

-- MySQL Script generated by MySQL Workbench
-- Sun Sep 27 18:59:39 2020
-- 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 mydb

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

-- Table `mydb`.`NeuteredSpayed_Info`

DROP TABLE IF EXISTS `mydb`.`NeuteredSpayed_Info` ;

CREATE TABLE IF NOT EXISTS `mydb`.`NeuteredSpayed_Info` (
 `Gender` VARCHAR(45) NOT NULL,
 `NeuterSpay` VARCHAR(45) NOT NULL,
 PRIMARY KEY (`Gender`))
ENGINE = InnoDB;

-- Table `mydb`.`PetRecord`

DROP TABLE IF EXISTS `mydb`.`PetRecord` ;

CREATE TABLE IF NOT EXISTS `mydb`.`PetRecord` (
 `PetID` INT NOT NULL,
 `OwnerName` VARCHAR(45) NOT NULL,
 `PetName` VARCHAR(45) NOT NULL,
 `Breed` VARCHAR(45) NOT NULL,
 `Color` VARCHAR(45) NOT NULL,
 `Markings` VARCHAR(45) NULL,
 `Age` INT NOT NULL,
 `Gender` VARCHAR(45) NOT NULL,
 `NeuteredSpayed_Info_Gender` VARCHAR(45) NOT NULL,
 PRIMARY KEY (`PetID`),
 CONSTRAINT `fk_PetRecord_NeuteredSpayed_Info1`
 FOREIGN KEY (`NeuteredSpayed_Info_Gender`)
 REFERENCES `mydb`.`NeuteredSpayed_Info` (`Gender`)
 ON DELETE NO ACTION
 ON UPDATE NO ACTION)

ENGINE = InnoDB;

CREATE INDEX `fk_PetRecord_NeuterredSpayed_Info1_idx` ON `mydb`.`PetRecord` (`NeuterredSpayed_Info_Gender` ASC) VISIBLE;

-- Table `mydb`.`PetOwner`

DROP TABLE IF EXISTS `mydb`.`PetOwner` ;

CREATE TABLE IF NOT EXISTS `mydb`.`PetOwner` (
 `PetID` INT NOT NULL,
 `OwnerName` VARCHAR(45) NOT NULL,
 `PhoneNumber` VARCHAR(45) NOT NULL,
 `PetRecord_PetID` INT NOT NULL,
 PRIMARY KEY (`PetID`, `OwnerName`, `PetRecord_PetID`),
 CONSTRAINT `fk_PetOwner_PetRecord`
 FOREIGN KEY (`PetRecord_PetID`)
 REFERENCES `mydb`.`PetRecord` (`PetID`)
 ON DELETE NO ACTION
 ON UPDATE NO ACTION)
ENGINE = InnoDB;

CREATE INDEX `fk_PetOwner_PetRecord_idx` ON `mydb`.`PetOwner` (`PetRecord_PetID` ASC) VISIBLE;

-- Table `mydb`.`Pet_Visit_Record`

DROP TABLE IF EXISTS `mydb`.`Pet_Visit_Record` ;

CREATE TABLE IF NOT EXISTS `mydb`.`Pet_Visit_Record` (
 `PetID` INT NOT NULL,
 `VisitID` INT NOT NULL,
 `VisitDate` DATETIME NOT NULL,
 `Weight` INT NOT NULL,
 `Temp` INT NOT NULL,
 `BP` INT NOT NULL,
 `Pulse` INT NOT NULL,
 `Respiration` INT NOT NULL,
 `Pain` VARCHAR(45) NOT NULL,
 `VetInitials` VARCHAR(45) NOT NULL,
 `PetRecord_PetID` INT NOT NULL,
 PRIMARY KEY (`VisitID`, `PetID`, `PetRecord_PetID`),
 CONSTRAINT `fk_Pet_Visit_Record_PetRecord1`
 FOREIGN KEY (`PetRecord_PetID`)
 REFERENCES `mydb`.`PetRecord` (`PetID`)
 ON DELETE NO ACTION
 ON UPDATE NO ACTION)
ENGINE = InnoDB;

CREATE INDEX `fk_Pet_Visit_Record_PetRecord1_idx` ON `mydb`.`Pet_Visit_Record` (`PetRecord_PetID` ASC) VISIBLE;

-- Table `mydb`.`Immunization_Type`

DROP TABLE IF EXISTS `mydb`.`Immunization_Type` ;

CREATE TABLE IF NOT EXISTS `mydb`.`Immunization_Type` (
 `ImmunizationType` VARCHAR(45) NOT NULL,
 `ImmunizationDetails` VARCHAR(45) NULL,
 PRIMARY KEY (`ImmunizationType`))
ENGINE = InnoDB;

-- Table `mydb`.`Immunization_Record`

DROP TABLE IF EXISTS `mydb`.`Immunization_Record` ;

