**1 NF**

|  |  |
| --- | --- |
| **Column Name** | **Description** |
| custno | Composite Key |
| cust\_name |  |
| cust\_addr |  |
| cust\_phone |  |
| artist\_id | Composite Key |
| artist\_name |  |
| art\_code | Composite Key |
| art\_title |  |
| pur\_date | Composite Key |
| price |  |

**2 NF**

Table customer

|  |  |
| --- | --- |
| **Column Name** | **Description** |
| custno | Primary Key |
| cust\_name |  |
| cust\_addr |  |
| cust\_phone |  |

Table artist

|  |  |
| --- | --- |
| **Column Name** | **Description** |
| artist\_id | Primary Key |
| artist\_name |  |

Table art

|  |  |
| --- | --- |
| **Column Name** | **Description** |
| art\_code | Primary Key |
| art\_title |  |

Table purchase

|  |  |
| --- | --- |
| **Column Name** | **Description** |
| custno | Composite Key |
| artist\_id | Composite Key |
| art\_code | Composite Key |
| pur\_date | Composite Key |
| price |  |

**3NF**

Table customer

|  |  |
| --- | --- |
| **Column Name** | **Description** |
| custno | Primary Key |
| cust\_name |  |
| cust\_addr |  |
| cust\_phone |  |

Table artist

|  |  |
| --- | --- |
| **Column Name** | **Description** |
| artist\_id | Primary Key |
| artist\_name |  |

Table art

|  |  |
| --- | --- |
| **Column Name** | **Description** |
| art\_code | Primary Key |
| art\_title |  |
| artist\_id | Foreign Key |

Table purchase

|  |  |
| --- | --- |
| **Column Name** | **Description** |
| custno | Composite Key |
| art\_code | Composite Key |
| pur\_date | Composite Key |
| price |  |