**Add Client:**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `addClient`(IN `c\_name` VARCHAR(100), IN `c\_user` VARCHAR(50), IN `c\_pass` VARCHAR(50))

NO SQL

INSERT INTO `client` (`id`, `name`,`username`,`password`) VALUES (NULL, c\_name, c\_user, c\_pass)$$

DELIMITER ;

**Delete Client:**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `deleteClient`(IN `p\_id` INT)

NO SQL

BEGIN

DELETE FROM billinga WHERE billinga.client\_ID = p\_id;

DELETE FROM appointment WHERE appointment.client\_ID = p\_id;

DELETE FROM cart WHERE cart.client\_ID = p\_id;

DELETE FROM billing WHERE billing.client\_ID = p\_id;

DELETE FROM question WHERE question.client\_ID = p\_id;

DELETE FROM pet WHERE pet.owner\_id = p\_id;

DELETE FROM client WHERE id = p\_id;

END$$

DELIMITER ;

**Update Client:**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `updateClient`(IN `i\_id` INT, IN `n\_name` VARCHAR(50), IN `n\_user` VARCHAR(50), IN `n\_pass` VARCHAR(50))

NO SQL

UPDATE client set name = n\_name, username = n\_user, password = n\_pass WHERE id = i\_id$$

DELIMITER ;

**Get Client:**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `getClient`(IN `p\_id` INT)

NO SQL

SELECT \* From client where id = p\_id$$

DELIMITER ;

**Add pet:**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `addPet`(IN `n` VARCHAR(50), IN `t` VARCHAR(50), IN `w` INT, IN `c` VARCHAR(50), IN `o` INT)

NO SQL

INSERT INTO pet (owner\_id, name, type, weight, color) VALUES (o,n,t,w,c)$$

DELIMITER ;

**Delete pet:**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `deletePet`(IN `o\_id` INT, IN `p\_id` INT)

NO SQL

BEGIN

DELETE FROM petMedical WHERE client\_ID = o\_id AND pet\_ID = p\_id;

DELETE FROM billinga WHERE billinga.pet\_ID = p\_id AND billinga.client\_ID = o\_id;

DELETE FROM appointment WHERE appointment.client\_ID = o\_id AND appointment.pet\_ID = p\_id;

DELETE FROM pet WHERE owner\_id = o\_id AND id = p\_id;

END$$

DELIMITER ;

**Get Pet:**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `getPet`(IN `o\_id` INT, IN `p\_id` INT)

NO SQL

SELECT \* FROM pet WHERE owner\_id = o\_id AND id = p\_id$$

DELIMITER ;

**Update Pet:**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `updatePet`(IN `p\_ID` INT, IN `o\_ID` INT, IN `n` VARCHAR(50), IN `t` VARCHAR(50), IN `w` INT, IN `c` VARCHAR(50))

NO SQL

UPDATE pet set name = n, type = t, weight = w, color = c WHERE id = p\_ID AND owner\_ID = o\_ID$$

DELIMITER ;

**Add Appointment:**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `addAppt`(IN `c\_ID` INT, IN `p\_ID` INT, IN `d` DATE, IN `t` INT, IN `apType` INT, IN `v\_ID` INT)

NO SQL

INSERT INTO `appointment` (`client\_ID`, `pet\_ID`,`date`, `time`, `appType`,`vet\_ID`) VALUES (c\_ID, p\_ID, d, t, apType,v\_ID)$$

DELIMITER ;

**Get Appointment:**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `getAppt`(IN `c\_ID` INT)

NO SQL

SELECT pet.name as pet\_name, apptype.name as appointment\_name, pet.id as pet\_ID, appointment.client\_ID as client\_ID, appointment.date, appointment.time From appointment

JOIN apptype ON apptype.id = appointment.appType

JOIN pet ON pet.id = appointment.pet\_ID

WHERE appointment.client\_ID = c\_ID and appointment.date >= CURRENT\_DATE

ORDER BY appointment.date, appointment.time$$

DELIMITER ;

**Delete Appointment**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `deleteAppt`(IN `c\_ID` INT, IN `p\_ID` INT, IN `d` DATE, IN `t` INT)

