

Historical Price

```
CREATE TABLE TESTDB.Company_History_Price(
    Date VARCHAR(20) NOT NULL,
    Open_Price VARCHAR(15) NOT NULL,
    High_Price VARCHAR(15) NOT NULL,
    Low_Price VARCHAR(15) NOT NULL,
    Close_Price VARCHAR(15) NOT NULL,
    H_Volume VARCHAR(20) NOT NULL,
    PRIMARY KEY (Date))
ENGINE = InnoDB;
```

Real-time Price

```
CREATE TABLE TESTDB.Company_Realtime_Price (
    Time VARCHAR(20) NOT NULL,
    R_Price VARCHAR(15) NOT NULL,
    R_Volume VARCHAR(15) NOT NULL,
    PRIMARY KEY (Time))
ENGINE = InnoDB;
```

In phase I, we replace 'Company' to the specific company name like ABAB for convenient.

////////////////////////////////////

Get_RealtimePrice

```
CREATE TABLE TESTDB.RealtimePrice(  
    Time VARCHAR(20) NOT NULL,  
    Company_Name VARCHAR (20) NOT NULL,  
    FOREIGN KEY(Time) REFERENCES Realtime_Price,  
    FOREIGN KEY(Company_Name) REFERENCES Company)  
ENGINE = InnoDB;
```

Get_HistoryPrice

```
CREATE TABLE TESTDB.HistoryPrice(  
    Date VARCHAR(20) NOT NULL,  
    Company_Name VARCHAR (20) NOT NULL,  
    FOREIGN KEY(Date) REFERENCES History_Price,  
    FOREIGN KEY(Company_Name) REFERENCES Company)  
ENGINE = InnoDB;
```

Company

```
CREATE TABLE TESTDB.Company(  
    Company_Name VARCHAR (20) NOT NULL,  
    PRIMARY KEY (Company_Name))  
ENGINE = InnoDB;
```

These three tables will use in the future.