Test cases and methods to add

**Methods to add To DB next assignment**

* Add, Update owner
* Add , update, delete pet
* Add , update, delete petReservation
* add , update PetVac, updateStatus
* Add , update, select reservation (select should include services and discounts)
* Add, delete(by petRes) ReservationService/ ReservedService
* Update status on Run
* Add, delete(int discountType, resNum) reservation Discount
* Start Reservation (checks if reservation started late, sees if vaccines valid assigns run)
* End Reservatiom (checks if it had started, gets invoice)

**Test Cases:**

**NEW CUSTOMER(Considered A Customer Once His User Profile Has Been Created)**

Signs Up Adds Pet/Pets

Happy Flows(No Alternate Flows) No changes or deletes

**New Customer Makes Basic Profile**

* New User Selects sign up
* Enters in his Profile Information
* Customer Then Adds A pet to his profile

**New Customer Makes Profile with Multiple Pets**

* New User Selects sign up
* Enters in his Profile Information
* Customer Then Adds A pet to his profile
* Customer Adds 1 or more Pets to his profile

**Existing Customer(Customer With Profile and Pet)**

Assuming the Customer has already logged in and is in the home page for customers.

**Handling Reservations**

Happy Flows(No Alternate Flows) No changes or deletes

**Add Pets with no Services to Reservations**

* Customer selects Book Now
* Customer makes reservation for all of his pets(automatically all added)(with no Services)
* Reservation is created

**Add Pets with Services to Reservations**

* Customer selects Book Now
* Customer makes Reservation for all of his pet(automatically all added)(with 1 or many services)
* Reservation is created

**Add Pets Conflicting Reservations**

* Customer selects Book Now
* Customer makes Reservation for all of his pet(automatically all added)(with 1 or many services)
* Customer selects create
* Return Error: pet is already in a reservation for these dates
* Reservation not created

Alternate Flow(Changes to the reservation(Vaccinations,services, pet res Info, Reservation info), no removing)

**Creating a Reservation with no pets**

* Customer selects Book Now
* Goes to create reservation with no pets
* Return Error: A reservation must include pets
* Reservation not created

**Editing Services Of Pets In Reservation**

* Customer selects the reservation to change
* Customer Selects a pet in the Reservation
* Modifies the selected pet services
* Saves the changes to the reservation

**Editing Reservation**

* Customer selects the reservation to change by clicking edit
* Customer Changes the dates of the reservation
* Customer Saves Changes

**Editing Reservation to invalid dates**

* Customer selects the reservation to change by clicking edit
* Customer Changes the dates of the reservation but there are no runs available
* Return Error: No runs available for dates selected please choose another date

Alternate Flow(Removing things(services, pets and etc...)

**Removing Pets From New Reservation**

* Customer Creates Reservations(all pets automatically added to the reservation)
* Customer removes pet selected from the reservation
* Customer creates the reservation
* Saves the changes made to the reservation

**Removing Pets From reservation**

* Customer selects reservation he wants to modify by clicking edit
* Customer removes the pet he has selected
* Can remove as many pets as he desires until he has one pet left
* Saves the changes

**Removing All Pets From reservation**

* Customer selects reservation he wants to modify by clicking edit
* Customer removes the pet he has selected
* remove all pets
* -reservation gets cancelled when customer saves the changes

**Removing A reservation**

* Customer Clicks cancel reservation on the reservation he wants to cancel
* Prompted a confirmation box
* Selects yes
* Reservation gets cancelled

**Removing an active reservation**

* Customer Clicks cancel reservation on the reservation he wants to cancel
* Return Error: Cannot cancel an active reservation

**Handling Pet Changes**

Editing Pets

* Customer select the Pets tab in the navbar
* Customer then selects a pet to edit
* Edits the pet
* Saves the Changes

Adding A Pet

* Customer selects the pets tab in the navbar
* Customer selects add pet
* Enters required information
* Adds the pet
* Owner Pet list updates and the pet is appended

Removing A Pet

* Customer selects the pets tab in the navbar
* Customer selects pet and chooses to remove the pet from his list of pets
* Pet is removed and the pet list is updated

Removing A pet in a Reservation

* Customer selects the pets tab in the navbar
* Customer selects pet in a reservation and chooses to remove the pet from his list of pets
* Return Error: Pet is currently in a reservation

**Handling Profile Changes**

The customer information can be changed at any time

Editing Profile

* Customer selects the profile from the navbar
* Edits information they want
* Saves the changes

Alternate Flow(Removing things(services, pets and etc...)

**Clerk Test Cases:**

ViewProfile / edit profile

* Clerk logs in
* Selects profile
* Changes info
* saves

Clerk adds owner

* Clerk signs in as clerk
* Chooses owners option in nav
* Clicks add owner button
* Inputs owner info
* Returns to owner page
* Enters created owner email and searches
* New owner is displayed
* Enters created owners Phone number and searches
* New Owner is displayed.

