-- Generated by Oracle SQL Developer Data Modeler 18.2.0.179.0756

-- at: 2018-12-01 16:31:14 CST

-- site: Oracle Database 11g

-- type: Oracle Database 11g

CREATE TABLE catelog (

part\_part\_id NUMBER NOT NULL,

vendor\_vendor\_id INTEGER NOT NULL

)

LOGGING;

CREATE TABLE customer (

prefered\_salesman VARCHAR2(30),

customer\_id INTEGER NOT NULL,

personal\_id INTEGER NOT NULL

)

LOGGING;

ALTER TABLE customer ADD CONSTRAINT customer\_pk PRIMARY KEY ( customer\_id,

personal\_id );

CREATE TABLE department (

department\_id INTEGER NOT NULL,

department\_name VARCHAR2(30 CHAR)

)

LOGGING;

ALTER TABLE department ADD CONSTRAINT department\_pk PRIMARY KEY ( department\_id );

CREATE TABLE employee (

title VARCHAR2(30),

supervisor\_id INTEGER,

employee\_id INTEGER NOT NULL,

personal\_id INTEGER NOT NULL,

-- ERROR: Column name length exceeds maximum allowed length(30)

monthly\_salary\_monthly\_salary\_id NUMBER

)

LOGGING;

ALTER TABLE employee ADD CONSTRAINT employee\_pk PRIMARY KEY ( employee\_id,

personal\_id );

CREATE TABLE interview (

job\_position INTEGER,

interveiw\_time TIMESTAMP,

interviewee\_id INTEGER NOT NULL,

job\_id INTEGER NOT NULL,

interviewer\_id INTEGER NOT NULL,

potential\_employee\_id INTEGER NOT NULL,

employee\_id INTEGER NOT NULL,

personal\_id INTEGER NOT NULL,

department\_id INTEGER NOT NULL,

personal\_id1 INTEGER NOT NULL

)

LOGGING;

CREATE TABLE interviewee (

interviewee\_id INTEGER NOT NULL,

potential\_employee\_id INTEGER NOT NULL,

personal\_id INTEGER NOT NULL

)

LOGGING;

ALTER TABLE interviewee

ADD CONSTRAINT interviewee\_pk PRIMARY KEY ( interviewee\_id,

potential\_employee\_id,

personal\_id );

CREATE TABLE interviewer (

job\_id INTEGER,

grade NUMBER,

interviewer\_id INTEGER NOT NULL,

employee\_id INTEGER NOT NULL,

personal\_id INTEGER NOT NULL

)

LOGGING;

ALTER TABLE interviewer

ADD CONSTRAINT interviewer\_pk PRIMARY KEY ( interviewer\_id,

employee\_id,

personal\_id );

CREATE TABLE job\_position (

job\_id INTEGER NOT NULL,

job\_description VARCHAR2(30),

posted\_date TIMESTAMP,

department\_id INTEGER NOT NULL

)

LOGGING;

ALTER TABLE job\_position ADD CONSTRAINT job\_position\_pk PRIMARY KEY ( job\_id,

department\_id );

CREATE TABLE monthly\_salary (

transaction\_numer INTEGER,

pay\_date DATE,

amount FLOAT,

monthly\_salary\_id NUMBER NOT NULL

)

LOGGING;

ALTER TABLE monthly\_salary ADD CONSTRAINT monthly\_salary\_pk PRIMARY KEY ( monthly\_salary\_id );

CREATE TABLE part (

price unknown

-- ERROR: Datatype UNKNOWN is not allowed

,

part\_id NUMBER NOT NULL,

vendor\_vendor\_id INTEGER NOT NULL

)

LOGGING;

ALTER TABLE part ADD CONSTRAINT part\_pk PRIMARY KEY ( part\_id );

CREATE TABLE person (

first\_name VARCHAR2(30) NOT NULL,

last\_name VARCHAR2(30),

personal\_id INTEGER NOT NULL,

age INTEGER,

gender VARCHAR2(1),

address\_line\_1 VARCHAR2(30),

city VARCHAR2(30),

address\_line\_2 VARCHAR2(30),

state VARCHAR2(30),

zip\_code INTEGER,

phone\_number INTEGER

)

LOGGING;

ALTER TABLE person ADD CONSTRAINT person\_pk PRIMARY KEY ( personal\_id );

CREATE TABLE potential\_employee (

potential\_employee\_id INTEGER NOT NULL,

personal\_id INTEGER NOT NULL

)

LOGGING;

ALTER TABLE potential\_employee ADD CONSTRAINT potential\_employee\_pk PRIMARY KEY ( potential\_employee\_id,

personal\_id );

