

```
1
2 package acme.features.manager.assignment;
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.project.Assignment;
13 import acme.entities.project.UserStory;
14 import acme.features.manager.project.ManagerProjectRepository;
15 import acme.roles.Manager;
16
17 @Service
18 public class ManagerAssignmentDeleteService extends AbstractService<Manager, Assignment> {
19
20     // Internal state -----
21
22     @Autowired
23     private ManagerProjectRepository repository;
24
25     // AbstractService interface -----
26
27
28     @Override
29     public void authorise() {
30         boolean status;
31         int assignmentId = super.getRequest().getData("id", int.class);
32         Manager manager = this.repository.findManagerProjectByAssignmentId(assignmentId);
33         status = super.getRequest().getPrincipal().getActiveRoleId() == manager.getId() &&
34             super.getRequest().getPrincipal().hasRole(Manager.class);
35         super.getResponse().setAuthorised(status);
36     }
37
38     @Override
39     public void load() {
40         Assignment assignment;
41         int id;
42
43         id = super.getRequest().getData("id", int.class);
44         assignment = this.repository.findAssignmentById(id);
45
46         super.getBuffer().addData(assignment);
47     }
48
49     @Override
50     public void bind(final Assignment assignment) {
51         assert assignment != null;
52
53         super.bind(assignment, "project.title", "userStory");
54     }
55
56     @Override
57     public void validate(final Assignment assignment) {
58         boolean updateable = this.repository.findProjectOfAnAssignmentByAssignmentId
59             (assignment.getId()).isDraft();
60
61         if (!super.getBuffer().getErrors().hasErrors("project"))
```

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61     super.state(updateable, "*", "manager.project.form.updateable");
62
63 }
64
65 @Override
66 public void perform(final Assignment assignment) {
67     assert assignment != null;
68
69     this.repository.delete(assignment);
70 }
71
72 @Override
73 public void unbind(final Assignment assignment) {
74     assert assignment != null;
75
76     Dataset dataset;
77
78     int id = super.getRequest().getPrincipal().getActiveRoleId();
79     SelectChoices userStoriesChoices;
80     Collection<UserStory> userStories = this.repository.findAllUserStoriesOfAManagerById
(id);
81
82     userStoriesChoices = SelectChoices.from(userStories, "title", assignment.getUserStory
());
83
84     dataset = super.unbind(assignment, "project.title", "userStory");
85
86     dataset.put("masterId", assignment.getProject().getId());
87     dataset.put("userStories", userStoriesChoices);
88
89     super.getResponse().addData(dataset);
90 }
91
92 }
93
```