NO SQL

DELETE FROM appointment WHERE client\_ID = c\_ID AND pet\_ID = p\_ID AND date = d AND time = t$$

DELIMITER ;

**Add question:**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `addQuestion`(IN `id` INT, IN `ques` VARCHAR(1000))

NO SQL

INSERT INTO `question` (`client\_ID`,`question`,`vet\_ID`) VALUES (id, ques,-1)$$

DELIMITER ;

**Delete Question**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `deleteQuestion`(IN `c\_ID` INT, IN `q\_ID` INT)

NO SQL

DELETE FROM question WHERE client\_ID = c\_ID AND id = q\_ID$$

DELIMITER ;

**Get Question**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `getQuestion`(IN `c\_ID` INT, IN `q\_ID` INT)

NO SQL

SELECT \* FROM question WHERE client\_ID = c\_ID AND id = q\_ID$$

DELIMITER ;

**Update Question**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `updateQuestion`(IN `c\_ID` INT, IN `q\_ID` INT, IN `q` VARCHAR(10000), IN `a` VARCHAR(10000), IN `v\_ID` INT)

NO SQL

UPDATE question SET question = q, vet\_ID = v\_ID, answer = a WHERE client\_ID = c\_ID AND id = q\_ID$$

DELIMITER ;

**Get Unanswered Questions**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `getUnanswered`()

NO SQL

SELECT \* FROM question WHERE vet\_ID = -1$$

DELIMITER ;

**Get All Billing History Entries For Appointments For a Client**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `getAllBillingA`(IN `c\_ID` INT)

NO SQL

SELECT p.name as pet\_name, b.\*, type.name as appt\_name

FROM billinga as b

JOIN apptype as type on type.id = b.appType

JOIN pet as p on p.id = b.pet\_ID

WHERE client\_ID = c\_ID$$

DELIMITER ;

**Add To Billing History For Appointments For a client**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `addBillingA`(IN `c\_ID` INT, IN `p\_ID` INT, IN `d` DATE, IN `t` INT, IN `apType` INT)

NO SQL

INSERT INTO `billingA` (`client\_ID`, `pet\_ID`,`date`, `time`, `appType`,`cost`)

SELECT c\_ID, p\_ID, d, t, apType, ap.cost

FROM apptype as ap

WHERE ap.id = apType$$

DELIMITER ;

**Delete One Billing History For Appointments For a Client**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `deleteBillingA`(IN `p\_ID` INT, IN `c\_ID` INT, IN `d` DATE, IN `t` INT)

NO SQL

DELETE FROM billingA WHERE pet\_ID = p\_ID AND client\_ID = c\_ID AND date = d AND time = t$$

DELIMITER ;

**Get One Billing History Entries For Appointments For a Client**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `getBillingA`(IN `c\_ID` INT, IN `d` DATE, IN `t` INT)

NO SQL

SELECT p.name as pet\_name, b.\*, type.name as appt\_name

FROM billinga as b

JOIN apptype as type on type.id = b.appType

JOIN pet as p on p.id = b.pet\_ID

WHERE client\_ID = c\_ID AND b.date = d AND b.time = t$$

DELIMITER ;

**Add To Billing History For Purchases**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `addBilling`(IN `c\_ID` INT, IN `n` VARCHAR(100), IN `q` INT, IN `c` INT, IN `itemP` INT)

NO SQL

INSERT INTO `billing` (`client\_ID`, `name`,`timeStamp`,`quantity`, `cost`,`itemPrice`)

VALUES (c\_ID, n, now(), q, c, itemP)$$

DELIMITER ;

**Get All Billing History Entries For Purchases For a client**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `getAllBilling`(IN `c\_ID` INT)

NO SQL

SELECT \* FROM billing WHERE client\_ID = c\_ID$$

DELIMITER ;

**Add Item**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `addItem`(IN `n` VARCHAR(50), IN `p` INT, IN `img` VARCHAR(1000), IN `t` INT, IN `c` INT)

NO SQL

INSERT INTO item (name, price, image, times\_purchased, category) VALUES (n,p,img,t,c)$$

