Please prepare the following:

* Download, build and run a functional PetClinic.  Git repo here
  + <https://github.com/spring-projects/spring-petclinic>
* Build a web application to allow adding a pet, adding a vet, scheduling an appointment for a pet, and displaying a list of appointments for a pet or a vet
  + Two pets cannot schedule for the same vet at the same time
  + Vets are available M-F 8am-5pm
  + Allow to cancel on an appointment
* Front-end is an Admin Panel that allows the above functionality

Skill to test:

* Data Store
* Data Model
* REST APIs
* SPA application
* Correct usage of the framework

Bonus Points:

* Navigation
* React+Redux
* Calendar components
* Unit tests