**Sample Reports**

**Sample Customer Order Report:**

**SQL Query:**

**1. SELECT** co.ORDERNO, co..DATE, c.CUSTOMERNO, c.CUSTOMER\_NAME, c.CUSTOMER\_ADDRESS, c.CITY\_ST\_ZIP

**FROM** Customer c, Customer\_Order co

**WHERE** c.CUSTOMERNO = co.CUSTOMERNO

AND co.ORDERNO = 51436

**Output:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ORDERNO | DATE | CUSTOMERNO | CUSTOMER\_NAME | CUSTOMER ADDRESS | CITY\_ST\_ZIP |
| 51436 | 11/26/2018 | 1673 | Larry’s Bargains | 1300 Pine St. | Norfolk, VA 23510 |

**2. SELECT** p.PRODUCTNO, p.DESCRIPTION, co.QTY\_ORDERED, p.UNIT\_PRICE

**FROM** Customer\_Order co, Product\_Data p

**WHERE** co.PRODUCTNO = p.PRODUCTNO

AND co.ORDERNO = 51436

**Output:**

|  |  |  |  |
| --- | --- | --- | --- |
| PRODUCTNO | DESCRIPTION | QTY\_ORDERED | UNIT PRICE |
| R316 | END TABLE | 3 | 300.00 |
| M195 | BOOKSHELF | 1 | 200.00 |
| C217 | HUTCH | 2 | 500.00 |
| B421 | CORNER CABINET | 5 | 100.00 |

**Sample Customer Account Report:**

**SQL Query:**

**SELECT** co. CUSTOMERNO, c.CUSTOMER\_NAME, c.CUSTOMER\_ADDRESS, c.CITY\_ST\_ZIP, ca.YTD\_PURCHASES, ca.CREDIT\_LIMIT, ca. OUTSTANDING\_ BALANCE, ca.DISCOUNT%

**FROM** Customer c, Customer\_Account ca

**WHERE** c.CUSTOMERNO = ca.CUSTOMERNO

AND c.CUSTOMERNO = 1673

**Output:**

|  |  |
| --- | --- |
| CUSTOMERNO | 1673 |
| CUSTOMER\_ NAME | Furniture Man |
| CUSTOMER\_ ADDRESS | 146 Park St. |
| CITY\_ST\_ZIP | Norfolk, VA 23511 |
| YTD\_PURCHASES | 23,457.31 |
| CREDIT\_LIMIT | 15,000.00 |
| OUTSTANDING\_ BALANCE | 2,467.21 |
| DISCOUNT% | 7% |

**Sample Product Data Report**

**SQL Query:**

**SELECT** PRODUCTNO, DESCRIPTION, LOCATION, QTY\_ON\_HAND, REORDER\_PT, SCHEDULED\_RECEIPTS, REORDER\_QTY, QTY\_BACKORDERED, UNIT\_PRICE, FINISH

**FROM** Product\_Data

**WHERE** PRODUCTNO = C217

**Output:**

|  |  |
| --- | --- |
| PRODUCTNO | C217 |
| DESCRIPTION | HUTCH |
| LOCATION | 146 Park St. |
| QUANTITY\_ON\_HAND | 21 |
| REORDER\_PT | 12 |
| SCHEDULED\_RECEIPTS | 31 |
| REORDER\_QTY | 35 |
| QTY\_BACKORDERED |  |
| UNIT\_PRICE | 500.00 |
| FINISH | MAHOGANY |

**Sample Customer Invoice Report**

**SQL Query:**

**1. SELECT** ci.INVOICENO, ci.DATE, ci.ORDERNO, c.CUSTOMERNO, c.CUSTOMER\_NAME, c.CUSTOMER\_ADDRESS, c.CITY\_ST\_ZIP

**FROM** Customer c, Customer\_Order ci, Customer\_Order co

**WHERE** c.CUSTOMERNO = co.CUSTOMERNO

AND co.ORDERNO = ci.ORDERNO

AND ci.INVOICENO = 07314

**Output:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| INVOICENO | DATE | ORDERNO | CUSTOMERNO | CUSTOMER\_NAME | CUSTOMER ADDRESS | CITY\_ST\_ZIP |
| 07314 | 11/27/2018 | 23461 | 1739 | Bob’s Furniture | 149 Elm St. | Norfolk, VA 23518 |

**2. SELECT** p.PRODUCTNO, p.DESCRIPTION, co.QTY\_ORDERED, ci.QTY\_SHIPPED, ci.QTY\_BACKORDERED, ci.UNIT\_PRICE, TOTAL Price

**FROM** Customer\_Invoice ci, Customer\_Order co, Customer\_Account

**WHERE** co.PRODUCTNO = p.PRODUCTNO

AND co.ORDERNO = ci.ORDERNO

AND ci.INVOICENO = 07314

**Output:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| PRODUCTNO | DESCRIPTION | QTY\_ORDERED | QTY\_SHIPPED | QTY\_BACKORDERED | UNIT PRICE | TOTAL\_PRICE |
| R214 | COFFEE TABLE | 7 | 7 |  | 250.00 | 1750.00 |
| M367 | OPEN SHELF | 3 | 3 |  | 50.00 | 150.00 |