DELIMITER ;

**Delete Item (cursed procedure) lol hahaha**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `deleteItem`(IN `i\_ID` INT)

NO SQL

DELETE FROM item WHERE item.id = i\_ID$$

DELIMITER ;

**Get All Items**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `getItemAll`()

NO SQL

SELECT i.name as item\_name, i.price, i.id,i.image, i.times\_purchased, c.name as category FROM item as i

JOIN category as c on c.id = i.category$$

DELIMITER ;

**Update Item**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `updateItem`(IN `i\_id` INT, IN `n\_name` VARCHAR(100), IN `n\_price` FLOAT, IN `img` VARCHAR(100), IN `p` INT)

NO SQL

UPDATE item set name = n\_name, price = n\_price, times\_purchased = p, image = img WHERE id = i\_id$$

DELIMITER ;

**Get Top 3 Best Sellers (in shop)**

SELECT i.name, i.price, i.image, c.name as category

FROM item as i

JOIN category as c on c.id = i.category

ORDER BY i.times\_purchased DESC

LIMIT 3

**Get All Filtered Items (in shop)**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `getAllFiltered`(IN `c` INT)

NO SQL

SELECT i.\*, c.name as category FROM item as i

JOIN category as c on c.id = i.category

WHERE i.category = c

ORDER BY i.category$$

DELIMITER ;

**Update Admin**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `updateAdmin`(IN `v\_ID` INT, IN `vf\_name` VARCHAR(50), IN `vl\_name` VARCHAR(50), IN `v\_user` VARCHAR(50), IN `v\_pass` VARCHAR(50))

NO SQL

UPDATE admin set f\_name = vf\_name, l\_name = vl\_name, username = v\_user, password = v\_pass WHERE id = v\_ID$$

DELIMITER ;

**Get All Receptionists**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `getAllRecType`()

NO SQL

SELECT vet.\*, type.name as type, type.id as type\_ID FROM vet

JOIN vettype as type on type.id = vet.type

WHERE vet.type = 1$$

DELIMITER ;

**Get All Vets**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `getAllVetType`()

NO SQL

SELECT vet.\*, type.name as type, type.id as type\_ID FROM vet

JOIN vettype as type on type.id = vet.type

WHERE vet.type = 0$$

DELIMITER ;

**Delete Medical History Record For Pet**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `deletePetMedical`(IN `c\_ID` INT, IN `p\_ID` INT)

NO SQL

DELETE FROM petMedical WHERE client\_ID = c\_ID AND pet\_ID = p\_ID$$

DELIMITER ;

**Add Medical History Record For Pet**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `addPetMedical`(IN `c\_ID` INT, IN `p\_ID` INT, IN `d` VARCHAR(1000))

NO SQL

INSERT into petmedical (client\_ID, pet\_ID, description, date) VALUES (c\_ID, p\_ID, d, CURRENT\_TIMESTAMP)$$

DELIMITER ;

**Get Cart For Client**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `getCartw`(IN `c\_ID` INT)

NO SQL

SELECT c.\*, cat.name as category\_name, cat.id as category\_ID, i.\* FROM cart AS c

INNER JOIN item as i on c.item\_ID = i.id

JOIN category as cat on cat.id = i.category

WHERE client\_ID = c\_ID$$

DELIMITER ;

**Get Quantity of Item in Cart**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `getQuantity`(IN `c\_ID` INT, IN `i\_ID` INT)

NO SQL

select quantity from cart where client\_ID=c\_ID and item\_ID=i\_ID$$

DELIMITER ;

**Add To a Client’s Cart**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `addToCart`(IN `c\_ID` INT, IN `i\_ID` INT, IN `q` INT)

NO SQL

INSERT INTO `cart` (`client\_ID`, `item\_ID`,`quantity`) VALUES (c\_ID, i\_ID, q)$$

DELIMITER ;

**Delete Item From Cart**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `deleteCartItem`(IN `c\_ID` INT, IN `i\_ID` INT)

NO SQL

DELETE FROM cart WHERE client\_ID = c\_ID AND item\_ID = i\_ID$$

DELIMITER ;

