



East West University

Course title: Database Systems

Course code: CSE302

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Section: 6

Wholesale management system

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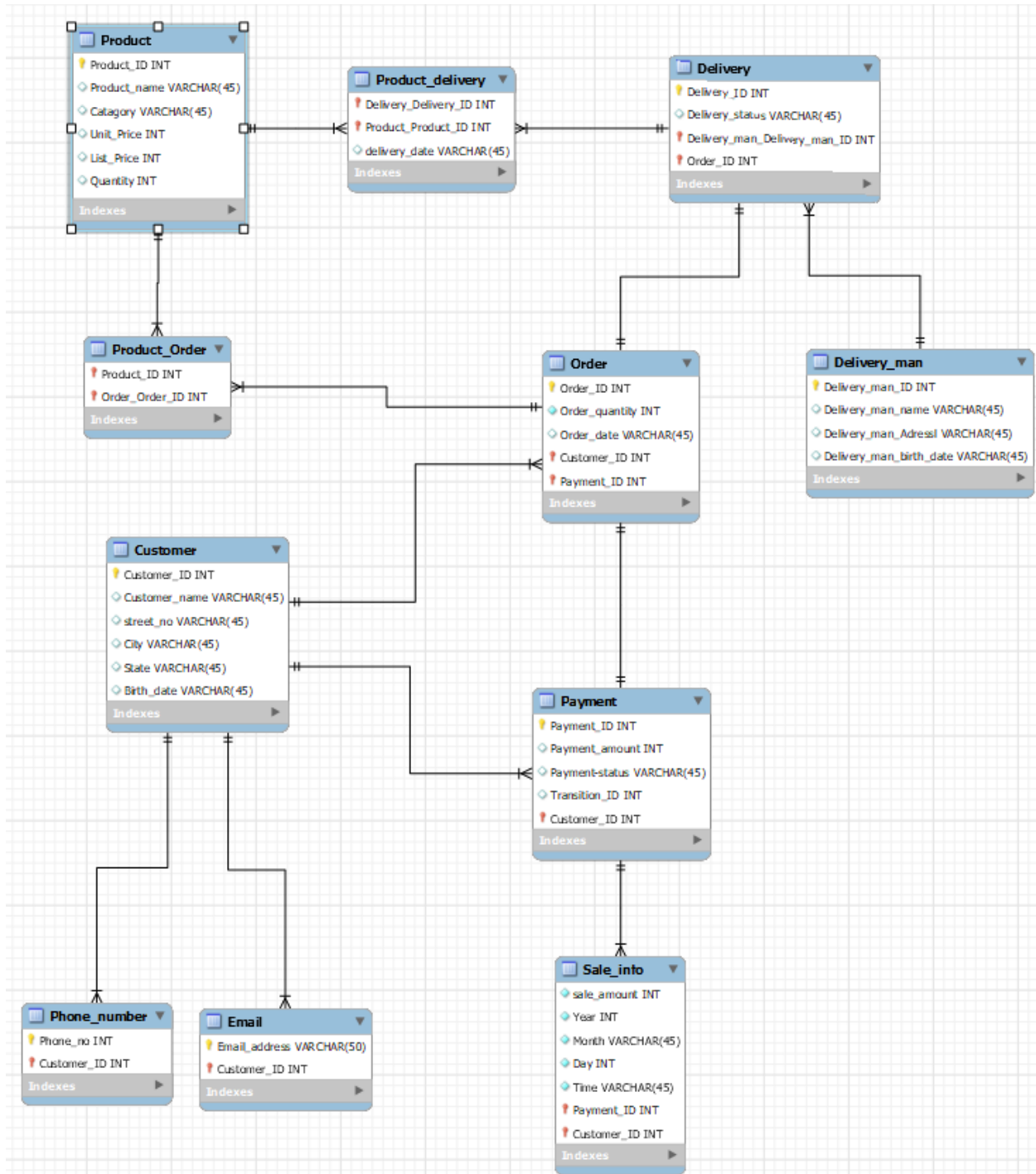
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Diagram:



-- 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 mydb

-- Schema mydb

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

USE `mydb` ;