CREATE TABLE product (

"SIZE" VARCHAR2

-- ERROR: VARCHAR2 size not specified

,

style VARCHAR2

-- ERROR: VARCHAR2 size not specified

,

list\_weight VARCHAR2

-- ERROR: VARCHAR2 size not specified

,

product\_id INTEGER NOT NULL,

product\_type VARCHAR2

-- ERROR: VARCHAR2 size not specified

)

LOGGING;

ALTER TABLE product ADD CONSTRAINT product\_pk PRIMARY KEY ( product\_id );

CREATE TABLE sales\_record (

sale\_time DATE,

sales\_record\_id NUMBER NOT NULL,

customer\_customer\_id INTEGER NOT NULL,

customer\_personal\_id INTEGER NOT NULL,

site\_site\_id INTEGER NOT NULL,

employee\_employee\_id INTEGER NOT NULL,

employee\_personal\_id INTEGER NOT NULL,

product\_product\_id INTEGER NOT NULL

)

LOGGING;

ALTER TABLE sales\_record ADD CONSTRAINT sales\_record\_pk PRIMARY KEY ( sales\_record\_id );

CREATE TABLE shift (

end\_time TIMESTAMP,

start\_time TIMESTAMP,

department\_id INTEGER NOT NULL,

employee\_id INTEGER NOT NULL,

personal\_id INTEGER NOT NULL

)

LOGGING;

CREATE TABLE site (

site\_id INTEGER NOT NULL,

site\_location VARCHAR2

-- ERROR: VARCHAR2 size not specified

,

site\_name VARCHAR2

-- ERROR: VARCHAR2 size not specified

)

LOGGING;

ALTER TABLE site ADD CONSTRAINT site\_pk PRIMARY KEY ( site\_id );

CREATE TABLE vendor (

vendor\_id INTEGER NOT NULL,

name VARCHAR2

-- ERROR: VARCHAR2 size not specified

,

address VARCHAR2

-- ERROR: VARCHAR2 size not specified

,

account\_number INTEGER,

credit\_rating INTEGER,

url VARCHAR2

-- ERROR: VARCHAR2 size not specified

)

LOGGING;

ALTER TABLE vendor ADD CONSTRAINT vendor\_pk PRIMARY KEY ( vendor\_id );

ALTER TABLE catelog

ADD CONSTRAINT catelog\_part\_fk FOREIGN KEY ( part\_part\_id )

REFERENCES part ( part\_id )

NOT DEFERRABLE;

ALTER TABLE catelog

ADD CONSTRAINT catelog\_vendor\_fk FOREIGN KEY ( vendor\_vendor\_id )

REFERENCES vendor ( vendor\_id )

NOT DEFERRABLE;

ALTER TABLE customer

ADD CONSTRAINT customer\_person\_fk FOREIGN KEY ( personal\_id )

REFERENCES person ( personal\_id )

NOT DEFERRABLE;

ALTER TABLE employee

ADD CONSTRAINT employee\_monthly\_salary\_fk FOREIGN KEY ( monthly\_salary\_monthly\_salary\_id )

REFERENCES monthly\_salary ( monthly\_salary\_id )

NOT DEFERRABLE;

ALTER TABLE employee

ADD CONSTRAINT employee\_person\_fk FOREIGN KEY ( personal\_id )

REFERENCES person ( personal\_id )

NOT DEFERRABLE;

ALTER TABLE interview

ADD CONSTRAINT interview\_interviewee\_fk FOREIGN KEY ( interviewee\_id,

potential\_employee\_id,

personal\_id1 )

REFERENCES interviewee ( interviewee\_id,

potential\_employee\_id,

personal\_id )

NOT DEFERRABLE;

ALTER TABLE interview

ADD CONSTRAINT interview\_interviewer\_fk FOREIGN KEY ( interviewer\_id,

employee\_id,

personal\_id )

REFERENCES interviewer ( interviewer\_id,

employee\_id,

personal\_id )

NOT DEFERRABLE;

ALTER TABLE interview

ADD CONSTRAINT interview\_job\_position\_fk FOREIGN KEY ( job\_id,

department\_id )

REFERENCES job\_position ( job\_id,

department\_id )

NOT DEFERRABLE;

-- ERROR: FK name length exceeds maximum allowed length(30)

ALTER TABLE interviewee

ADD CONSTRAINT interviewee\_potential\_employee\_fk FOREIGN KEY ( potential\_employee\_id,

personal\_id )

REFERENCES potential\_employee ( potential\_employee\_id,

personal\_id )

NOT DEFERRABLE;

ALTER TABLE interviewer

ADD CONSTRAINT interviewer\_employee\_fk FOREIGN KEY ( employee\_id,

personal\_id )

REFERENCES employee ( employee\_id,

personal\_id )

NOT DEFERRABLE;

ALTER TABLE job\_position

ADD CONSTRAINT job\_position\_department\_fk FOREIGN KEY ( department\_id )