**3. SELECT** SUM(ci.TOTAL\_PRICE), ca.DISCOUNT%, ca.DISCOUNT%\* SUM(ci.TOTAL\_PRICE), SUM(TOTAL\_PRICE) – (DISCOUNT%\* SUM(TOTAL\_PRICE))

**FROM** Customer\_Invoice ci, Customer\_Order co, Customer\_Account ca

**WHERE** co.CUSTOMERNO = ca. CUSTOMERNO

AND co.ORDERNO = ci.ORDERNO

AND ci.INVOICENO = 07314

**Output:**

|  |  |
| --- | --- |
| SUM(TOTAL\_PRICE) | 1900.00 |
| DISCOUNT% | 4% |
| DISCOUNT%\* SUM(TOTAL\_PRICE) | 76.00 |
| SUM(TOTAL\_PRICE)- DISCOUNT%\* SUM(TOTAL\_PRICE) | 1824.00 |

**Sample Bill of Materials Report**

**SQL Query:**

**1. SELECT** PRODUCTNO, DESCRIPTION

**FROM** PRODUCT\_DATA

**WHERE** PRODUCTNO = R471

**Output:**

|  |  |
| --- | --- |
| PRODUCTNO | DESCRIPTION |
| R471 | CONSOLE TABLE |

**2. SELECT** PARTNO, PART\_DESC, QTY\_USED, LOCATION, CODE

**FROM** Bill\_of\_Materials

**WHERE** PRODUCTNO = R471

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PARTNO | DESCRIPTION | QTY\_USED | LOCATION | CODE |
| 145678 | TOP | 1 | B | 1 |
| 234875 | BACK | 1 | A | 1 |
| 398742 | SIDE | 2 | D | 1 |
| 542316 | SHELF | 2 | D | 1 |
| 94562 | BOLTS, 1.75 in | 10 | C | 2 |
| 75863 | SCREW, 1.5 in | 26 | C | 2 |

**Sample ROUTING Report**

**SQL Query:**

**1. SELECT** PRODUCTNO, DESCRIPTION

**FROM** PRODUCT\_DATA

**WHERE** PRODUCTNO = L162

**Output:**

|  |  |
| --- | --- |
| PRODUCTNO | DESCRIPTION |
| L162 | SLEIGH BED |

**2. SELECT** r.OPERATIONNO, r.OPER\_DESC, wc.WORK\_CENTER, r.SETUP\_TIME, r.STD\_OPER\_TIME

**FROM** Routing r, Work\_Center\_Capacity wc

**WHERE** wc.WC\_ID = r.WC\_ID

ANDr.PRODUCTNO = L162

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| OPERATIONNO | OPER\_DESC | WORK\_CENTER | SETUP\_TIME | STD\_OPER\_TIME |
| 010 | CUT SIDES (2) | RADIALS | 0.30 | 0.10 |
| 020 | CUT FRONT | RADIALS | 0.20 | 0.15 |
| 030 | CUT BACK | RADIALS | 0.40 | 0.20 |
| 040 | CUT BOTTUM LIP | RADIALS | 0.10 | 0.05 |
| 050 | SAND PARTS | SANDERS | 0.30 | 0.05 |
| 060 | ASSEMBLE | ASSEMBLY | 0.20 | 0.35 |
| 070 | FINISH | FINISHING | 0.10 | 0.50 |

**Sample Work Center Report**

**SQL Query:**

**1. SELECT** WORK\_CENTER, CAPACITY, LOAD, %CAP, WEEK\_NO

**FROM** Work\_Center\_Capacity

**WHERE** WORK\_CENTER IN (‘SANDERS’,’ASSEMBLY’)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| WORK\_CENTER | CAPACITY | LOAD | %CAP | Week\_NO |
| SANDERS | 85 | 72 | 84.7 | WEEK 1 |
| SANDERS | 85 | 78 | 91.8 | WEEK 2 |
| SANDERS | 85 | 66 | 77.6 | WEEK 3 |
| SANDERS | 85 | 92 | 108.2 | WEEK 4 |
| ASSEMBLY | 90 | 94 | 104.4 | WEEK 1 |
| ASSEMBLY | 90 | 72 | 80.0 | WEEK 2 |
| ASSEMBLY | 90 | 88 | 97.8 | WEEK 3 |
| ASSEMBLY | 90 | 103 | 114.4 | WEEK 4 |

**Sample Job Status Report**

**SQL Query:**

**1. SELECT** j.JOB\_NO, j.PRODUCTNO, wc.WORK\_CENTER , j.DUE DATE, j.EST\_COMP

**FROM** Job\_Status j, Work\_Center\_Capacity wc

**WHERE** j.WC\_ID = wc.WC\_ID

AND j.PRODUCTNO IN (‘M137’,’L235’, ‘R246’, ‘S037’)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| JOB\_NO | PRODUCT\_NO | CURRENT\_WORK\_CENTER | DUE\_DATE | EST\_COMP |
| 1564 | M137 | FINISHING | 114 | 120 |
| 1497 | L235 | RADIALS | 94 | 90 |
| 1327 | R246 | SANDERS | 54 | 54 |
| 1984 | S037 | ASSEMBLY | 60 | 65 |