORRECT
- IF YOU ARE UNABLE TO ACCOMPLISH ANY PART OF THIS TASK, THIS MUST BE STATED AT THE BEGINNING OF YOUR SUBMISSION. NO PARTIAL CREDIT WILL BE GIVEN FOR THIS TASK IF IT CAN BE EASILY DETERMINED THAT YOU HAVE SUBMITTED WORK THAT IS INCORRECT.
- CHECK YOUR SCRIPT TO ASSURE YOUR CODE MATCHES YOUR ERA DIAGRAM.

TASK 4:   **Artwork Item Sale Table, Artwork Item Service Table, and Artist Table**

1. Creating Tables:
    a. The attributes of the Artwork Item Sale table should be determined from the business documents.
    b. The attributes of an Artwork Item Service Table include the following: Primary Key (e.g., ItemID or ArtworkID as you have used in the other artwork table), Title, Art Category (Painting, Ceramic, Photo, Print, Other), and Short Description. All attributes in this table are required. Restrict Art Category to the set of categories shown.
    c. EXTRA CREDIT: For the Artist table, Artist ID, Artist Name, Artist Category (painter, photographer, ceramicist, printer, other), Location, Years of profession (1900 to 1950, 1700 to 1789 … to do this I ask that you have two attributes Start Year of Profession and End Year of Profession, make these Number(4), make Start Year required, End Year optional), and Description. The artist ID is the primary key. Artist name is required. Artist category is also required and restricted to the five categories listed. Description is required. A work of art can be associated with only one artist but may not be associated with any artists. An artist may be associated with many works of art or none at all.

2. Data:
    Data will be added to these tables as described in Memos 5 and 6

3. Quality Control Check List:
    a. Include reasonable / suggested PRIMARY KEY, UNIQUE, CHECK, NOT NULL constraints.
    b. Reference integrity as appropriate

Submission:

SCRIPT consisting of the following:

Comment statements with the names of your team members, etc

DROP TABLE
CREATE TABLE(s)