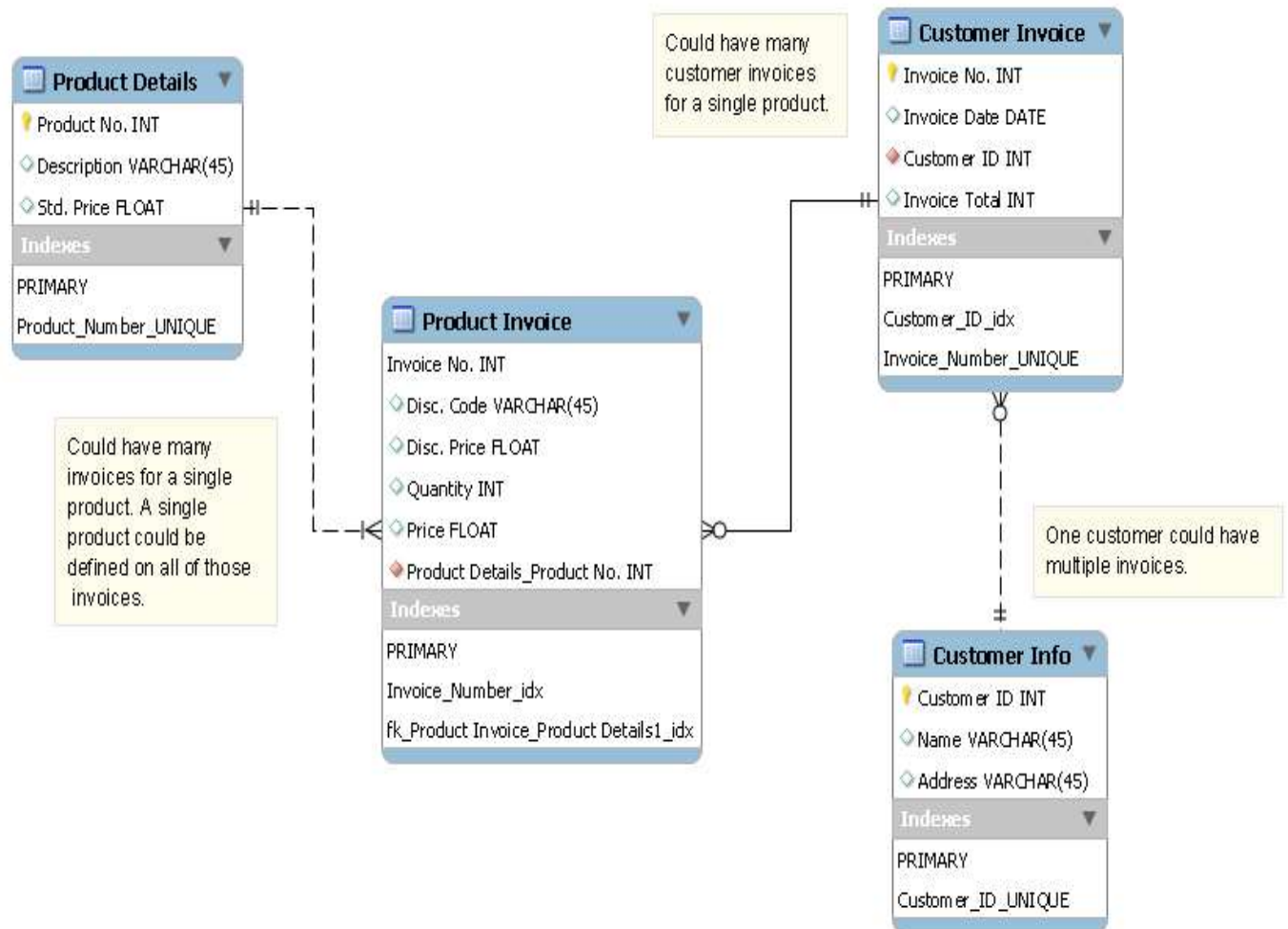


1. Drawn Data model



## 2. DDL

-- MySQL Script generated by MySQL Workbench

-- Sun Oct 14 20:45:10 2018

-- Model: New Model Version: 1.0

-- MySQL Workbench Forward Engineering

SET @OLD\_UNIQUE\_CHECKS=@@UNIQUE\_CHECKS, UNIQUE\_CHECKS=0;