-- Table `mydb`.`Customer`

CREATE TABLE IF NOT EXISTS `mydb`.`Customer` (

`Customer_ID` INT NOT NULL,

`Customer_name` VARCHAR(45) NULL,

`street_no` VARCHAR(45) NULL,

`City` VARCHAR(45) NULL,

`State` VARCHAR(45) NULL,

```
`Birth_date` VARCHAR(45) NULL,  
PRIMARY KEY (`Customer_ID`))  
ENGINE = InnoDB;
```

```
-- Table `mydb`.`Phone_number`  
-----
```

```
CREATE TABLE IF NOT EXISTS `mydb`.`Phone_number` (  
  `Phone_no` INT NOT NULL,  
  `Customer_ID` INT NOT NULL,  
  PRIMARY KEY (`Phone_no`, `Customer_ID`),  
  INDEX `fk_Phone_number_Customer_idx` (`Customer_ID` ASC) VISIBLE,  
  CONSTRAINT `fk_Phone_number_Customer`  
    FOREIGN KEY (`Customer_ID`)  
      REFERENCES `mydb`.`Customer` (`Customer_ID`)  
      ON DELETE NO ACTION  
      ON UPDATE NO ACTION)  
ENGINE = InnoDB;
```

```
-- Table `mydb`.`Email`  
-----
```

```
CREATE TABLE IF NOT EXISTS `mydb`.`Email` (  
  `Email_address` VARCHAR(50) NOT NULL,  
  `Customer_ID` INT NOT NULL,  
  PRIMARY KEY (`Email_address`, `Customer_ID`),  
  INDEX `fk_Email_Customer1_idx` (`Customer_ID` ASC) VISIBLE,
```

```
CONSTRAINT `fk_Email_Customer1`  
  FOREIGN KEY (`Customer_ID`)  
  REFERENCES `mydb`.`Customer` (`Customer_ID`)  
  ON DELETE NO ACTION  
  ON UPDATE NO ACTION)  
ENGINE = InnoDB;
```

```
-- Table `mydb`.`Payment`
```

```
CREATE TABLE IF NOT EXISTS `mydb`.`Payment` (  
  `Payment_ID` INT NOT NULL,  
  `Payment_amount` INT NULL,  
  `Payment-status` VARCHAR(45) NULL,  
  `Transition_ID` INT NULL,  
  `Customer_ID` INT NOT NULL,  
  PRIMARY KEY (`Payment_ID`, `Customer_ID`),  
  INDEX `fk_Payment_Customer1_idx` (`Customer_ID` ASC) VISIBLE,  
  CONSTRAINT `fk_Payment_Customer1`  
    FOREIGN KEY (`Customer_ID`)  
    REFERENCES `mydb`.`Customer` (`Customer_ID`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION)  
ENGINE = InnoDB;
```

```
-- Table `mydb`.`Order`
```

```
-----  
CREATE TABLE IF NOT EXISTS `mydb`.`Order` (  
  `Order_ID` INT NOT NULL,  
  `Order_quantity` INT NOT NULL,  
  `Order_date` VARCHAR(45) NULL,  
  `Customer_ID` INT NOT NULL,  
  `Payment_ID` INT NOT NULL,  
  PRIMARY KEY (`Order_ID`, `Customer_ID`, `Payment_ID`),  
  INDEX `fk_Order_Customer1_idx` (`Customer_ID` ASC) VISIBLE,  
  INDEX `fk_Order_Payment1_idx` (`Payment_ID` ASC) VISIBLE,  
  CONSTRAINT `fk_Order_Customer1`  
    FOREIGN KEY (`Customer_ID`)  
    REFERENCES `mydb`.`Customer` (`Customer_ID`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION,  
  CONSTRAINT `fk_Order_Payment1`  
    FOREIGN KEY (`Payment_ID`)  
    REFERENCES `mydb`.`Payment` (`Payment_ID`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION)  
ENGINE = InnoDB;
```

```
-----  
-- Table `mydb`.`Sale_info`  
-----
```

```
CREATE TABLE IF NOT EXISTS `mydb`.`Sale_info` (  
  `sale_amount` INT NOT NULL,  
  `Year` INT NOT NULL,
```

```

`Month` VARCHAR(45) NOT NULL,
`Day` INT NOT NULL,
`Time` VARCHAR(45) NOT NULL,
`Payment_ID` INT NOT NULL,
`Customer_ID` INT NOT NULL,
PRIMARY KEY (`Payment_ID`, `Customer_ID`),
CONSTRAINT `fk_Sale_info_Payment1`
FOREIGN KEY (`Payment_ID`, `Customer_ID`)
REFERENCES `mydb`.`Payment` (`Payment_ID`, `Customer_ID`)
ON DELETE NO ACTION
ON UPDATE NO ACTION)
ENGINE = InnoDB;

