George Lounsbery-Scaife

Database Design and Implementation – Assignment #1

Museum Database Design

ARTWORKS

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Title** | **Year** | **Artist** | **Type** | **Location Created** | **Room** |
| Saint Jerome in the Wilderness | 1490 | Leonardo da Vinci | Painting | Florence | 101 |
| Mona Lisa | 1503 | Leonardo da Vinci | Painting | Florence | 102 |
| The Dance Class | 1876 | Edgar Degas | Painting | Paris | 201 |
| Little Dancer Aged Fourteen | 1881 | Edgar Degas | Sculpture | Paris | 201 |
| The Boating Party | 1894 | Mary Cassatt | Painting | Paris | 202 |
| The Bow | 1973 | Isamu Noguchi | Sculpture | New York | 301 |

CREATE



ARTISTS

CONTAIN



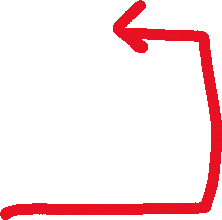
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **First Name** | **Last Name** | **Born** | **Died** | **Nationality** |
| Leonardo | da Vinci | 1452 | 1519 | Italian |
| Edgar | Degas | 1834 | 1917 | French |
| Mary | Cassatt | 1844 | 1926 | American |
| Isamu | Noguchi | 1904 | 1988 | American |

ROOMS



|  |  |  |  |
| --- | --- | --- | --- |
| **Room Number** | **Number of Artworks** | **Avg. Daily Visitors** | **Security Guard** |
| 101 | 5 | 350 | John Doe |
| 102 | 4 | 500 | John Doe |
| 201 | 8 | 1000 | Susan Smith |
| 202 | 3 | 400 | Susan Smith |
| 301 | 4 | 500 | Mike Wu |

GUARD



SECURITY GUARDS

|  |  |  |
| --- | --- | --- |
| **Name** | **Job Title** | **Salary** |
| John Doe | Senior Guard | $50,000 |
| Susan Smith | Junior Guard | $50,000 |
| Mike Wu | Junior Guard | $40,000 |