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### **MAU Logical Model Assumptions:**

“Exhibit” is equivalent to “display”, and means the display of one single artwork for a period of time in a gallery, as recorded in Sample MAU GalleryDisplayReport.

An exhibit (display) cannot exist without a gallery and an artwork.

The column “Featured in catalog” can be either a Yes or a No for every entry.

Artist name in the Sample MAU GalleryDisplayReport is depicted as a simple attribute and is treated as such in the Normalization.

Values for the “Featured in Catalogue” column are Yes or No, therefore the exhibit\_artwork\_in\_cat attribute was assumed to be a mandatory attribute in the logical model.

### **MAU ERD Assumptions carried on from Assessment1A:**

A gallery may have 0 to many exhibits.

An exhibit generates 0 to many sales.

A customer may purchase 0 to many artworks. When they first sign up to be a MAU customer, they would have purchased 0 artworks.

An artist may recommend 0 to many other artists to MAU.

An artwork may undergo 0 or 1 sale.

MAU want to keep track of the styles and media in which artworks are made. A media or style can only exist if it is used in an artwork that MAU already holds.

We treat each sale as a sale of 1 artwork only. If a customer buys more than 1 artwork at the same exhibit, it will be recorded as more than 1 sale.

A media or style is only created / added when there is an artwork created in that style.

MAU would like to store the media and styles used by artist in their database.

The art number (art\_no) and artist code (artist\_code) make up the primary key for the ARTWORK identity.

Galleries may request 0 to many artworks in advance for the same or different exhibits.

An artwork can be requested by many galleries for the same or different exhibits.

MAU would like to store requests for artworks. This is because a gallery might want to request an item again, or request another item instead of one that has been sold.