

-- MySQL Workbench Synchronization

-- Generated: 2020-07-13 16:04

-- Model: New Model

-- Version: 1.0

-- Project: Final Project

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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';

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

CREATE TABLE IF NOT EXISTS `resturant`.`Items` (

`Number` INT(11) NOT NULL,

`Name` VARCHAR(100) NULL DEFAULT NULL,

`Price` DOUBLE NULL DEFAULT NULL,

`Quantity` INT(11) NULL DEFAULT NULL,

PRIMARY KEY (`Number`))

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

CREATE TABLE IF NOT EXISTS `resturant`.`can_have` (

`Items_Number` INT(11) NOT NULL,

`Sales_Number` INT(11) NOT NULL,

PRIMARY KEY (`Items_Number`, `Sales_Number`),

INDEX `fk_can_have_Sales1_idx` (`Sales_Number` ASC) VISIBLE,

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CONSTRAINT `fk_can_have_Items`
  FOREIGN KEY (`Items_Number`)
  REFERENCES `resturant`.`Items` (`Number`)
  ON DELETE NO ACTION
  ON UPDATE NO ACTION,
CONSTRAINT `fk_can_have_Sales1`
  FOREIGN KEY (`Sales_Number`)
  REFERENCES `resturant`.`Sales` (`Sales_ID`)
  ON DELETE NO ACTION
  ON UPDATE NO ACTION)
ENGINE = InnoDB
DEFAULT CHARACTER SET = utf8;

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CREATE TABLE IF NOT EXISTS `resturant`.`Sales` (
  `Sales_ID` INT(11) NOT NULL,
  `Report_Date` DATE NOT NULL,
  PRIMARY KEY (`Sales_ID`, `Report_Date`),
  INDEX `fk_Sales_Report1_idx` (`Report_Date` ASC) VISIBLE,
  CONSTRAINT `fk_Sales_Report1`
    FOREIGN KEY (`Report_Date`)
    REFERENCES `resturant`.`Report` (`Date`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION)
ENGINE = InnoDB
DEFAULT CHARACTER SET = utf8;

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CREATE TABLE IF NOT EXISTS `resturant`.`Report` (
  `Date` DATE NOT NULL,
  `Sales` FLOAT(11) NULL DEFAULT NULL,

