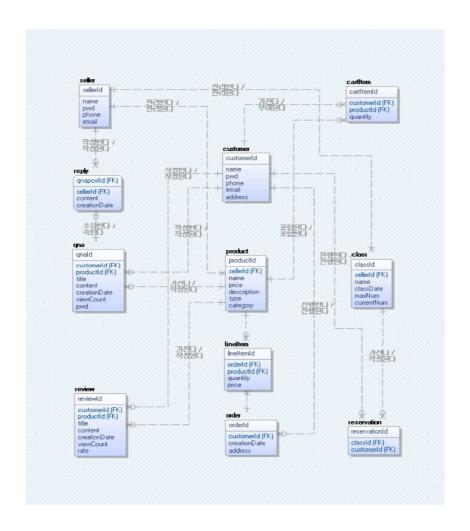
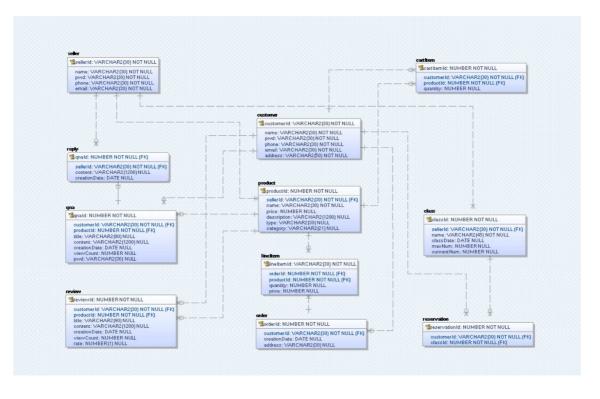
(01-4) 데이터베이스 설계

Gaillardia / Flo:be(플로비) - 플라워 카페 정보 제공 및 상품 주문/예약 서비스





```
[DDL]
                                                               CREATE TABLE order
                                                                           orderld
                                                                                            NUMBER NOT NULL,
CREATE SEQUENCE Sequence cartItem:
                                                                           creationDate
                                                                                            DATE NULL,
                                                                                             VARCHAR2(30) NOT NULL,
CREATE SEQUENCE Sequence_class;
                                                                           customerId
                                                                                             VARCHAR2(30) NULL
                                                                           address
CREATE SEQUENCE Sequence_lineItem;
CREATE SEQUENCE Sequence_order;
                                                               CREATE UNIQUE INDEX XPKorder ON order
                                                               (orderId ASC);
CREATE SEQUENCE Sequence_product;
                                                               ALTER TABLE order
CREATE SEQUENCE Sequence_qna;
                                                                           ADD CONSTRAINT XPKorder PRIMARY KEY (orderld);
CREATE SEQUENCE Sequence_reply;
                                                               CREATE TABLE reservation
CREATE SEQUENCE Sequence_reservation;
                                                                           reservationId NUMBER NOT NULL,
                                                                                           NUMBER NOT NULL,
                                                                           classId
CREATE SEQUENCE Sequence_review;
                                                                           customerId
                                                                                            VARCHAR2(30) NOT NULL
CREATE TABLE seller
                                                               CREATE UNIQUE INDEX XPKreservation ON reservation
                           VARCHAR2(30) NOT NULL ,
           sellerId
                                                               (reservationId ASC);
                            VARCHAR2(30) NOT NULL,
           name
                             VARCHAR2(30) NOT NULL,
           pwd
                                                               ALTER TABLE reservation
                             VARCHAR2(30) NOT NULL,
                                                                          ADD CONSTRAINT XPKreservation PRIMARY KEY
                            VARCHAR2(30) NOT NULL
           email
                                                               (reservationId):
                                                               CREATE TABLE product
CREATE UNIQUE INDEX XPKseller ON seller
(sellerId ASC);
                                                                                           NUMBER NOT NULL,
                                                                           productId
                                                                           price
                                                                                            NUMBER NULL .