CREATE TABLE IF NOT EXISTS `mydb`.`Immunization_Record` (
 `PetID` INT NOT NULL,
 `ImmunizationID` INT NOT NULL,
 `ImmunizationDate` DATETIME NULL,
 `NextDue` DATETIME NULL,
 `ImmunizationType` VARCHAR(45) NULL,
 `PetRecord_PetID` INT NOT NULL,
 `Immunization_Type_ImmunizationType` VARCHAR(45) NOT NULL,
 PRIMARY KEY (`PetID`, `ImmunizationID`, `PetRecord_PetID`),
 CONSTRAINT `fk_Immunization_Record_PetRecord1`
 FOREIGN KEY (`PetRecord_PetID`)
 REFERENCES `mydb`.`PetRecord` (`PetID`)
 ON DELETE NO ACTION
 ON UPDATE NO ACTION,
 CONSTRAINT `fk_Immunization_Record_Immunization_Type1`
 FOREIGN KEY (`Immunization_Type_ImmunizationType`)
 REFERENCES `mydb`.`Immunization_Type` (`ImmunizationType`)
 ON DELETE NO ACTION
 ON UPDATE NO ACTION)
ENGINE = InnoDB;

CREATE INDEX `fk_Immunization_Record_PetRecord1_idx` ON `mydb`.`Immunization_Record` (`PetRecord_PetID` ASC) VISIBLE;

CREATE INDEX `fk_Immunization_Record_Immunization_Type1_idx` ON `mydb`.`Immunization_Record` (`Immunization_Type_ImmunizationType` ASC) VISIBLE;

-- Table `mydb`.`Condition_History`

DROP TABLE IF EXISTS `mydb`.`Condition_History` ;

CREATE TABLE IF NOT EXISTS `mydb`.`Condition_History` (
 `PetID` INT NOT NULL,

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`ConditionID` INT NOT NULL,  
`ConditionName` VARCHAR(45) NULL,  
`ConditionDetails` VARCHAR(45) NULL,  
`PetRecord_PetID` INT NOT NULL,  
PRIMARY KEY (`PetID`, `ConditionID`, `PetRecord_PetID`),  
CONSTRAINT `fk_Condition_History_PetRecord1`  
  FOREIGN KEY (`PetRecord_PetID`)  
  REFERENCES `mydb`.`PetRecord` (`PetID`)  
  ON DELETE NO ACTION  
  ON UPDATE NO ACTION)  
ENGINE = InnoDB;
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CREATE INDEX `fk_Condition_History_PetRecord1_idx` ON `mydb`.`Condition_History` (`PetRecord_PetID` ASC)  
VISIBLE;
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-- -----  
-- Table `mydb`.`Surgical_History`  
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DROP TABLE IF EXISTS `mydb`.`Surgical_History` ;
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CREATE TABLE IF NOT EXISTS `mydb`.`Surgical_History` (  
  `PetID` INT NOT NULL,  
  `SurgicalID` INT NOT NULL,  
  `SurgicalDate` DATETIME NULL,  
  `ProcedureName` VARCHAR(45) NULL,  
  `SurgicalDetails` VARCHAR(45) NULL,  
  `PetRecord_PetID` INT NOT NULL,  
  PRIMARY KEY (`PetID`, `SurgicalID`, `PetRecord_PetID`),  
  CONSTRAINT `fk_Surgical_History_PetRecord1`  
    FOREIGN KEY (`PetRecord_PetID`)  
    REFERENCES `mydb`.`PetRecord` (`PetID`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION)  
ENGINE = InnoDB;
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CREATE INDEX `fk_Surgical_History_PetRecord1_idx` ON `mydb`.`Surgical_History` (`PetRecord_PetID` ASC)  
VISIBLE;
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-- -----  
-- Table `mydb`.`Medical_History`  
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DROP TABLE IF EXISTS `mydb`.`Medical_History` ;
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CREATE TABLE IF NOT EXISTS `mydb`.`Medical_History` (  
  `PetID` INT NOT NULL,  
  `MedicalID` INT NOT NULL,  
  `DHPP` DATETIME NULL,  
  `Lepto` DATETIME NULL,  
  `Bordetella` DATETIME NULL,  
  `Rabies` DATETIME NULL,  
  `Lyme` DATETIME NULL,  
  `Giardia` DATETIME NULL,
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`FecalExam` DATETIME NULL,  
`HeartwormTest` DATETIME NULL,  
`Other` DATETIME NULL,  
`TimeSpentOutside` INT NOT NULL,  
`PetRecord_PetID` INT NOT NULL,  
PRIMARY KEY (`PetID`, `MedicalID`, `PetRecord_PetID`),  
CONSTRAINT `fk_Medical_History_PetRecord1`  
  FOREIGN KEY (`PetRecord_PetID`)  
    REFERENCES `mydb`.`PetRecord` (`PetID`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION)  
ENGINE = InnoDB;
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```
CREATE INDEX `fk_Medical_History_PetRecord1_idx` ON `mydb`.`Medical_History` (`PetRecord_PetID` ASC)  
VISIBLE;
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SET SQL_MODE=@OLD_SQL_MODE;  
SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS;  
SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS;
```