Date: December 3, 2012

From: James Brooks

Re: Final Project, CST324, Oracle Portion Screen Shots, Deko database  
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Introduction**

I’ve captured various screen shots from my Oracle Express 10g rendering of the Deko database as part of my response to the CST324 Final Project Assignment.

**Model**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | |  | | --- | | EMPLOYEES | | |  | | |  | | --- | | [PERSONS](http://127.0.0.1:8080/apex/f?p=4500:2103:6879004665390257:GETOBJECT:NO:RP:OB_OBJECT_ID:16225) [EVALUATIONS](http://127.0.0.1:8080/apex/f?p=4500:2103:6879004665390257:GETOBJECT:NO:RP:OB_OBJECT_ID:16218) | |  |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |  |

**Employees Table**

Select \*

From Employees;

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **EMPLOYEEID** | | **HIREDATE** | **CITY** | | **STATE** | **SALARY** | **HEALTHINSURANCE** |
| 1 | | 01-JAN-84 | Kansas City | | MO | 95000 | HMO |
| 2 | | 01-JAN-84 | Kansas City | | MO | 100000 | HDHP |
| 3 | | 01-JAN-86 | Columbus | | OH | 99000 | HDHP |
| 4 | | 01-MAY-86 | Dallas | | TX | 81500 | HDHP |
| 5 | | 01-JAN-87 | Ft Worth | | TX | 88000 | HDHP |
| 6 | | 01-JUL-87 | Houston | | TX | 81400 | HDHP |
| 7 | | 01-APR-88 | Cleveland | | OH | 90000 | HDHP |
| 8 | | 08-MAY-88 | Omaha | | NE | 90000 | HMO |
| 9 | | 01-JAN-89 | Columbus | | OH | 80500 | HMO |
| 10 | | 01-JAN-89 | Springfield | | IL | 71000 | HDHP |
| 11 | | 01-JAN-90 | Santa Fe | | NM | 76000 | HDHP |
| 12 | | 01-JAN-91 | Cincinnati | | OH | 71400 | HDHP |
| 13 | | 01-MAY-92 | Flagstaff | | AZ | 71000 | HMO |
| 14 | | 01-MAY-92 | Nashville | | TN | 60500 | HMO |
| 15 | | 01-JAN-93 | Springfield | | IL | 61000 | HDHP |
| 16 | | 01-APR-93 | St Paul | | MN | 67900 | HDHP |
| 17 | | 08-MAY-93 | Nashville | | TN | 69500 | HDHP |
| 18 | | 01-JUL-93 | Santa Fe | | NM | 60000 | HDHP |
| 19 | | 01-MAY-94 | Milwaukee | | WI | 58500 | HMO |
| 20 | | 01-JUL-94 | Phoenix | | AZ | 59900 | HMO |
| 21 | | 01-JAN-95 | Memphis | | TN | 58500 | HDHP |
| 22 | | 01-JUL-96 | St Paul | | MN | 51500 | HDHP |
| 23 | | 01-JAN-97 | Gallup | | NM | 51000 | HMO |
| 24 | | 01-JAN-98 | Austin | | TX | 49990 | HDHP |
| 25 | | 01-JAN-98 | Lincoln | | NE | 48500 | HDHP |
| 26 | | 01-JAN-99 | Omaha | | NE | 48900 | HDHP |
| 27 | | 01-MAY-00 | Des Moines | | IA | 48000 | HDHP |
| 28 | | 08-MAY-01 | Des Moines | | IA | 40500 | HDHP |
| 29 | | 01-APR-02 | Rogers | | AR | 40500 | HMO |
| 30 | | 01-JAN-03 | Cleveland | | OH | 36000 | HDHP |
| 31 | | 01-AUG-03 | Kansas City | | MO | 81000 | HDHP |
| 32 | | 01-APR-04 | Wichita | | KS | 92000 | HMO |
| 33 | | 01-JUL-05 | Kansas City | | KS | 30500 | HDHP |
| 34 | | 01-JUL-06 | Milwaukee | | WI | 57900 | HDHP |
| 35 | | 01-JAN-10 | Cleveland | | OH | 32000 | HMO |
| 36 | | 01-AUG-11 | Lenexa | | KS | 29500 | HDHP |
| 36 rows returned in 0.05 seconds | | |

