**CAPSTONE – FINAL ASSESMENT**

**FOOD BOX**

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**Source Codes:**

**Database Statements:**

**DROP DATABASE IF EXISTS foodbox;**

**CREATE DATABASE foodbox;**

**USE foodbox;**

**DROP USER IF EXISTS 'foodbox\_user'@'localhost';**

**CREATE USER 'foodbox\_user'@'localhost' IDENTIFIED BY 'password';**

**GRANT ALL PRIVILEGES ON \* . \* TO 'foodbox\_user'@'localhost';**

**FLUSH PRIVILEGES;**

**DROP TABLE IF EXISTS categories;**

**CREATE TABLE categories (**

**category\_id BIGINT NOT NULL AUTO\_INCREMENT,**

**category\_name VARCHAR(255) NOT NULL,**

**category\_enabled BOOLEAN DEFAULT TRUE,**

**category\_image BLOB,**

**created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,**

**PRIMARY KEY (category\_id)**

**) ENGINE=INNODB;**

**DROP TABLE IF EXISTS users;**

**CREATE TABLE users (**

**user\_email VARCHAR(255) NOT NULL,**

**user\_password VARCHAR(255) NOT NULL,**

**user\_name VARCHAR(255) NOT NULL,**

**user\_phone VARCHAR(255) NOT NULL,**

**user\_role CHAR(1) NOT NULL,**

**address\_line1 VARCHAR(255),**

**address\_line2 VARCHAR(255),**

**address\_city VARCHAR(255),**

**address\_postcode VARCHAR(255),**

**user\_enabled BOOLEAN DEFAULT TRUE,**

**created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,**

**PRIMARY KEY (user\_email)**

**) ENGINE=INNODB;**

**DROP TABLE IF EXISTS offers;**

**CREATE TABLE offers (**

**offer\_id BIGINT NOT NULL AUTO\_INCREMENT,**

**offer\_name VARCHAR(255) NOT NULL,**

**offer\_discount\_type CHAR(3) NOT NULL,**

**offer\_discount DECIMAL(18, 5) NOT NULL,**

**PRIMARY KEY (offer\_id)**

**) ENGINE=INNODB;**

**DROP TABLE IF EXISTS foods;**

**CREATE TABLE foods (**

**food\_id BIGINT NOT NULL AUTO\_INCREMENT,**

**food\_name VARCHAR(255) NOT NULL,**

**food\_category BIGINT NOT NULL,**

**food\_price DECIMAL(18, 5) NOT NULL,**

**food\_desc VARCHAR(255) NOT NULL,**

**food\_offer BIGINT,**

**food\_image BLOB,**

**food\_enabled BOOLEAN DEFAULT TRUE,**

**created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,**

**PRIMARY KEY (food\_id),**

**CONSTRAINT fk\_food\_category FOREIGN KEY (food\_category) REFERENCES categories(category\_id),**

**CONSTRAINT fk\_food\_offer FOREIGN KEY (food\_offer) REFERENCES offers(offer\_id)**

**) ENGINE=INNODB;**

**DROP TABLE IF EXISTS fees;**

**CREATE TABLE fees (**

**fee\_type VARCHAR(50) NOT NULL,**

**fee\_value DECIMAL(18, 5) NOT NULL DEFAULT 0,**

**PRIMARY KEY (fee\_type)**

**) ENGINE=INNODB;**

**DROP TABLE IF EXISTS orderitems;**

**CREATE TABLE orderitems (**

**oitem\_id BIGINT NOT NULL AUTO\_INCREMENT,**

**oitem\_food BIGINT NOT NULL,**

**oitem\_quantity INT NOT NULL,**

**oitem\_price DECIMAL(18, 5) NOT NULL,**

**oitem\_discount DECIMAL(18, 5),**

**PRIMARY KEY (oitem\_id),**

**CONSTRAINT fk\_orderitems\_food FOREIGN KEY (oitem\_food) REFERENCES foods(food\_id)**

**) ENGINE=INNODB;**

**DROP TABLE IF EXISTS orders;**

**CREATE TABLE orders (**

**order\_id BIGINT NOT NULL AUTO\_INCREMENT,**

