

```
1
2 package acme.features.manager.userStory;
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.entities.project.UserStory.Priority;
15 import acme.roles.Manager;
16
17 @Service
18 public class ManagerUserStoryDeleteService extends AbstractService<Manager, UserStory> {
19
20     // Internal state -----
21
22     @Autowired
23     private ManagerUserStoryRepository uSRepository;
24
25     // AbstractService<Manager, Project> -----
26
27
28     @Override
29     public void authorise() {
30         boolean status;
31         int masterId;
32         UserStory userStory;
33
34         masterId = super.getRequest().getData("id", int.class);
35         userStory = this.uSRepository.findUserStoryById(masterId);
36         status = userStory != null && userStory.isDraft() && super.getRequest().getPrincipal
37             ().hasRole(Manager.class) && userStory.getManager().getId() == super.getRequest
38             ().getPrincipal().getActiveRoleId();
39
40         super.getResponse().setAuthorised(status);
41     }
42
43     @Override
44     public void load() {
45         UserStory userStory;
46         int id;
47
48         id = super.getRequest().getData("id", int.class);
49         userStory = this.uSRepository.findUserStoryById(id);
50
51         super.getBuffer().addData(userStory);
52     }
53
54     @Override
55     public void bind(final UserStory userStory) {
56         assert userStory != null;
57
58         super.bind(userStory, "title", "description", "estimatedCost", "priority",
59             "acceptanceCriteria", "link", "isDraft");
60     }
61
62     @Override
```

```
60     public void validate(final UserStory userStory) {
61         assert userStory != null;
62     }
63
64     @Override
65     public void perform(final UserStory userStory) {
66         assert userStory != null;
67         Collection<Assignment> assignments =
68             this.uSRepository.findAllAssignmentOfAnUserStoryById(userStory.getId());
69
70         this.uSRepository.deleteAll(assignments);
71         this.uSRepository.delete(userStory);
72     }
73
74     @Override
75     public void unbind(final UserStory userStory) {
76         assert userStory != null;
77         SelectChoices priorities = SelectChoices.from(Priority.class, userStory.getPriority
78             ());
79         Dataset dataset;
80
81         dataset = super.unbind(userStory, "title", "description", "estimatedCost",
82             "priority", "acceptanceCriteria", "link", "isDraft");
83         dataset.put("priorities", priorities);
84         dataset.put("isDraft", userStory.isDraft());
85         super.getResponse().addData(dataset);
86     }
87 }
88
```