



Testing Spring

Beginner to Guru

Assignment - Complete Tests for Find Form



Missing Test Coverage

```
82  @RequestMapping(value = "/owners", method = RequestMethod.GET)
83  @ public String processFindForm(Owner owner, BindingResult result, Map<String, Object> model) {
84
85      // allow parameterless GET request for /owners to return all records
86      if (owner.getLastName() == null) {
87          owner.setLastName(""); // empty string signifies broadest possible search
88      }
89
90      // find owners by last name
91      Collection<Owner> results = this.clinicService.findOwnerByLastName(owner.getLastName());
92      if (results.isEmpty()) {
93          // no owners found
94          result.rejectValue("lastName", "notFound", "not found");
95          return "owners/findOwners";
96      } else if (results.size() == 1) {
97          // 1 owner found
98          owner = results.iterator().next();
99          return "redirect:/owners/" + owner.getId();
100     } else {
101         // multiple owners found
102         model.put("selections", results);
103         return "owners/ownersList";
104     }
105 }
```



Assignment - Complete Test Coverage for Find Form

- Three conditions are missing:
 - null last name parameter - replaced with blank string
 - Return of one Owner Object
 - Return of list of Owner Objects
- Test coverage can be done in two tests