**order\_charge\_id VARCHAR(255) NOT NULL,**

**order\_user VARCHAR(255) NOT NULL,**

**order\_price DECIMAL(18, 5) NOT NULL,**

**order\_discount DECIMAL(18, 5),**

**order\_delivery\_fee DECIMAL(18, 5),**

**created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,**

**PRIMARY KEY (order\_id),**

**CONSTRAINT fk\_orders\_user FOREIGN KEY (order\_user) REFERENCES users(user\_email)**

**) ENGINE=INNODB;**

**DROP TABLE IF EXISTS orderdetails;**

**CREATE TABLE orderdetails (**

**order\_id BIGINT NOT NULL,**

**oitem\_id BIGINT NOT NULL,**

**CONSTRAINT fk\_orders FOREIGN KEY (order\_id) REFERENCES orders(order\_id),**

**CONSTRAINT fk\_orderitems FOREIGN KEY (oitem\_id) REFERENCES orderitems(oitem\_id)**

**) ENGINE=INNODB;**

**DROP USER IF EXISTS 'foodbox\_user'@'172.17.0.1';**

**CREATE USER 'foodbox\_user'@'172.17.0.1' IDENTIFIED BY 'password';**

**GRANT ALL PRIVILEGES ON \*.\* TO 'foodbox\_user'@'172.17.0.1' WITH GRANT OPTION;**

**DROP USER IF EXISTS 'foodbox\_user'@'%';**

**CREATE USER 'foodbox\_user'@'%' IDENTIFIED BY 'password';**

**GRANT ALL PRIVILEGES ON \*.\* TO 'foodbox\_user'@'%' WITH GRANT OPTION;**

**delete from categories;**

**insert into categories(category\_id, category\_name) values (1, 'Chinese');**

**insert into categories(category\_id, category\_name) values (2, 'Indian');**

**insert into categories(category\_id, category\_name) values (3, 'Thai');**

**insert into categories(category\_id, category\_name) values (4, 'Korean');**

**delete from users;**

**insert into users (user\_email, user\_password, user\_name, user\_phone, user\_role)**

**values ('admin@foodbox.com', 'Pa$sw0rd', 'admin', '+60-333411289', 'A');**

**insert into users (user\_email, user\_password, user\_name, user\_phone, user\_role, address\_line1, address\_line2, address\_city, address\_postcode)**

**values ('johndoe@gmail.com', 'Pa$sw0rd', 'johndoe', '+60-127813456', 'U', '123 Sunshine Apartment', 'St NW', 'Kuala Lumpur', '57000');**

**delete from offers;**

**insert into offers (offer\_id, offer\_name, offer\_discount\_type, offer\_discount)**

**values (1, '3.3 Only Deals', 'PCT', 5.0);**

**insert into offers (offer\_id, offer\_name, offer\_discount\_type, offer\_discount)**

**values (2, 'Valentine''s Day Special', 'CSH', 3.0);**

**delete from foods;**

**insert into foods (food\_id, food\_name, food\_category, food\_price, food\_desc, food\_offer)**

**values (1, 'Lion'' Head Soup', 1, 6.5, 'Chinese soup best served with white sticky rice.', null);**

**insert into foods (food\_id, food\_name, food\_category, food\_price, food\_desc, food\_offer)**

**values (2, 'Spareribs', 1, 12.5, 'Tender, juicy, tangy ribs cooked on the grill.', 2);**

**insert into foods (food\_id, food\_name, food\_category, food\_price, food\_desc, food\_offer)**

**values (3, 'Sweet and Sour Chicken', 1, 15.5, 'Pan fried chicken cubes served with a sweet and sour sauce.', 1);**

**delete from fees;**

**insert into fees(fee\_type, fee\_value) VALUES('delivery', 5.0);**