Assignment of Spring REST

Q1. Consider the following given class:

**class** Owner{  
 **private int** ownerId;  
 **private** String ownerName;  
 **private** Set<Pet> pets;  
   
 *//generate required constructors and setter/getter methods*}

**public class** Pet {  
 **private int** petId;  
 **private** String petName;  
 **private** String petType;  
 *//generate constructors and setter getters*}

1. Create a Spring REST Service to
   1. Add a pet to an Owner
   2. Remove a pet from an owner
   3. List all pets from an owner
   4. Find a pet by id
   5. List all Owners with their Pets
2. Please note :
   1. The input and output data format must be on JSON type