SET @OLD\_FOREIGN\_KEY\_CHECKS=@@FOREIGN\_KEY\_CHECKS, FOREIGN\_KEY\_CHECKS=0;

SET @OLD\_SQL\_MODE=@@SQL\_MODE,

SQL\_MODE='ONLY\_FULL\_GROUP\_BY,STRICT\_TRANS\_TABLES,NO\_ZERO\_IN\_DATE,NO\_ZERO\_DATE  
,ERROR\_FOR\_DIVISION\_BY\_ZERO,NO\_ENGINE\_SUBSTITUTION';

-----

-- Schema HW2

-----

DROP SCHEMA IF EXISTS `HW2` ;

-----

-- Schema HW2

-----

CREATE SCHEMA IF NOT EXISTS `HW2` DEFAULT CHARACTER SET utf8 ;

USE `HW2` ;

-----

-- Table `HW2`.`Customer Info`

-----

DROP TABLE IF EXISTS `HW2`.`Customer Info` ;

```
CREATE TABLE IF NOT EXISTS `HW2`.`Customer Info` (  
  `Customer ID` INT NOT NULL AUTO_INCREMENT,  
  `Name` VARCHAR(45) NULL,  
  `Address` VARCHAR(45) NULL,  
  PRIMARY KEY (`Customer ID`),  
  UNIQUE INDEX `Customer_ID_UNIQUE` (`Customer ID` ASC) VISIBLE)  
ENGINE = InnoDB;
```

```
-- -----  
-- Table `HW2`.`Customer Invoice`  
-- -----
```

```
DROP TABLE IF EXISTS `HW2`.`Customer Invoice` ;
```

```
CREATE TABLE IF NOT EXISTS `HW2`.`Customer Invoice` (  
  `Invoice No.` INT NOT NULL AUTO_INCREMENT,  
  `Invoice Date` DATE NULL,  
  `Customer ID` INT NOT NULL,  
  `Invoice Total` INT NULL,  
  PRIMARY KEY (`Invoice No.`),  
  INDEX `Customer_ID_idx` (`Customer ID` ASC) VISIBLE,  
  UNIQUE INDEX `Invoice_Number_UNIQUE` (`Invoice No.` ASC) VISIBLE,  
  CONSTRAINT `Customer_ID`  
    FOREIGN KEY (`Customer ID`)  
    REFERENCES `HW2`.`Customer Info` (`Customer ID`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION)
```

**ENGINE = InnoDB;**

-----  
**-- Table `HW2`.`Product Details`**  
-----

**DROP TABLE IF EXISTS `HW2`.`Product Details` ;**

**CREATE TABLE IF NOT EXISTS `HW2`.`Product Details` (  
    `Product No.` INT NOT NULL AUTO\_INCREMENT,  
    `Description` VARCHAR(45) NULL,  
    `Std. Price` FLOAT NULL,  
    PRIMARY KEY (`Product No.`),  
    UNIQUE INDEX `Product\_Number\_UNIQUE` (`Product No.` ASC) VISIBLE)  
**ENGINE = InnoDB;****

-----  
**-- Table `HW2`.`Product Invoice`**  
-----

**DROP TABLE IF EXISTS `HW2`.`Product Invoice` ;**

**CREATE TABLE IF NOT EXISTS `HW2`.`Product Invoice` (  
    `Invoice No.` INT NOT NULL,  
    `Disc. Code` VARCHAR(45) NULL,  
    `Disc. Price` FLOAT NULL,  
    `Quantity` INT NULL,**

```
`Price` FLOAT NULL,  
`Product Details_Product No.` INT NOT NULL,  
PRIMARY KEY (`Invoice No.`),  
INDEX `Invoice_Number_idx` (`Invoice No.` ASC) VISIBLE,  
INDEX `fk_Product Invoice_Product Details1_idx` (`Product Details_Product No.` ASC) VISIBLE,  
CONSTRAINT `Invoice_Number`  
    FOREIGN KEY (`Invoice No.`)  
    REFERENCES `HW2`.`Customer Invoice` (`Invoice No.`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION,  
CONSTRAINT `fk_Product Invoice_Product Details1`  
    FOREIGN KEY (`Product Details_Product No.`)  
    REFERENCES `HW2`.`Product Details` (`Product No.`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION)  
ENGINE = InnoDB;  
  
SET SQL_MODE=@OLD_SQL_MODE;  
SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS;  
SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS;
```