

ENSF 300 – Software Engineering Practices for Data Management



GitHub Group Name:

Anonymous

Lab and Group Section:

ENSF 300 L02 – D2L Group 39

Students Information:

Muneeb Ali; 30147888; muneeb.ali1@ucalgary.ca

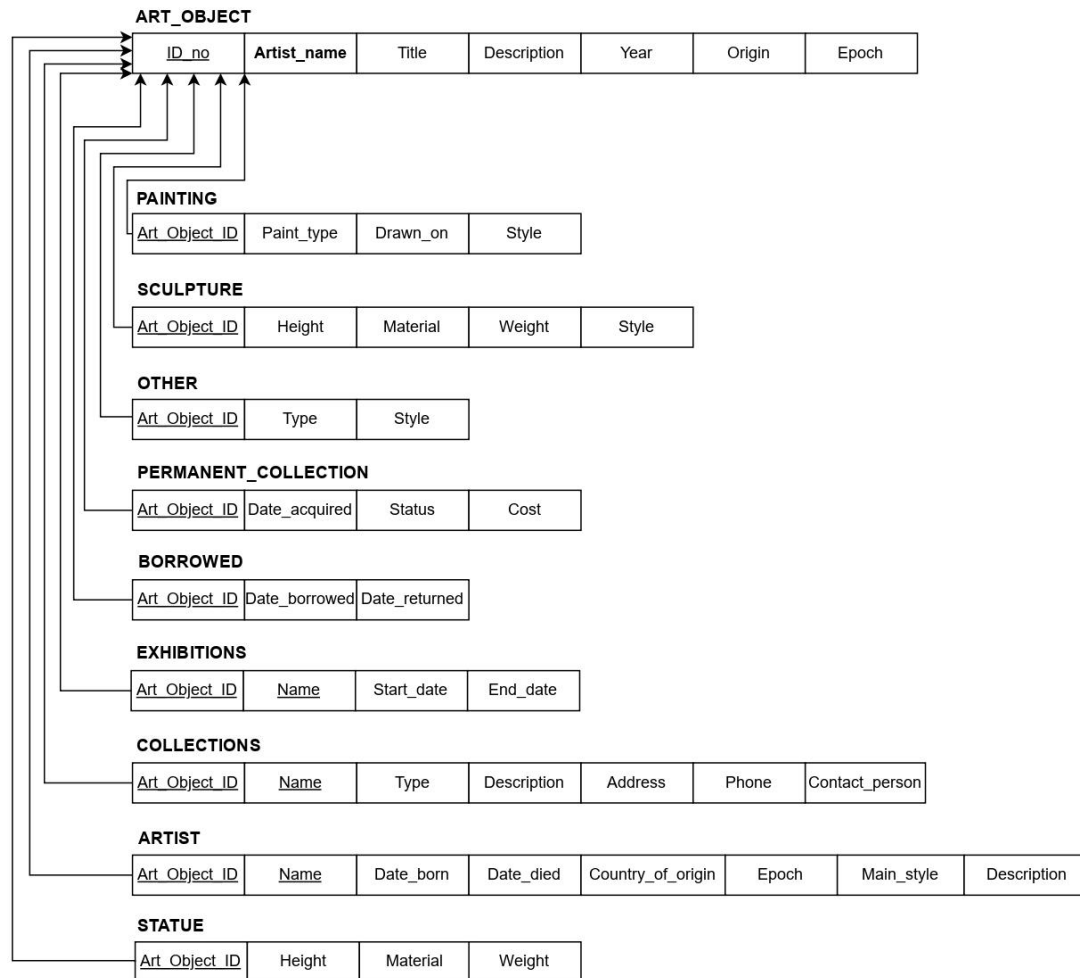
Qazi Ali; 30142452; qazi.ali@ucalgary.ca

Muhammad Rehan Chaudhary; 30158432; muhammadrehan.chaudh@ucalgary.ca

Nikita Williams; 30143759; nikita.williams@ucalgary.ca

Link to Final Project Repository:

<https://github.com/Maan-Khedr-ENSF-300/museum-project-anonymous>



Description:

According to the information provided, the team was able to examine the complexities, and as a result, team was able to compile a list of the essential descriptive details for a range of entities and attributes. Correspondingly, the team originally intended to write down the attributes of the entities. Moreover, those attributes were then combined within the table for each entity and the next thing was the relation connection. To deliver the best version, the relational schema was also consistently refined by further distinguishing the distinctive features of the keys.

The primary key associated from the “ART_OBJECT” to the rest made it a major entity that needs a special key property. Therefore, ART_OBJECT_ID was used as a foreign key in the rest of the entities to build a direct connect with the art object. For example, COLLECTIONS can only be defined if the art object is present. This is because the COLLECTIONS is how the museum interacts and ART_OBJECT is required for that.