**East West University**

**Course title: Database Systems**

**Course code: CSE302**

**Spring 2022**

**Section: 6**

**Wholesale management system**

**Submitted To:**

**Dr. Md Anisur Rahman**

Professor,

Department of Computer Science and Engineering

Khulna University, Khulna

**Submitted By:**

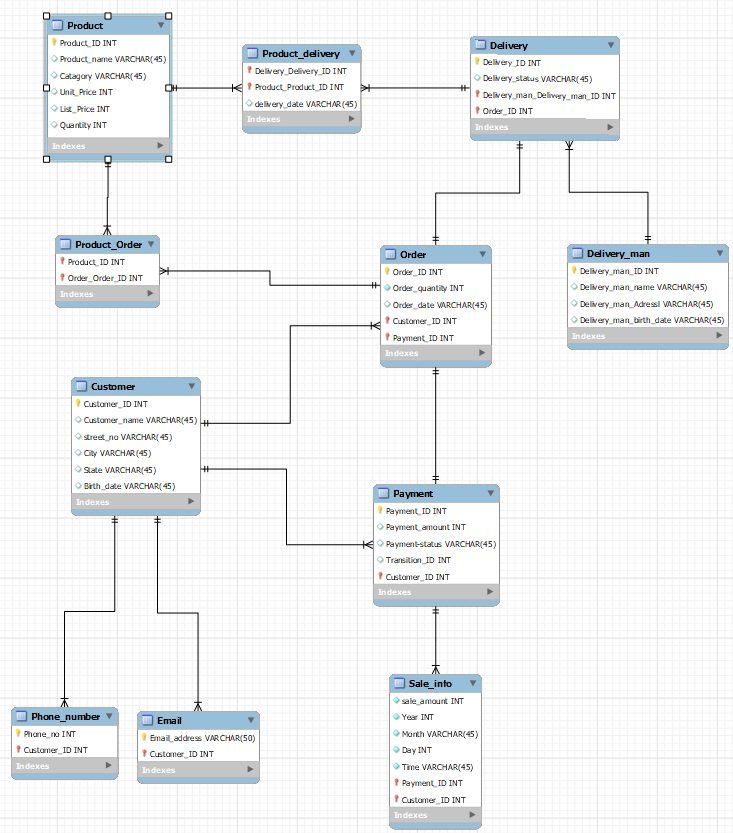
|  |  |
| --- | --- |
| **Mysha Maliha Priyanka** | 2020-1-60-230 |
| **K. M. Safin Kamal** | 2020-1-60-235 |
| **Md.Hasibur Rahman** | 2020-1-60-068 |
| **Md.Arash kursy Sourov** | 2020-1-60-177 |

Department of Computer Science and Engineering

East West University, Dhaka

Date of Submission: 27/ 03 / 2022

**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;