Clerk edits owner

* Clerk signs in as clerk
* Chooses owners option in nav
* Searches for an owner
* Selects edit information
* Edits 1 field, saves
* Reload page
* Check if field s the same

Clerk edits owner  (many fields)

* Clerk signs in as clerk
* Chooses owners option in nav
* Searches for an owner
* Selects edit information
* Edits many fields, saves
* Reload page
* Check if field s the same

Clerk edits pet

* Clerk signs in as clerk
* Chooses owners option in nav
* Searches for an owner
* Selects a pet
* Selects edit information
* Edits 1 field, saves
* Reload page
* Check if field s the same

Clerk edits pet (many fields)

* Clerk signs in as clerk
* Chooses owners option in nav
* Searches for an owner
* Selects a pet
* Selects edit information
* Edits many field, saves
* Reload page
* Check if field s the same

Clerk validates all vaccines for a pet

* Clerk signs in as clerk
* Chooses owners option in nav
* Searches for an owner (An owner with a pet with an upcoming reservation whose pet needs a vaccine)
* Selects a pet
* Selects edit information
* Changes all expired vaccines to not expired and selects validate for all
* Returns to home page / reservation page
* Searches for reservation
* Check to see if “vaccines valid” flag is confirmed for vaccination

Clerk edits owner (adds pet)

* Clerk signs in as clerk
* Chooses owners option in nav
* Searches for an owner
* Selects add pet
* Enters pet information
* Return to search owner page
* Search for the same owner
* See if pet was added
* Select add reservation
* Ensure pet is there as an option to be added

Clerk adds owner , pet, adds reservation (these will not be as extensive since they are covered in customer test cases)

* Clerk signs in as clerk
* Chooses owners option in nav
* Clicks add owner button
* Inputs owner info
* Returns to owner page
* Search for owner
* Select add pet
* Enter pet information
* Return to owner page
* Select add reservation
* Create a simple reservation for the new owner/pet **Select a run for the pet**
* Goto reservations page
* Search for new owner to confirm the reservation is there
* Goto create another reservation on the same date for the same size pet and check if the selected run is still listed.

**CLERK RESERVATION TESTS**

Clerk sorts reservations

* Clerk signs in as clerk
* Clerk is brought to the home page which has all reservations
* Clerk clicks the op of each field to sort by that field

Clerk cancels reservation (success)

* Clerk signs in as clerk
* Clerk is brought to the home page which has all reservations
* Clerk selects cancel reservation for one of the listed reservations
* A pop up prompts the clerk to confirm
* The reservations is cancelled and a pop up appears confirming

Clerk cancels reservation (failed)

* Clerk signs in as clerk
* Clerk is brought to the home page which has all reservations
* Clerk selects cancel reservation for one of the listed reservations (the reservation is ongoing)
* A pop up tells the clerk that the reservation is ongoing and can no longer be cancelled

Clerk views ongoing reservations selects to end, gets invoice

* Clerk signs in as clerk
* Clerk is brought to the home page which has all reservations
* The clerk selects to view ongoing reservations (or selects to sort by “status”) to see ongoing reservations
* Clerk selects end reservation
* Clerk is given the invoice and option to print

Clerk end reservation that was never started

* Clerk signs in as clerk
* Clerk is brought to the home page which has all reservations
* Clerk selects an upcoming reservation (not ongoing)
* And selects end reservation
* Nothing happens, button not clickable

Clerk Start reservation (does not start that day)

* Clerk signs in as clerk
* Clerk is brought to the home page which has all reservations
* Clerk selects an upcoming reservation (does not start that day)
* Clerk selects to start reservation
* Nothing happens, button not clickable

Clerk Start reservation (Vaccines not valid)

* Clerk signs in as clerk
* Clerk is brought to the home page which has all reservations
* Clerk selects an upcoming reservation (not all pets vaccines are valid)
* Clerk selects to start reservation
* A pop up comes up telling clerk to update the pets vaccination info
* Reservation does not start

Clerk Start reservation (Vaccines not checked)

* Clerk signs in as clerk
* Clerk is brought to the home page which has all reservations
* Clerk selects an upcoming reservation (not all pets vaccines are checked)
* Clerk selects to start reservation
* A pop up comes up telling clerk to check vaccinations giving a link to that pets / owners info page
* Reservation does not start

Clerk Start reservation (already started)

* Clerk signs in as clerk
* Clerk is brought to the home page which has all reservations
* Clerk selects an upcoming reservation (ongoing / already started)
* Clerk selects to start reservation
* Nothing happens, button not clickable

Clerk Start reservation (reservation should have started already)

* Clerk signs in as clerk
* Clerk is brought to the home page which has all reservations
* Clerk selects to start a reservation (start date was yesterday end date is in future / has not passed)
* **LOGIC PENDING**

Clerk Start reservation (happy case)

* Clerk signs in as clerk
* Clerk is brought to the home page which has all reservations
* Clerk selects to start a reservation (reservation starts today, vaccines up to date)
* Pop up asks clerk to select a run
* Clerk selects a run
* Reservation begins

Clerk Start reservation (happy case) auto select run

* Clerk signs in as clerk
* Clerk is brought to the home page which has all reservations
* Clerk selects to start a reservation (reservation starts today, vaccines up to date)
* Pop up asks clerk to select a run
* Clerk selects to “Auto select run”
* Reservation begins

Clerk edit reservation (ongoing)

* Clerk signs in as clerk
* Clerk is brought to the home page which has all reservations
* Clerk selects to edit a reservation (reservation is ongoing)
* Nothing happens, button not clickable

Clerk edit reservation (happy case) auto select run

* Clerk signs in as clerk
* Clerk is brought to the home page which has all reservations
* Clerk selects to edit a reservation (reservation is in the future)
* The information pops up and is displayed for editing
* Clerk changes info
* Clerk presses save