4)

Table 3: Sample Rows for the Big Order Database Table

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **OrdNo** | **ItemNo** | **QtyOrd** | **CustNo** | **CustBal** | **CustDisc** | **ItemPrice** | **OrdDate** |
| O1 | I1 | 10 | C1 | 100 | 0.10 | 10 | 1/15/2014 |
| O1 | I2 | 10 | C1 | 100 | 0.10 | 20 | 1/15/2014 |
| O2 | I3 | 5 | C2 | 200 | 0.05 | 30 | 1/16/2014 |
| O2 | I4 | 10 | C2 | 200 | 0.05 | 40 | 1/16/2014 |
| o3 | I1 | 10 | C1 | 100 | 0.10 | 10 | 1/17/2014 |

*OrdNo*FDs and sample rows that falsify the FDs. The rows refer to the sample data above.

|  |  |
| --- | --- |
| **FD** | **Falsifications** |
| *OrdNo* → *ItemNo* | (1,2), (3,4) |
| *OrdNo* → *QtyOrd* | (3,4) |
| *OrdNo* → *CustNo* | None |
| *OrdNo* → *CustBal* | None |
| *OrdNo* → *CustDisc* | None |
| *OrdNo* → *ItemPrice* | (1,2), (3,4) |
| *OrdNo* → *OrdDate* | None |