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`Taxes` FLOAT(11) NULL DEFAULT NULL,  
`Revenue` FLOAT(11) NULL DEFAULT NULL,  
`Tips` DOUBLE NULL DEFAULT NULL,  
PRIMARY KEY (`Date`))  
ENGINE = InnoDB  
DEFAULT CHARACTER SET = utf8;
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CREATE TABLE IF NOT EXISTS `restaurant`.`Employee` (  
  `Employee_ID` INT(11) NOT NULL,  
  `Employee_Name` VARCHAR(100) NULL DEFAULT NULL,  
  `Position` VARCHAR(100) NULL DEFAULT NULL,  
  `Manager_ID` INT(11) NOT NULL,  
  PRIMARY KEY (`Employee_ID`),  
  INDEX `fk_Employee_Employee1_idx` (`Manager_ID` ASC) VISIBLE,  
  CONSTRAINT `fk_Employee_Employee1`  
    FOREIGN KEY (`Manager_ID`)  
    REFERENCES `restaurant`.`Employee` (`Employee_ID`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION)  
ENGINE = InnoDB  
DEFAULT CHARACTER SET = utf8;
```

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CREATE TABLE IF NOT EXISTS `restaurant`.`Employee_has_report` (  
  `Employee_Code` INT(11) NOT NULL,  
  `Report_Date` DATE NOT NULL,  
  PRIMARY KEY (`Employee_Code`, `Report_Date`),  
  INDEX `fk_Employee_has_report_Report1_idx` (`Report_Date` ASC) VISIBLE,  
  CONSTRAINT `fk_Employee_has_report_Employee1`  
    FOREIGN KEY (`Employee_Code`)
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REFERENCES `resturant`.`Employee` (`Employee_ID`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk_Employee_has_report_Report1`

FOREIGN KEY (`Report_Date`)

REFERENCES `resturant`.`Report` (`Date`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

CREATE TABLE IF NOT EXISTS `resturant`.`Orders` (

`Order_Number` INT(11) NOT NULL,

`Quantity` DOUBLE NULL DEFAULT NULL,

`Type` VARCHAR(45) NULL DEFAULT NULL,

`Order_Date` DATE NULL DEFAULT NULL,

`Sales_Sales_ID` INT(11) NOT NULL,

`Payment_Code` INT(11) NOT NULL,

PRIMARY KEY (`Order_Number`),

INDEX `fk_Orders_Sales1_idx` (`Sales_Sales_ID` ASC) VISIBLE,

INDEX `fk_Orders_Payment1_idx` (`Payment_Code` ASC) VISIBLE,

CONSTRAINT `fk_Orders_Sales1`

FOREIGN KEY (`Sales_Sales_ID`)

REFERENCES `resturant`.`Sales` (`Sales_ID`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk_Orders_Payment1`

FOREIGN KEY (`Payment_Code`)

REFERENCES `resturant`.`Payment` (`Authorization_Code`)

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ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

CREATE TABLE IF NOT EXISTS `resturant`.`Payment` (

`Authorization_Code` INT(11) NOT NULL,

`Online` DOUBLE NULL DEFAULT NULL,

`Cash` DOUBLE NULL DEFAULT NULL,

`Coupons` DOUBLE NULL DEFAULT NULL,

PRIMARY KEY (`Authorization_Code`))

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

CREATE TABLE IF NOT EXISTS `resturant`.`Promotions` (

`Rewards_ID` INT(11) NOT NULL,

`Giftcard_Number` INT(11) NOT NULL,

`Promotion_Payment_Code` INT(11) NOT NULL,

PRIMARY KEY (`Rewards_ID`, `Giftcard_Number`),

INDEX `fk_Promotions_Payment1_idx` (`Promotion_Payment_Code` ASC) VISIBLE,

CONSTRAINT `fk_Promotions_Payment1`

FOREIGN KEY (`Promotion_Payment_Code`)

REFERENCES `resturant`.`Payment` (`Authorization_Code`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

CREATE TABLE IF NOT EXISTS `resturant`.`Custom_Order` (

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`Custom_ID` INT(11) NOT NULL,
`Custom_Name` VARCHAR(200) NULL DEFAULT NULL,
`Custom_Price` DOUBLE NULL DEFAULT NULL,
`Special_Note` VARCHAR(200) NULL DEFAULT NULL,
`Custom_Order_Number` INT(11) NOT NULL,
PRIMARY KEY (`Custom_ID`, `Custom_Order_Number`),
INDEX `fk_Custom_Order_Orders1_idx` (`Custom_Order_Number` ASC) VISIBLE,
CONSTRAINT `fk_Custom_Order_Orders1`
FOREIGN KEY (`Custom_Order_Number`)
REFERENCES `resturant`.`Orders` (`Order_Number`)
ON DELETE NO ACTION
ON UPDATE NO ACTION)
ENGINE = InnoDB
DEFAULT CHARACTER SET = utf8;

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CREATE TABLE IF NOT EXISTS `resturant`.`Reservation` (
  `Reservation_Number` INT(11) NOT NULL,
  `Customer_Phone` INT(11) NULL DEFAULT NULL,
  `Customer_Email` VARCHAR(100) NULL DEFAULT NULL,
  `Customer_name` VARCHAR(100) NULL DEFAULT NULL,
  `Date` DATE NULL DEFAULT NULL,
  PRIMARY KEY (`Reservation_Number`))
ENGINE = InnoDB
DEFAULT CHARACTER SET = utf8;

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CREATE TABLE IF NOT EXISTS `resturant`.`Helps_In` (
  `Reserve_Number` INT(11) NOT NULL,
  `Rewards_Number` INT(11) NOT NULL,
  `Giftcard_Number` INT(11) NOT NULL,

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PRIMARY KEY (`Reserve_Number`, `Rewards_Number`, `Giftcard_Number`),  
  
INDEX `fk_Reservation_has_Promotions_Promotions1_idx` (`Rewards_Number` ASC,  
`Giftcard_Number` ASC) VISIBLE,  
  
INDEX `fk_Reservation_has_Promotions_Reservation1_idx` (`Reserve_Number` ASC) VISIBLE,  
  
CONSTRAINT `fk_Reservation_has_Promotions_Reservation1`  
  
FOREIGN KEY (`Reserve_Number`)  
  
REFERENCES `restaurant`.`Reservation` (`Reservation_Number`)  
  
ON DELETE NO ACTION  
  
ON UPDATE NO ACTION,  
  
CONSTRAINT `fk_Reservation_has_Promotions_Promotions1`  
  
FOREIGN KEY (`Rewards_Number`, `Giftcard_Number`)  
  
REFERENCES `restaurant`.`Promotions` (`Rewards_ID`, `Giftcard_Number`)  
  
ON DELETE NO ACTION  
  
ON UPDATE NO ACTION)  
  
ENGINE = InnoDB  
  
DEFAULT CHARACTER SET = utf8;
```

```
SET SQL_MODE=@OLD_SQL_MODE;  
  
SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS;  
  
SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS;
```