**Persons Table**

Select \*

From Persons;

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **PERSONID** | | **EMPLOYEEID** | **RELATIONSHIP** | | **FIRST** | **LAST** | **BIRTHDATE** |
| 1 | | 1 | Self | | Hugh | Matlin | 09-OCT-89 |
| 2 | | 1 | Spouse | | Grace | Matlin | 20-APR-71 |
| 3 | | 1 | Child | | Jacob | Matlin | 06-OCT-12 |
| 4 | | 1 | Child | | Jaqueline | Matlin | 02-MAY-01 |
| 5 | | 1 | Child | | Jason | Matlin | 15-AUG-09 |
| 6 | | 1 | Child | | Jeff | Matlin | 15-JUL-07 |
| 7 | | 2 | Self | | Max | Crews | 09-JAN-90 |
| 8 | | 2 | Spouse | | Mary | Crews | 03-DEC-73 |
| 9 | | 2 | Child | | Ethan | Crews | 27-OCT-05 |
| 10 | | 2 | Child | | Grace | Crews | 19-OCT-07 |
| 11 | | 3 | Self | | Gwen | Griffiths | 13-JUN-82 |
| 12 | | 3 | Spouse | | Timothy | Griffiths | 17-AUG-62 |
| 13 | | 4 | Self | | Rob | Hayword | 21-FEB-53 |
| 14 | | 5 | Self | | Mandy | Anholt | 04-FEB-61 |
| 15 | | 5 | Spouse | | Mark | Anholt | 08-FEB-71 |
| 16 | | 5 | Child | | Alexander | Anholt | 11-AUG-06 |
| 17 | | 5 | Child | | Amy | Anholt | 29-MAY-11 |
| 18 | | 5 | Child | | Aaron | Anholt | 29-MAR-04 |
| 19 | | 5 | Child | | Ashley | Anholt | 09-OCT-04 |
| 20 | | 6 | Self | | Peg | Whitestone | 28-AUG-52 |
| 21 | | 6 | Spouse | | Brian | Whitestone | 06-JUN-60 |
| 22 | | 6 | Child | | Noah | Whitestone | 04-AUG-01 |
| 23 | | 6 | Child | | Jessica | Whitestone | 30-OCT-10 |
| 24 | | 7 | Self | | Danny | Hoy | 26-JUN-76 |
| 25 | | 7 | Spouse | | Tiffany | Hoy | 29-MAY-89 |
| 26 | | 7 | Child | | Daniel | Hoy | 17-FEB-01 |
| 27 | | 8 | Self | | Ashely | Fant | 30-JUL-51 |
| 28 | | 9 | Self | | Brian | Berthier | 17-SEP-60 |
| 29 | | 9 | Spouse | | Heather | Berthier | 27-JUL-57 |
| 30 | | 9 | Child | | Anthony | Berthier | 11-SEP-01 |
| 31 | | 9 | Child | | Rachel | Berthier | 05-JAN-08 |
| 32 | | 10 | Self | | Lars | Brewster | 11-JUN-94 |
| 33 | | 11 | Self | | Harold | Jordan | 09-JAN-50 |
| 34 | | 11 | Spouse | | Julie | Jordan | 31-AUG-67 |
| 35 | | 11 | Child | | Sophia | Jordan | 28-DEC-02 |
| 36 | | 11 | Child | | Danielle | Jordan | 08-FEB-10 |
| 37 | | 11 | Child | | Emily | Jordan | 17-JAN-08 |
| 38 | | 11 | Child | | Melissa | Jordan | 02-MAR-11 |
| 39 | | 12 | Self | | Horace | Bove | 04-OCT-69 |
| 40 | | 12 | Spouse | | Teresa | Bove | 29-OCT-78 |
