

```
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
23     @Autowired
24     private ManagerUserStoryRepository uSRepository;
25
26     // AbstractService<Manager, Project>
27     -----
28
29     @Override
30     public void authorise() {
31         boolean status;
32         int masterId;
33         UserStory userStory;
34
35         masterId = super.getRequest().getData("id", int.class);
36         userStory = this.uSRepository.findUserStoryById(masterId);
37         status = userStory != null && userStory.isDraft() && super.getRequest()
38             ().getPrincipal().hasRole(Manager.class) && userStory.getManager().getId() ==
39             super.getRequest().getPrincipal().getActiveRoleId();
40
41         super.getResponse().setAuthorised(status);
42     }
43
44     @Override
45     public void load() {
46         UserStory userStory;
47         int id;
```

```
46     id = super.getRequest().getData("id", int.class);
47     userStory = this.uSRepository.findUserStoryById(id);
48
49     super.getBuffer().addData(userStory);
50 }
51
52 @Override
53 public void bind(final UserStory userStory) {
54     assert userStory != null;
55
56     super.bind(userStory, "title", "description", "estimatedCost",
57 "priority", "acceptanceCriteria", "link", "isDraft");
58
59 @Override
60 public void validate(final UserStory userStory) {
61     assert userStory != null;
62
63 }
64
65 @Override
66 public void perform(final UserStory userStory) {
67     assert userStory != null;
68     Collection<Assignment> assingments =
69 this.uSRepository.findAllAssignmentOfAnUserStoryById(userStory.getId());
70
71     this.uSRepository.deleteAll(assingments);
72     this.uSRepository.delete(userStory);
73
74 @Override
75 public void unbind(final UserStory userStory) {
76     assert userStory != null;
77     SelectChoices priorities = SelectChoices.from(Priority.class,
78 userStory.getPriority());
79
80     Dataset dataset;
81
82     dataset = super.unbind(userStory, "title", "description",
83 "estimatedCost", "priority", "acceptanceCriteria", "link", "isDraft");
84     dataset.put("priorities", priorities);
85     dataset.put("isDraft", userStory.isDraft());
86     super.getResponse().addData(dataset);
87 }
88 }
```