Assignment :: CRUD Up Pet Hotel

**Assignment Details**

**Uncompleted**

CRUD Up Pet Hotel

Your team has started a new business in Uptown for dog-enthusiasts that also need to vacation without their beloved pets.

You will be using Trello to track your progress on this application. Copy [this Trello Board](https://trello.com/b/aHoUGrQA/pet-hotel) to get started. You can copy this board by creating a Trello account, clicking show menu, selecting more, and selecting Copy Board.

As an MVP, you will create an application that allows owners to

* check in their pet
* check out their pet
* update their pet's info
* remove their pet altogether

You'll use CRUD to make this happen.

IMPORTANT: Please include a database.txt file in your submitted Git repo that has all the queries you used to create your database and tables.

Implementation Details

Guidance on how to build your app.

**Database Tables**

Create the following tables in your phi database. Don't forget to add your primary and foreign keys!

**Table 1: Owners**

*Because owners can have multiple pets, it's best to include this in a separate table.*

Columns

* first name
* last name

**Table 2: Pets**

*Remember that pets must belong to an owner.*

Columns

* name
* breed
* color

**Table 3: Visits**

*We'll keep a log of each visit. Remember that visits must be linked to a pet.*

Columns

* check-in date
* check-out date

**Views**

This app will have one page: Owners and Pets

**View 1: Owners and Pets**

See [this image for a mockup of the page.](https://drive.google.com/file/d/0B10Wu-zrSBwMZ1E0Y2ZYazVXdlE/view?usp=sharing)

NOTE: Ignore the Visits link you see on the image . This is reserved for Hard mode.

* Submitting the *Owner Registration* form will add a new owner to the ownerstable.
* The *Pets* form includes a <select> drop-down list that needs to be populated with data from the owners table. Submitting this form will add a new pet to the pets table. HINT: In addition to displaying the name, make sure to keep track of each owner's id.
* The *Pets* table is ultimately populated with data from the owners, pets, and visits table. (Research LEFT OUTER JOIN if you hit a snag with this.)
  + The owner name should be displayed, but not editable.
  + All of the pet data displayed should be editable.
  + Clicking the Go button under the Update column should update the pets table.
  + Clicking the Go button under the Delete column should delete the pet from the pets table. HINT: Delete any visits for this pet before deleting it from the pets table.
  + The Check-In/Check-out button will default to displaying IN when a pet is first created.
  + Checking in a pet is done by inserting the current date into the check-in date column of the visits table. A checked-in pet will have a button that displays OUT.
  + Checking out a pet is done by updating the check-out date column record in the visits table.

Hard Mode

Create a second page for the application: Visits.

The Visits page will display the check-in data for each pet. Pets that are checked in, but not checked out should appear first in the list. We should see the following data:

* Pet name
* Check-in date
* Checkout date

There is no mockup for this page, so be creative and do your best!