| 41 | | 12 | Child | | Emma | Bove | 25-MAR-00 |
| 42 | | 12 | Child | | Kelsey | Bove | 18-MAR-06 |
| 43 | | 13 | Self | | William | Bottoms | 29-MAY-91 |
| 44 | | 13 | Spouse | | Annette | Bottoms | 14-FEB-85 |
| 45 | | 13 | Child | | Oliva | Bottoms | 28-JUL-09 |
| 46 | | 13 | Child | | Heather | Bottoms | 28-MAY-04 |
| 47 | | 14 | Self | | Daisy | Hamill | 16-OCT-68 |
| 48 | | 15 | Self | | Pierre | Kemp | 04-NOV-49 |
| 49 | | 16 | Self | | Ryan | Tilden | 04-SEP-94 |
| 50 | | 17 | Self | | Cliff | Davidson | 08-JUN-67 |
| 51 | | 17 | Spouse | | Sandy | Davidson | 18-FEB-95 |
| 52 | | 17 | Child | | Chloe | Davidson | 24-JUL-12 |
| 53 | | 17 | Child | | Michael | Davidson | 03-JUN-07 |
| 54 | | 17 | Child | | Mia | Davidson | 22-MAR-06 |
| 55 | | 17 | Child | | Jason | Davidson | 20-APR-02 |
| 56 | | 18 | Self | | Mia | LeFors | 09-DEC-92 |
| 57 | | 19 | Self | | Francisco | Greene | 17-FEB-65 |
| 58 | | 20 | Self | | Oliver | Cargill | 23-JUN-66 |
| 59 | | 21 | Self | | George | Redmond | 13-MAR-75 |
| 60 | | 22 | Self | | Ida | Gallaudet | 15-JUN-75 |
| 61 | | 23 | Self | | Lance | Convy | 23-DEC-53 |
| 62 | | 24 | Self | | Garth | Stern | 03-AUG-78 |
| 63 | | 24 | Spouse | | Marie | Stern | 15-OCT-87 |
| 64 | | 25 | Self | | Thomas | Duncan | 04-APR-75 |
| 65 | | 26 | Self | | Lionel | Thomas | 18-SEP-90 |
| 66 | | 27 | Self | | Alan | Thornberry | 12-DEC-53 |
| 67 | | 28 | Self | | Phyllis | Fletcher | 13-SEP-77 |
| 68 | | 29 | Self | | Marco | Verraros | 27-JUL-62 |
| 69 | | 30 | Self | | Jorge | Chaney | 01-MAY-51 |
| 70 | | 31 | Self | | Ngyen | Wann | 11-JAN-78 |
| 71 | | 31 | Spouse | | Leigh | Wann | 29-MAR-73 |
| 72 | | 31 | Child | | Justin | Wann | 09-OCT-12 |
| 73 | | 31 | Child | | Timothy | Wann | 27-JUL-06 |
| 74 | | 32 | Self | | Kyo | Clerc | 05-JAN-63 |
| 75 | | 32 | Spouse | | Dawn | Clerc | 26-JUN-72 |
| 76 | | 32 | Child | | Lisa | Clerc | 20-JUL-11 |
| 77 | | 32 | Child | | Sarah | Clerc | 31-JAN-02 |
| 78 | | 33 | Self | | Lou | Gary | 23-MAR-78 |
| 79 | | 34 | Self | | Evelyn | Bell | 17-MAY-84 |
| 80 | | 34 | Spouse | | Richard | Bell | 02-MAY-52 |
| 81 | | 34 | Child | | Samantha | Bell | 11-OCT-05 |
| 82 | | 35 | Self | | Judith | Keller | 20-DEC-72 |
| 83 | | 36 | Self | | Walter | Glover | 02-SEP-77 |
| 83 rows returned in 0.00 seconds | | |