```

```

-----
-- Table `mydb`.`Product`
-----

```

```

CREATE TABLE IF NOT EXISTS `mydb`.`Product` (
  `Product_ID` INT NOT NULL,
  `Product_name` VARCHAR(45) NULL,
  `Catagory` VARCHAR(45) NULL,
  `Unit_Price` INT NULL,
  `List_Price` INT NULL,
  `Quantity` INT NULL,
  PRIMARY KEY (`Product_ID`))
ENGINE = InnoDB;

```

-- Table `mydb`.`Delivery_man`

CREATE TABLE IF NOT EXISTS `mydb`.`Delivery_man` (

 `Delivery_man_ID` INT NOT NULL,

 `Delivery_man_name` VARCHAR(45) NULL,

 `Delivery_man_Adressl` VARCHAR(45) NULL,

 `Delivery_man_birth_date` VARCHAR(45) NULL,

 PRIMARY KEY (`Delivery_man_ID`))

ENGINE = InnoDB;

-- Table `mydb`.`Delivery`

CREATE TABLE IF NOT EXISTS `mydb`.`Delivery` (

 `Delivery_ID` INT NOT NULL,

 `Delivery_status` VARCHAR(45) NULL,

 `Delivery_man_Delivery_man_ID` INT NOT NULL,

 `Order_ID` INT NOT NULL,

 PRIMARY KEY (`Delivery_ID`, `Delivery_man_Delivery_man_ID`, `Order_ID`),

 INDEX `fk_Delivery_Delivery_man1_idx` (`Delivery_man_Delivery_man_ID` ASC) VISIBLE,

 INDEX `fk_Delivery_Order1_idx` (`Order_ID` ASC) VISIBLE,

 CONSTRAINT `fk_Delivery_Delivery_man1`

 FOREIGN KEY (`Delivery_man_Delivery_man_ID`)

 REFERENCES `mydb`.`Delivery_man` (`Delivery_man_ID`)

 ON DELETE NO ACTION

 ON UPDATE NO ACTION,

 CONSTRAINT `fk_Delivery_Order1`

 FOREIGN KEY (`Order_ID`)


```
REFERENCES `mydb`.`Order` (`Order_ID`)
ON DELETE NO ACTION
ON UPDATE NO ACTION)
ENGINE = InnoDB;
```

```
-----
-- Table `mydb`.`Product_delivery`
-----
```

```
CREATE TABLE IF NOT EXISTS `mydb`.`Product_delivery` (
  `Delivery_Delivery_ID` INT NOT NULL,
  `Product_Product_ID` INT NOT NULL,
  `delivery_date` VARCHAR(45) NULL,
  PRIMARY KEY (`Delivery_Delivery_ID`, `Product_Product_ID`),
  INDEX `fk_Delivery_has_Product_Product1_idx` (`Product_Product_ID` ASC) VISIBLE,
  INDEX `fk_Delivery_has_Product_Delivery1_idx` (`Delivery_Delivery_ID` ASC) VISIBLE,
  CONSTRAINT `fk_Delivery_has_Product_Delivery1`
    FOREIGN KEY (`Delivery_Delivery_ID`)
      REFERENCES `mydb`.`Delivery` (`Delivery_ID`)
        ON DELETE NO ACTION
        ON UPDATE NO ACTION,
  CONSTRAINT `fk_Delivery_has_Product_Product1`
    FOREIGN KEY (`Product_Product_ID`)
      REFERENCES `mydb`.`Product` (`Product_ID`)
        ON DELETE NO ACTION
        ON UPDATE NO ACTION)
ENGINE = InnoDB;
```

```
-- Table `mydb`.`Product_Order`
```

```
CREATE TABLE IF NOT EXISTS `mydb`.`Product_Order` (  
  `Product_ID` INT NOT NULL,  
  `Order_Order_ID` INT NOT NULL,  
  PRIMARY KEY (`Product_ID`, `Order_Order_ID`),  
  INDEX `fk_Product_has_Order_Order1_idx` (`Order_Order_ID` ASC) VISIBLE,  
  INDEX `fk_Product_has_Order_Product1_idx` (`Product_ID` ASC) VISIBLE,  
  CONSTRAINT `fk_Product_has_Order_Product1`  
    FOREIGN KEY (`Product_ID`)  
    REFERENCES `mydb`.`Product` (`Product_ID`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION,  
  CONSTRAINT `fk_Product_has_Order_Order1`  
    FOREIGN KEY (`Order_Order_ID`)  
    REFERENCES `mydb`.`Order` (`Order_ID`)  
    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;
```