

Database Design

Potential tables

customer

purchase

artist

address

works / paintings

phone

category

medium

person

Potential 1
table design

customer info

name

purchase

address

Normal Forms

1 NF - every table should be organized into rows with primary keys uniquely identifying them
data in a column must be atomic

2 NF

2 4NF - all non-key columns on the table should depend on and only on the primary rows should be atomic

3 NF - eliminate all transitive dependencies for columns