**Evaluations Table**

Select \*

From Evaluations;

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **EVALUATIONID** | | **EMPLOYEEID** | **EVALUATIONDATE** | | **OVERALL\_RATING** | **PERFOMANCE** | **ATTENDANCE** | **PROFESSIONALISM** | **LEADERSHIP** | **COMMENTS** |
| 1 | | 3 | 21-JAN-11 | | 2.8 | 3 | 4 | 2 | 2 | Needs better communication with peers |
| 2 | | 7 | 06-MAY-12 | | 4.3 | 4 | 5 | 4 | 4 | Ready for promotion |
| 3 | | 27 | 27-SEP-12 | | 3.3 | 2 | 5 | 3 | 3 | Personal problems affecting work output |
| 4 | | 3 | 21-DEC-12 | | 3 | 3 | 4 | 3 | 2 | Improved communication since last review |
| 4 rows returned in 0.00 seconds | | |

**Children Birthdays Query**

SELECT Persons.First, Persons.Last, Persons.BirthDate

FROM Persons

WHERE (((Persons.Relationship)='Child'));

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **FIRST** | | **LAST** | **BIRTHDATE** | |
| Jacob | | Matlin | 06-OCT-12 | |
| Jaqueline | | Matlin | 02-MAY-01 | |
| Jason | | Matlin | 15-AUG-09 | |
| Jeff | | Matlin | 15-JUL-07 | |
| Ethan | | Crews | 27-OCT-05 | |
| Grace | | Crews | 19-OCT-07 | |
| Alexander | | Anholt | 11-AUG-06 | |
| Amy | | Anholt | 29-MAY-11 | |
| Aaron | | Anholt | 29-MAR-04 | |
| Ashley | | Anholt | 09-OCT-04 | |
| Noah | | Whitestone | 04-AUG-01 | |
| Jessica | | Whitestone | 30-OCT-10 | |
| Daniel | | Hoy | 17-FEB-01 | |
| Anthony | | Berthier | 11-SEP-01 | |
| Rachel | | Berthier | 05-JAN-08 | |
| Sophia | | Jordan | 28-DEC-02 | |
| Danielle | | Jordan | 08-FEB-10 | |
| Emily | | Jordan | 17-JAN-08 | |
| Melissa | | Jordan | 02-MAR-11 | |
| Emma | | Bove | 25-MAR-00 | |
| Kelsey | | Bove | 18-MAR-06 | |
| Oliva | | Bottoms | 28-JUL-09 | |
| Heather | | Bottoms | 28-MAY-04 | |
| Chloe | | Davidson | 24-JUL-12 | |
| Michael | | Davidson | 03-JUN-07 | |
| Mia | | Davidson | 22-MAR-06 | |
| Jason | | Davidson | 20-APR-02 | |
| Justin | | Wann | 09-OCT-12 | |
| Timothy | | Wann | 27-JUL-06 | |
| Lisa | | Clerc | 20-JUL-11 | |
| Sarah | | Clerc | 31-JAN-02 | |
| Samantha | | Bell | 11-OCT-05 | |
| 32 rows returned in 0.01 seconds | | |

**Employee Birthdays Query**

SELECT Persons.Last, Persons.First, Persons.BirthDate

FROM Persons

WHERE (((Persons.Relationship)='Self'))

ORDER BY Persons.BirthDate;

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **LAST** | | **FIRST** | **BIRTHDATE** | |
| Jordan | | Harold | 09-JAN-50 | |
| Chaney | | Jorge | 01-MAY-51 | |
| Fant | | Ashely | 30-JUL-51 | |
| Whitestone | | Peg | 28-AUG-52 | |
| Hayword | | Rob | 21-FEB-53 | |
| Thornberry | | Alan | 12-DEC-53 | |
| Convy | | Lance | 23-DEC-53 | |
| Berthier | | Brian | 17-SEP-60 | |
| Anholt | | Mandy | 04-FEB-61 | |
| Verraros | | Marco | 27-JUL-62 | |
| Clerc | | Kyo | 05-JAN-63 | |
| Greene | | Francisco | 17-FEB-65 | |
| Cargill | | Oliver | 23-JUN-66 | |
| Davidson | | Cliff | 08-JUN-67 | |
| Hamill | | Daisy | 16-OCT-68 | |
| Bove | | Horace | 04-OCT-69 | |
| Keller | | Judith | 20-DEC-72 | |
| Redmond | | George | 13-MAR-75 | |
| Duncan | | Thomas | 04-APR-75 | |
| Gallaudet | | Ida | 15-JUN-75 | |
| Hoy | | Danny | 26-JUN-76 | |
| Glover | | Walter | 02-SEP-77 | |
| Fletcher | | Phyllis | 13-SEP-77 | |
| Wann | | Ngyen | 11-JAN-78 | |
| Gary | | Lou | 23-MAR-78 | |
| Stern | | Garth | 03-AUG-78 | |
| Griffiths | | Gwen | 13-JUN-82 | |
| Bell | | Evelyn | 17-MAY-84 | |
| Matlin | | Hugh | 09-OCT-89 | |
| Crews | | Max | 09-JAN-90 | |
| Thomas | | Lionel | 18-SEP-90 | |
| Bottoms | | William | 29-MAY-91 | |
| LeFors | | Mia | 09-DEC-92 | |
| Brewster | | Lars | 11-JUN-94 | |
| Tilden | | Ryan | 04-SEP-94 | |
| Kemp | | Pierre | 04-NOV-49 | |
| 36 rows returned in 0.58 seconds | | |