REFERENCES department ( department\_id )

NOT DEFERRABLE;

ALTER TABLE part

ADD CONSTRAINT part\_vendor\_fk FOREIGN KEY ( vendor\_vendor\_id )

REFERENCES vendor ( vendor\_id )

NOT DEFERRABLE;

ALTER TABLE potential\_employee

ADD CONSTRAINT potential\_employee\_person\_fk FOREIGN KEY ( personal\_id )

REFERENCES person ( personal\_id )

NOT DEFERRABLE;

ALTER TABLE sales\_record

ADD CONSTRAINT sales\_record\_customer\_fk FOREIGN KEY ( customer\_customer\_id,

customer\_personal\_id )

REFERENCES customer ( customer\_id,

personal\_id )

NOT DEFERRABLE;

ALTER TABLE sales\_record

ADD CONSTRAINT sales\_record\_employee\_fk FOREIGN KEY ( employee\_employee\_id,

employee\_personal\_id )

REFERENCES employee ( employee\_id,

personal\_id )

NOT DEFERRABLE;

ALTER TABLE sales\_record

ADD CONSTRAINT sales\_record\_product\_fk FOREIGN KEY ( product\_product\_id )

REFERENCES product ( product\_id )

NOT DEFERRABLE;

ALTER TABLE sales\_record

ADD CONSTRAINT sales\_record\_site\_fk FOREIGN KEY ( site\_site\_id )

REFERENCES site ( site\_id )

NOT DEFERRABLE;

ALTER TABLE shift

ADD CONSTRAINT shift\_department\_fk FOREIGN KEY ( department\_id )

REFERENCES department ( department\_id )

NOT DEFERRABLE;

ALTER TABLE shift

ADD CONSTRAINT shift\_employee\_fk FOREIGN KEY ( employee\_id,

personal\_id )

REFERENCES employee ( employee\_id,

personal\_id )

NOT DEFERRABLE;

CREATE SEQUENCE monthly\_salary\_monthly\_salary\_ START WITH 1 NOCACHE ORDER;

CREATE OR REPLACE TRIGGER monthly\_salary\_monthly\_salary\_ BEFORE

INSERT ON monthly\_salary

FOR EACH ROW

WHEN ( new.monthly\_salary\_id IS NULL )

BEGIN

:new.monthly\_salary\_id := monthly\_salary\_monthly\_salary\_.nextval;

END;

/

CREATE SEQUENCE part\_part\_id\_seq START WITH 1 NOCACHE ORDER;

CREATE OR REPLACE TRIGGER part\_part\_id\_trg BEFORE

INSERT ON part

FOR EACH ROW

WHEN ( new.part\_id IS NULL )

BEGIN

:new.part\_id := part\_part\_id\_seq.nextval;

END;

/

CREATE SEQUENCE sales\_record\_sales\_record\_id START WITH 1 NOCACHE ORDER;

CREATE OR REPLACE TRIGGER sales\_record\_sales\_record\_id BEFORE

INSERT ON sales\_record

FOR EACH ROW

WHEN ( new.sales\_record\_id IS NULL )

BEGIN

:new.sales\_record\_id := sales\_record\_sales\_record\_id.nextval;

END;

/

-- Oracle SQL Developer Data Modeler Summary Report:

--

-- CREATE TABLE 17

-- CREATE INDEX 0

-- ALTER TABLE 33

-- CREATE VIEW 0

-- ALTER VIEW 0

-- CREATE PACKAGE 0

-- CREATE PACKAGE BODY 0

-- CREATE PROCEDURE 0

-- CREATE FUNCTION 0

-- CREATE TRIGGER 3

-- ALTER TRIGGER 0

-- CREATE COLLECTION TYPE 0

-- CREATE STRUCTURED TYPE 0

-- CREATE STRUCTURED TYPE BODY 0

-- CREATE CLUSTER 0

-- CREATE CONTEXT 0

-- CREATE DATABASE 0

-- CREATE DIMENSION 0

-- CREATE DIRECTORY 0

-- CREATE DISK GROUP 0

-- CREATE ROLE 0

-- CREATE ROLLBACK SEGMENT 0

-- CREATE SEQUENCE 3

-- CREATE MATERIALIZED VIEW 0

-- CREATE MATERIALIZED VIEW LOG 0

-- CREATE SYNONYM 0

-- CREATE TABLESPACE 0

-- CREATE USER 0

--

-- DROP TABLESPACE 0

-- DROP DATABASE 0

--

-- REDACTION POLICY 0

--

-- ORDS DROP SCHEMA 0

-- ORDS ENABLE SCHEMA 0

-- ORDS ENABLE OBJECT 0

--

-- ERRORS 12

-- WARNINGS 0