

Unit 13 Assignment

Directions:

Please complete the following assignment to signify your completion of Unit 13. All programming projects need to be completed and submitted electronically, following the Electronic Submission Guidelines discussed in class.

Background:

The purpose of this assignment is to construct a Rails web application without using the Rails scaffolding as described in this unit's course content. NO CREDIT WILL BE GIVEN IF YOU USE DEFAULT SCAFFOLDING.

Project 1: PetWalking Application

Create a Pet Walking Service application using Rails by defining the following database model:

Appointment Table

FieldName	Type	Description	Example
PetName	string	the name of the pet this appointment is for	"Muffin Stahl"
Owner	string	the owner of this pet	"Howard Your Teacher"
PetWalker	string	the employee walking this pet	"Michael"
ApptDate	date	the date this appointment is for	05/01/2015
ApptLength	integer	the length in minutes that this appointment is for	30

Build a new Rails application by issuing the command:

```
rails new PetApp
```

One Extra Command For Mac Users Only

In an effort to support as many systems as possible, we will run into a versioning problem at this point. To be sure everyone is working with the same set of things, I need to ask Mac users to issue one extra command at this point. Begin by editing the file named `Gemfile`. It will be located in the `/PetApp` directory. It is a normal textfile. Right at the top, there will be a line that says:

```
gem 'rails', '4.1.8'
```

It might actually say an even higher version by the time we get to this in class. We need to bring that version down to 4.1.4. So please make that line say:

```
gem 'rails', '4.1.4'
```

Exit your editor and at the Terminal window, enter the command:

```
bundle update
```

Please be patient and allow this process to complete. You will only need to do this just once in the life of an application.

Use Rails to generate the database model. (Remember to use `appointment`, not `appointments` as the name of your model...)

Use Rake to migrate your model definition.

Use Rails Console to build some sample database records.

Use Rails to generate your controller by issuing the command:

```
rails generate controller appointments
```

Manually build an index, create and delete operation on your controller that gets routed to html pages for the views by following the steps outlined in this unit's content. NO CREDIT WILL BE GIVEN IF YOU USE DEFAULT SCAFFOLDING.

Zip and then upload your PetApp folder once you complete this work.