**Employee Salaries Query**

SELECT Persons.Last, Persons.First, Employees.Salary

FROM Employees INNER JOIN Persons ON Employees.EmployeeID = Persons.EmployeeID

WHERE (((Persons.Relationship)='Self'))

ORDER BY Persons.Last;

|  |  |  |  |
| --- | --- | --- | --- |
| **LAST** | | **FIRST** | **SALARY** |
| Anholt | | Mandy | 88000 |
| Bell | | Evelyn | 57900 |
| Berthier | | Brian | 80500 |
| Bottoms | | William | 71000 |
| Bove | | Horace | 71400 |
| Brewster | | Lars | 71000 |
| Cargill | | Oliver | 59900 |
| Chaney | | Jorge | 36000 |
| Clerc | | Kyo | 92000 |
| Convy | | Lance | 51000 |
| Crews | | Max | 100000 |
| Davidson | | Cliff | 69500 |
| Duncan | | Thomas | 48500 |
| Fant | | Ashely | 90000 |
| Fletcher | | Phyllis | 40500 |
| Gallaudet | | Ida | 51500 |
| Gary | | Lou | 30500 |
| Glover | | Walter | 29500 |
| Greene | | Francisco | 58500 |
| Griffiths | | Gwen | 99000 |
| Hamill | | Daisy | 60500 |
| Hayword | | Rob | 81500 |
| Hoy | | Danny | 90000 |
| Jordan | | Harold | 76000 |
| Keller | | Judith | 32000 |
| Kemp | | Pierre | 61000 |
| LeFors | | Mia | 60000 |
| Matlin | | Hugh | 95000 |
| Redmond | | George | 58500 |
| Stern | | Garth | 49990 |
| Thomas | | Lionel | 48900 |
| Thornberry | | Alan | 48000 |
| Tilden | | Ryan | 67900 |
| Verraros | | Marco | 40500 |
| Wann | | Ngyen | 81000 |
| Whitestone | | Peg | 81400 |
| 36 rows returned in 0.31 seconds | | |

**Gwen Griffiths Evaluations Query**

SELECT Persons.Last, Persons.First, Employees.Salary, Evaluations.EvaluationDate, Evaluations.Overall\_Rating, Evaluations.Comments

FROM (Employees INNER JOIN Evaluations ON Employees.EmployeeID = Evaluations.EmployeeID) INNER JOIN Persons ON Employees.EmployeeID = Persons.EmployeeID

WHERE (((Persons.Relationship)='Self') AND ((Evaluations.EmployeeID)=3));

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **LAST** | | **FIRST** | **SALARY** | **EVALUATIONDATE** | | **OVERALL\_RATING** | **COMMENTS** |
| Griffiths | | Gwen | 99000 | 21-JAN-11 | | 2.8 | Needs better communication with peers |
| Griffiths | | Gwen | 99000 | 21-DEC-12 | | 3 | Improved communication since last review |
| 2 rows returned in 0.12 seconds | | | |

**Hugh Matlin Dependents Query**

SELECT Persons.Last, Persons.First, Persons.Relationship

FROM Employees INNER JOIN Persons ON Employees.EmployeeID = Persons.EmployeeID

WHERE (((Persons.Relationship)<>'Self') AND ((Employees.EmployeeID)=1));

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **LAST** | | **FIRST** | **RELATIONSHIP** | |
| Matlin | | Grace | Spouse | |
| Matlin | | Jacob | Child | |
| Matlin | | Jaqueline | Child | |
| Matlin | | Jason | Child | |
| Matlin | | Jeff | Child | |
| 5 rows returned in 0.03 seconds | | |

**End**