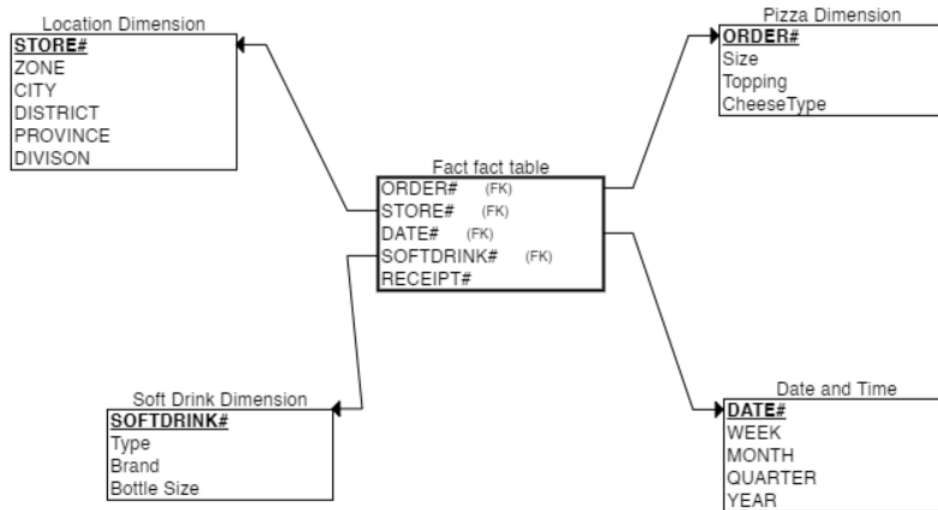


## LAB 4 - ERD Plus and Star Schema

Info: *Nashra Ghaffar CT - 32*



### Generated Query

```
CREATE TABLE Location_Dimension
(
    STORE# INT NOT NULL,
    CITY CHAR NOT NULL,
    DISTRICT CHAR NOT NULL,
    PROVINCE CHAR NOT NULL,
    DIVISON INT NOT NULL,
    PRIMARY KEY (STORE#)
);
```

```
CREATE TABLE Pizza_Dimension
(
    ORDER# INT NOT NULL,
    Size CHAR NOT NULL,
    Topping CHAR NOT NULL,
    CheeseType CHAR NOT NULL,
    PRIMARY KEY (ORDER#)
);
```

```
CREATE TABLE Date_and_Time
(
    DATE# DATE NOT NULL,
    WEEK CHAR NOT NULL,
    MONTH CHAR NOT NULL,
    QUARTER CHAR NOT NULL,
```

```
YEAR CHAR NOT NULL,  
PRIMARY KEY (DATE#)  
);
```

```
CREATE TABLE Soft_Drink_Dimension  
(  
    SOFTDRINK# INT NOT NULL,  
    Type CHAR NOT NULL,  
    Brand CHAR NOT NULL,  
    Bottle_Size CHAR NOT NULL,  
    PRIMARY KEY (SOFTDRINK#)  
);
```

```
CREATE TABLE Fact  
(  
    RECEIPT# INT NOT NULL,  
    ORDER# INT NOT NULL,  
    STORE# INT NOT NULL,  
    DATE# DATE NOT NULL,  
    SOFTDRINK# INT NOT NULL,  
    FOREIGN KEY (STORE#) REFERENCES Location_Dimension(STORE#),  
    FOREIGN KEY (DATE#) REFERENCES Date_and_Time(DATE#),  
    FOREIGN KEY (SOFTDRINK#) REFERENCES Soft_Drink_Dimension(SOFTDRINK#)  
);
```

## Schema