ALTER TABLE seller
                                                                           description
                                                                                           VARCHAR2(1200) NULL,
           ADD CONSTRAINT XPKseller PRIMARY KEY (sellerId);
                                                                                            VARCHAR2(30) NULL,
                                                                           type
                                                                           category
                                                                                            VARCHAR2(21) NULL,
CREATE TABLE class
                                                                           sellerId
                                                                                           VARCHAR2(30) NOT NULL,
                                                                                             VARCHAR2(30) NOT NULL
                                                                           name
           classId
                           NUMBER NOT NULL,
                            VARCHAR2(45) NOT NULL ,
           name
                                                               CREATE UNIQUE INDEX XPKproduct ON product
           classDate
                            DATE NULL,
                            NUMBER NULL,
                                                               (productId ASC);
           maxNum
                            NUMBER NULL,
           currrentNum
                            VARCHAR2(30) NOT NULL
                                                               ALTER TABLE product
                                                                          ADD CONSTRAINT XPKproduct PRIMARY KEY
                                                                (productId);
CREATE UNIQUE INDEX XPKclass ON class
                                                               CREATE TABLE review
(classId ASC);
                                                                                            NUMBER NOT NULL,
ALTER TABLE class
                                                                           reviewId
           ADD CONSTRAINT XPKclass PRIMARY KEY (classId);
                                                                           title
                                                                                           VARCHAR2(90) NULL,
                                                                                            VARCHAR2(1200) NULL,
                                                                           content
CREATE TABLE customer
                                                                           creationDate
                                                                                            DATE NULL,
                                                                           viewCount
                                                                                            NUMBER NULL,
                             VARCHAR2(30) NOT NULL,
                                                                                            NUMBER(1) NULL,
           customerId
                                                                           rate
                             VARCHAR2(30) NOT NULL,
                                                                                            VARCHAR2(30) NOT NULL,
           name
                                                                           customerId
                             VARCHAR2(30) NOT NULL,
                                                                                            NUMBER NOT NULL
           pwd
                                                                           productId
                             VARCHAR2(30) NOT NULL,
           phone
                             VARCHAR2(30) NOT NULL,
           email
           address
                             VARCHAR2(50) NOT NULL
                                                               CREATE UNIQUE INDEX XPKreview ON review
                                                               (reviewId ASC);
CREATE UNIQUE INDEX XPKcustomer ON customer
                                                               ALTER TABLE review
                                                                           ADD CONSTRAINT XPKreview PRIMARY KEY (reviewId);
(customerId ASC):
                                                               CREATE TABLE cartItem
ALTER TABLE customer
          ADD CONSTRAINT
                              XPKcustomer PRIMARY KEY
(customerId);
                                                                           cartItemId
                                                                                            NUMBER NOT NULL,
                                                                                            NUMBER NULL .
                                                                           quantity
```

VARCHAR2(30) NOT NULL, customerId productId NUMBER NOT NULL ALTER TABLE reservation ADD (); CONSTRAINT R_16 FOREIGN KEY (classId) REFERENCES class (classId)); CREATE UNIQUE INDEX XPKcartItem ON cartItem (cartItemId ASC); ALTER TABLE reservation ADD (CONSTRAINT R_17 FOREIGN KEY (customerld) REFERENCES customer ALTER TABLE cartitem ADD CONSTRAINT XPKcartItem PRIMARY KEY (customerId)); (cartItemId); ALTER TABLE product CREATE TABLE lineItem CONSTRAINT R_12 FOREIGN KEY (sellerId) REFERENCES seller lineItemId VARCHAR2(30) NOT NULL, NUMBER NOT NULL, productId orderId NUMBER NOT NULL, ALTER TABLE review quantity NUMBER NULL, ADD (CONSTRAINT R_14 FOREIGN KEY (customerld) REFERENCES customer NUMBER NULL price); CREATE UNIQUE INDEX XPKlineItem ON lineItem ALTER TABLE review (lineItemId ASC); ADD (CONSTRAINT R_15 FOREIGN KEY (productId) REFERENCES product ALTER TABLE lineItem (productId)); ADD CONSTRAINT XPKlineItem PRIMARY KEY ALTER TABLE cartItem (lineItemId); ADD (CREATE TABLE qna CONSTRAINT R_18 FOREIGN KEY (customerId) REFERENCES customer (customerId)); NUMBER NOT NULL, gnald VARCHAR2(90) NULL, title ALTER TABLE cartItem VARCHAR2(1200) NULL, content ADD (creationDate DATE NULL, CONSTRAINT R_19 FOREIGN KEY (productId) REFERENCES product NUMBER NULL, (productId)): viewCount VARCHAR2(30) NULL, VARCHAR2(30) NOT NULL, ALTER TABLE lineItem customerId NUMBER NOT NULL productId ADD (CONSTRAINT R_29 FOREIGN KEY (productId) REFERENCES product (productId)); CREATE UNIQUE INDEX XPKqna ON qna ALTER TABLE lineItem (gnald ASC); ADD (ALTER TABLE qna CONSTRAINT R_30 FOREIGN KEY (orderld) REFERENCES order ADD CONSTRAINT XPKqna PRIMARY KEY (qnald); (orderId)); CREATE TABLE reply ALTER TABLE ona ADD (CONSTRAINT R_7 FOREIGN KEY (customerId) REFERENCES customer content VARCHAR2(1200) NULL, creationDate DATE NULL, (customerId)); VARCHAR2(30) NOT NULL, NUMBER NOT NULL gnald ALTER TABLE qna ADD (CONSTRAINT R_10 FOREIGN KEY (productId) REFERENCES product CREATE UNIQUE INDEX XPKreply ON reply (productId)); (qnald ASC); ALTER TABLE reply ALTER TABLE reply CONSTRAINT R_2 FOREIGN KEY (sellerId) REFERENCES seller (sellerId)); ADD CONSTRAINT XPKreply PRIMARY KEY (qnald); ALTER TABLE class ALTER TABLE reply ADD (ADD (CONSTRAINT R_13 FOREIGN KEY (sellerId) REFERENCES seller CONSTRAINT R_4 FOREIGN KEY (qnald) REFERENCES qna (qnald)); (sellerId)): ALTER TABLE order ADD (CONSTRAINT R_21 FOREIGN KEY (customerId) REFERENCES customer