**CODE SQL**

**14\_Database - DDL – DML**

**CREATE TABLE userr (**

**id INT AUTO\_INCREMENT PRIMARY KEY,**

**name VARCHAR(50) NOT NULL,**

**email VARCHAR(50) NOT NULL UNIQUE,**

**password VARCHAR(100) NOT NULL,**

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

**updated\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP**

**);**

**CREATE TABLE product\_type (**

**id INT AUTO\_INCREMENT PRIMARY KEY,**

**name VARCHAR(50) NOT NULL**

**);**

**CREATE TABLE product (**

**id INT AUTO\_INCREMENT PRIMARY KEY,**

**name VARCHAR(50) NOT NULL,**

**price DECIMAL(10,2) NOT NULL,**

**stock INT NOT NULL,**

**product\_type\_id INT NOT NULL,**

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

**updated\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP,**

**FOREIGN KEY (product\_type\_id) REFERENCES product\_type(id)**

**);**

**CREATE TABLE operators (**

**id INT AUTO\_INCREMENT PRIMARY KEY,**

**name VARCHAR(50) NOT NULL**

**);**

**CREATE TABLE product\_description (**

**id INT AUTO\_INCREMENT PRIMARY KEY,**

**product\_id INT NOT NULL,**

**description TEXT NOT NULL,**

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

**updated\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP,**

**FOREIGN KEY (product\_id) REFERENCES product(id)**

**);**

**CREATE TABLE payment\_method (**

**id INT AUTO\_INCREMENT PRIMARY KEY,**

**name VARCHAR(50) NOT NULL**

**);**

**CREATE TABLE transaction (**

**id INT PRIMARY KEY,**

**date DATE,**

**total\_amount DECIMAL(10, 2),**

**customer\_name VARCHAR(255)**

**);**

**CREATE TABLE transaction\_detail (**

**id INT PRIMARY KEY,**

**transaction\_id INT,**

**product\_name VARCHAR(255),**

**price DECIMAL(10, 2),**

**quantity INT,**

**FOREIGN KEY (transaction\_id) REFERENCES transaction(id)**

**);**

**CREATE TABLE kurir (**

**id INT AUTO\_INCREMENT PRIMARY KEY,**

**name VARCHAR(50) NOT NULL,**

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

**updated\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP**

**);**

**ALTER TABLE kurir ADD ongkos\_dasar DECIMAL(10,2) NOT NULL DEFAULT 0;**

**CREATE TABLE payment\_method\_description (**

**id INT AUTO\_INCREMENT PRIMARY KEY,**

**payment\_method\_id INT NOT NULL UNIQUE,**

**description TEXT NOT NULL,**

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

**updated\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP,**

**FOREIGN KEY (payment\_method\_id) REFERENCES payment\_method(id)**

**);**

**CREATE TABLE address (**

**id INT AUTO\_INCREMENT PRIMARY KEY,**

**user\_id INT NOT NULL,**

**address TEXT NOT NULL,**

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

**updated\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP,**

**FOREIGN KEY (user\_id) REFERENCES user(id)**

**);**

**CREATE TABLE user\_payment\_method\_detail (**

**id INT NOT NULL AUTO\_INCREMENT,**

**user\_id INT NOT NULL,**

**payment\_method\_id INT NOT NULL,**

**PRIMARY KEY (id),**

**FOREIGN KEY (user\_id) REFERENCES users(id),**

**FOREIGN KEY (payment\_method\_id) REFERENCES payment\_methods(id)**

**);**

**INSERT INTO operator\_id (id, operator\_name, operator\_code)**

**VALUES (1, 'Telkomsel', 'TSEL');**