```java
1
2  package acme.features.client.contract;
3
4  import java.util.Collection;
5
6  import org.springframework.beans.factory.annotation.Autowired;
7  import org.springframework.stereotype.Service;
8
9  import acme.client.data.models.Dataset;
10 import acme.client.services.AbstractService;
11 import acme.client.views.SelectChoices;
12 import acme.entities.contract.Contract;
13 import acme.entities.project.Project;
14 import acme.roles.Client;
15
16 @Service
17 public class ClientContractShowService extends AbstractService<Client, Contract> {
18
19     @Autowired
20     private ClientContractRepository repository;
21
22
23     @Override
24     public void authorise() {
25         boolean status;
26         Contract contract;
27         int masterId;
28         Client client;
29
30         masterId = super.getRequest().getData("id", int.class);
31         contract = this.repository.findContractById(masterId);
32         client = this.repository.findClientByContractId(masterId);
33
34         status = super.getRequest().getPrincipal().hasRole(client) && contract != null;
35
36         super.getResponse().setAuthorised(status);
37     }
38
39     @Override
40     public void load() {
41         int id;
42         id = super.getRequest().getData("id", int.class);
43         Contract contract = this.repository.findContractById(id);
44
45         super.getBuffer().addData(contract);
46     }
47
48     @Override
```

```java
49    public void unbind(final Contract contract) {
50        assert contract != null;
51        boolean isDraft;
52        Collection<Project> projects;
53        projects = this.repository.findAllPublishedProjects();
54        SelectChoices choices;
55        choices = SelectChoices.from(projects, "title", contract.getProject());
56        isDraft = contract.isDraft() == true;
57
58        Dataset dataset;
59
60        dataset = super.unbind(contract, "code", "moment", "providerName", "customerName", "goals", "budget", "isDraft", "project");
61        dataset.put("contractId", contract.getId());
62        dataset.put("isDraft", isDraft);
63        dataset.put("project", choices.getSelected().getKey());
64        dataset.put("projects", choices);
65
66        super.getResponse().addData(dataset);
67    }
68
69 }
70
```