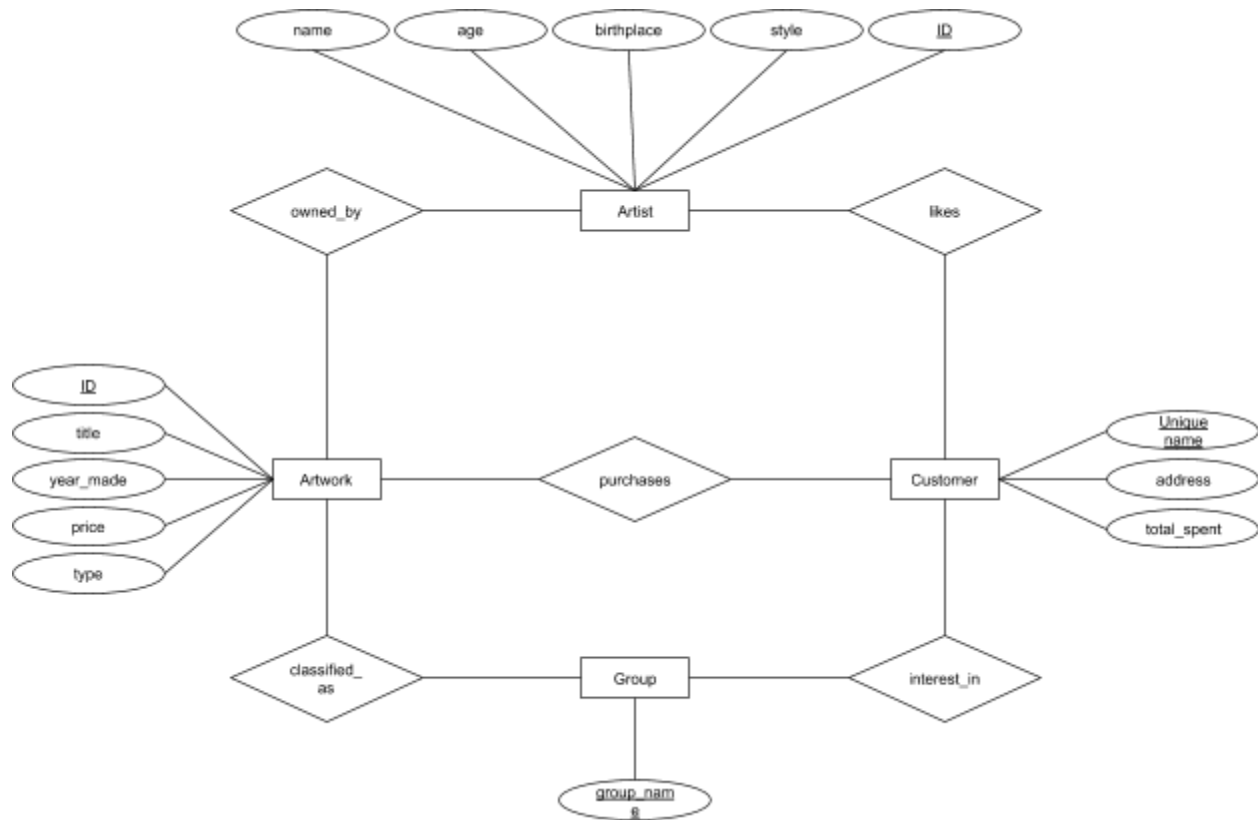


1. Draw the ER diagram:



2. Please translate this ER diagram to a corresponding relational model.

- a. Artwork(**Artwork_ID: String**,
title: String,
year_made: Integer,
price: Decimal,
Art_type: String)

Artwork_ID	title	year_made	price	art_type
ABCDE	"Starry Night"	1206	1,000,000,000	painting

- b. Artist(**Artist_ID: String**,
style: String,
birthplace: String,
age: Integer,
name: String)

Artist_ID	style	birthplace	age	name
FGHIJ	impressionism	Mars	116	Vincent van Gogh

- c. Customer(**unique_name: String**,
address: String,
total_spent: Decimal)

unique_name	address	total_spent
Carlitos Salazar	1123 Rock St., Pluto	1,000,000,000

- d. Group(**group_name: String**)

group_name
12 th Century

- e. owned_by(**Artist_ID: String**,
Artwork_ID: String)

Artist_ID	Artwork_ID
FGHIJ	ABCDE

- f. likes(**Artist_ID: String**,
CustomerUnique_name: String)

Artist_ID	CustomerUnique_name
FGHIJ	Carlitos Salazar

- g. interested_in(**CustomerUnique_name: String**,
group_name: String)

CustomerUnique_name	group_name
Carlitos Salazar	12 th Century

- h. classified_as(**Artwork_ID: String**,
group_name: String)

Artwork_ID	group_name
ABCDE	12 th Century

- i. purchases(**Artwork_ID: String**,
CustomerUnique_name: String)

Artwork_ID	CustomerUnique_name
ABCDE	Carlitos Salazar