**Relational Schema**

1. **User Table.**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **User\_id** | **user\_name** | **user\_gender** | **user\_username** | **user\_password** | **user\_designation** | **user\_cnic** | **user\_hiredate** | **user\_deptid** |
| 1 | Daniel Stevens | Male | dstevens0 | 2BmQaZthn | Head of Department | 573-79-1487 | 12-Feb-2006 | 1 |
| 2 | Kimberly Larson | Female | klarson1 | YAKufCerj | Director | 573-79-1245 | 23-Aug-2007 | 3 |

1. **UserDepartment 3- Items**

|  |  |  |
| --- | --- | --- |
| Dept\_id | Dept\_name | Dept\_address |
| 1 | Administration | 340 Golf View Trail |
| 2 | Purchase | 4605 Twin Pines Street |

|  |  |  |  |
| --- | --- | --- | --- |
| item\_id | item\_name | price | item\_description |
| 1 | A4 White Sheets Pack | 1000 | Dollar Manufacturers |
| 2 | Calculator | 3000 | Casio |
| 0 | Ruler | 15 | Goldfish |

1. **Requisition 5- Requisition Description**

|  |  |  |
| --- | --- | --- |
| rd\_item\_id | rd\_quantity | rd\_id |
| 1 | 4 | 10 |
| 1 | 7 | 3 |
| 1 | 8 | 6 |
| 2 | 10 | 12 |
| 2 | 3 | 12 |

|  |  |  |
| --- | --- | --- |
| req\_id | req\_user\_id | approved\_by |
| 1 | 1 | 1 |
| 2 | 2 | 2 |

1. **Quotation**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| quotation\_id | quotation\_vendor\_id | quotation\_req\_order | min\_order | price | discount |
| 1 | 1 | 1 | 20 | 200 | 50 |
| 2 | 2 | 1 | 100 | 500 | 25 |
| 3 | 3 | 1 | 40 | 700 | 10 |

1. **Vendor**

|  |  |  |
| --- | --- | --- |
| vendor\_id | Vendor\_name | vendor\_address |
| 1 | EAF Fine Home | 0 Crest Line Park |
| 1 | Bowne and Co. Stationers | Meadow Valley Hill |

1. **PurchaseOrder**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| purchase\_order\_id | requisition\_id | vendor\_id | shippingaddress | date\_generated | quotation\_id |
| 1 | [1](https://upload.wikimedia.org/wikipedia/commons/9/91/Oscar_Wilde%2C_1882.jpg) | 1 | '48 Manley Way' | '05-Dec-2015' | 22 |
| 2 | [2](https://upload.wikimedia.org/wikipedia/commons/0/00/Alan_McNicoll.JPG) ‎ | 2 | '78 Scott Plaza' | '11-Sep-2015' | 24 |

1. **Purchase Order Description**

|  |  |  |
| --- | --- | --- |
| pod\_order\_id | pod\_item\_id | pod\_quantity |
| 1 | 4 | 10 |
| 1 | 7 | 3 |
| 1 | 8 | 6 |
| 2 | 10 | 12 |
| 2 | 3 | 12 |

1. **Invoice**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| invoice\_id | invoice\_purchaseorder | invoice\_date | invoice\_shipto | invoice\_billto | invoice\_user\_id | invoice\_vendorid | invoice\_total | invoice\_totalquantity |
| 1 | **1** | 05-Feb-2016 | 05359 Susan Place | 05359 Susan Place | 1 | 2 | 1000 | 25 |
| 2 | **2** | 19-Jun-2015 | 75 Cody Pass | 75 Cody Pass | 2 | 2 | 1500 | 35 |

1. **Invoice Description**

|  |  |  |
| --- | --- | --- |
| id\_order\_id | id\_item\_id | id\_item\_quantity |
| 1 | 4 | 10 |
| 1 | 7 | 3 |
| 1 | 8 | 6 |
| 2 | 10 | 12 |
| 2 | 3 | 12 |