Draw EER diagram for the following requirements for an art museum

- The museum has a collection of **ART_OBJECTs**. Each ART_OBJECT has a unique IdNo, an Artist (if known), a Year (when it was created, if known), a Title, and a Description.

- ART_OBJECTs are categorized based on their type. There are three main types: PAINTING, SCULPTURE and STATUE, plus another type called OTHER to accommodate objects that do not fall into one of the three types

- A **PAINTING** has a PaintType (oil, watercolor,etc), material on which it is DrawnOn (paper, canvas, wood, etc), and Style (modern, abstract, etc)

- A **SCULPTURE** has a Material from which it was created (wood, stone, etc), Height, Weight and Style

- An art object in the **OTHER** category has a Type (print, photo, etc) and Style

- ART_OBJECTs are also categorized as **PERMANENT_COLLECTION** that are owned by the museum (which has information on the DateAcquired, whether it is OnDisplay or stored, and Cost) or **BORROWED**, which has information on the Collection (from which it was borrowed), DateBorrowed, and DateReturned

- ART_OBJECTs also have information describing their country/ culture using information on country/ culture of Origin (italian, Egyptian, American, Indian, etc), Epoch (Renaissance, Modern, Ancient, etc)

- The museum keeps track of **ARTISTs** information, if known: Name, DateBorn, DateDied (if not living), CountryOfOrigin, Epoch, MainStyle, Description. The Name is assumed to be unique.

- Different **EXHIBITIONs** occur, each having a Name, StartDate, EndDate, and is related to all art objects that were on display during the exhibition

- Information is kept on other **COLLECTIONs** with which the museum interacts, including Name (unique), Type (museum, personal, etc), Description, Address, Phone and current ContactPerson

State any assumptions you made