-- 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';

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-- Schema mydb

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

USE `mydb` ;

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-- Table `mydb`.`User`

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

`UserID` INT NOT NULL,

`Password` VARCHAR(45) NOT NULL,

`UserName` VARCHAR(45) NOT NULL,

`UserSurname` VARCHAR(45) NOT NULL,

`UserLevel` INT NOT NULL,

PRIMARY KEY (`UserID`))

ENGINE = InnoDB;

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-- Table `mydb`.`DriverInfo`

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

`DriverInfoID` INT NOT NULL,

`DriverSuggestions` VARCHAR(145) NULL,

`DriverLocation` VARCHAR(45) NULL,

`DriverAllowance` VARCHAR(45) NULL,

`User\_UserID` INT NOT NULL,

PRIMARY KEY (`DriverInfoID`),

INDEX `fk\_DriverInfo\_User1\_idx` (`User\_UserID` ASC) VISIBLE,

CONSTRAINT `fk\_DriverInfo\_User1`

FOREIGN KEY (`User\_UserID`)

REFERENCES `mydb`.`User` (`UserID`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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-- Table `mydb`.`Vehicle`

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

`VehicleNo` INT NOT NULL,

`RegistrationNumber` VARCHAR(45) NULL,

`Maintenance` INT NULL,

`AdditionalNotes` VARCHAR(45) NULL,

`Cargo` VARCHAR(45) NULL,

PRIMARY KEY (`VehicleNo`))

ENGINE = InnoDB;

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-- Table `mydb`.`Route`

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

`RouteID` INT NOT NULL,

`Path` VARCHAR(45) NULL,

PRIMARY KEY (`RouteID`))

ENGINE = InnoDB;

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-- Table `mydb`.`Delivery`

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

`DeliveryID` INT NOT NULL,

`RecipientName` VARCHAR(45) NULL,

`BussinessName` VARCHAR(45) NULL,

`AddressLine1` VARCHAR(45) NULL,

`AddressLine2` VARCHAR(45) NULL,

`Suburb` VARCHAR(45) NULL,

`City/Town` VARCHAR(45) NULL,

`PostalCode` VARCHAR(45) NULL,

`ContactNumber` VARCHAR(10) NULL,

`Cargo` VARCHAR(45) NULL,

`CurrentLocation` VARCHAR(45) NULL,

`Vehicle\_VehicleNo` INT NOT NULL,

`Route\_RouteID` INT NOT NULL,

`DriverInfo\_DriverInfoID` INT NOT NULL,

PRIMARY KEY (`DeliveryID`),

INDEX `fk\_Delivery\_Vehicle1\_idx` (`Vehicle\_VehicleNo` ASC) VISIBLE,

INDEX `fk\_Delivery\_Route1\_idx` (`Route\_RouteID` ASC) VISIBLE,

INDEX `fk\_Delivery\_DriverInfo1\_idx` (`DriverInfo\_DriverInfoID` ASC) VISIBLE,

CONSTRAINT `fk\_Delivery\_Vehicle1`

FOREIGN KEY (`Vehicle\_VehicleNo`)

REFERENCES `mydb`.`Vehicle` (`VehicleNo`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_Delivery\_Route1`

FOREIGN KEY (`Route\_RouteID`)

REFERENCES `mydb`.`Route` (`RouteID`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_Delivery\_DriverInfo1`

FOREIGN KEY (`DriverInfo\_DriverInfoID`)

REFERENCES `mydb`.`DriverInfo` (`DriverInfoID`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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-- Table `mydb`.`Admin`

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

`AdminID` INT NOT NULL,

`User\_UserID` INT NOT NULL,

PRIMARY KEY (`AdminID`),

INDEX `fk\_Admin\_User\_idx` (`User\_UserID` ASC) VISIBLE,

CONSTRAINT `fk\_Admin\_User`

FOREIGN KEY (`User\_UserID`)

REFERENCES `mydb`.`User` (`UserID`)

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;