**Update Cart (quantity only)**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `updateCart`(IN `c\_ID` INT, IN `i\_ID` INT, IN `q` INT)

NO SQL

UPDATE cart set quantity = q WHERE client\_ID = c\_ID AND item\_ID = i\_ID$$

DELIMITER ;

**Delete Cart**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `deleteCart`(IN `c\_ID` INT)

NO SQL

DELETE FROM cart WHERE client\_ID = c\_ID$$

DELIMITER ;

**Add Employee**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `addVet`(IN `vf\_name` VARCHAR(50), IN `vl\_name` VARCHAR(50), IN `v\_type` INT(1), IN `v\_user` VARCHAR(50), IN `pass` VARCHAR(50))

NO SQL

INSERT INTO `vet` (`f\_name`, `l\_name`, `type`, `username`, `password`) VALUES (vf\_name, vl\_name, v\_type,v\_user,pass)$$

DELIMITER ;

**Delete Employee**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `deleteVet`(IN `v\_SIN` INT)

NO SQL

BEGIN

DELETE FROM shift WHERE shift.vet\_ID = v\_SIN;

DELETE FROM question WHERE question.vet\_ID = v\_SIN;

DELETE FROM vet WHERE vet\_ID = v\_SIN;

END$$

DELIMITER ;

**Get Employee**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `getVet`(IN `v\_SIN` INT)

NO SQL

SELECT \* FROM vet WHERE vet\_ID = v\_SIN$$

DELIMITER ;

**Update Employee**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `updateVet`(IN `v\_ID` INT, IN `vf\_name` VARCHAR(50), IN `vl\_name` VARCHAR(50), IN `v\_user` VARCHAR(50), IN `v\_pass` VARCHAR(50))

NO SQL

UPDATE vet set f\_name = vf\_name, l\_name = vl\_name, username = v\_user, password = v\_pass WHERE vet\_ID = v\_ID$$

DELIMITER ;

**Add Shift for Employee**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `addShift`(IN `v\_ID` INT, IN `d` DATE, IN `s` INT, IN `e` INT)

NO SQL

INSERT INTO `shift` (`vet\_ID`, `date`, `start\_time`, `end\_time`) VALUES (v\_ID, d, s, e)$$

DELIMITER ;

**Get All Upcoming Shifts For an Employee**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `getShift`(IN `v\_ID` INT)

NO SQL

SELECT \* FROM shift WHERE vet\_ID = v\_ID AND shift.date >= CURRENT\_DATE$$

DELIMITER ;

**Get Employees Working On a Date**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `getWorkers`(IN `d` DATE)

NO SQL

SELECT vet.f\_name, vet.l\_name, s.start\_time, s.end\_time FROM vet

JOIN shift AS s ON s.vet\_ID = vet.vet\_ID

WHERE s.date = d$$

DELIMITER ;

**Add Appointment**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `addAppt`(IN `c\_ID` INT, IN `p\_ID` INT, IN `d` DATE, IN `t` INT, IN `apType` INT, IN `v\_ID` INT)

NO SQL

INSERT INTO `appointment` (`client\_ID`, `pet\_ID`,`date`, `time`, `appType`,`vet\_ID`) VALUES (c\_ID, p\_ID, d, t, apType,v\_ID)$$

DELIMITER ;

**Delete Appointment**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `deleteAppt`(IN `c\_ID` INT, IN `p\_ID` INT, IN `d` DATE, IN `t` INT)

NO SQL

DELETE FROM appointment WHERE client\_ID = c\_ID AND pet\_ID = p\_ID AND date = d AND time = t$$

DELIMITER ;

**Get Appointment**

DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `getAppointmentt`(IN `d` DATE)

NO SQL

SELECT pet.name as pet\_name, apptype.name as appointment\_name, pet.id as pet\_ID, appointment.client\_ID as client\_ID, appointment.date, appointment.time From appointment

JOIN apptype ON apptype.id = appointment.appType

JOIN pet ON pet.id = appointment.pet\_ID

WHERE appointment.date = d

ORDER BY appointment.date, appointment.time$$

DELIMITER ;

**Get Available Appointment Times on a Date**