

```
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 ManagerAssignmentUpdateService extends AbstractService<Manager,
    Assignment> {
19
20     @Autowired
21     private ManagerProjectRepository repository;
22
23
24     @Override
25     public void authorise() {
26         boolean status = super.getRequest().getPrincipal().hasRole
    (Manager.class);
27
28         super.getResponse().setAuthorised(status);
29     }
30
31     @Override
32     public void load() {
33
34         int id = super.getRequest().getData("id", int.class);
35         Assignment assignment = this.repository.findAssignmentById(id);
36
37         super.getBuffer().addData(assignment);
38
39     }
40
41     @Override
42     public void bind(final Assignment assignment) {
43         assert assignment != null;
44
45         super.bind(assignment, "project.title", "userStory");
46     }
47
48     @Override
```

```
49     public void validate(final Assignment assignment) {
50         assert assignment != null;
51         boolean updateable =
52             this.repository.findProjectOfAnAssignmentByAssignmentId(assignment.getId())
53                 .isDraft();
54         if (!super.getBuffer().getErrors().hasErrors("project")) {
55             super.state(!assignment.getProject().isHasFatalErrors(),
56                 "project", "manager.project.form.error.fatal-errors");
57             super.state(updateable, "*", "manager.project.form.updateable");
58             super.state(assignment.getProject().isDraft() == true, "*",
59                 "manager.project.form.create-denied");
60         }
61     }
62     @Override
63     public void perform(final Assignment assignment) {
64         assert assignment != null;
65         this.repository.save(assignment);
66     }
67     @Override
68     public void unbind(final Assignment assignment) {
69         assert assignment != null;
70         Dataset dataset;
71         int id = super.getRequest().getPrincipal().getActiveRoleId();
72         SelectChoices userStoriesChoices;
73         Collection<UserStory> userStories =
74             this.repository.findAllUserStoriesOfAManagerById(id);
75         userStoriesChoices = SelectChoices.from(userStories, "title",
76             assignment.getUserStory());
77         dataset = super.unbind(assignment, "project.title", "userStory");
78         dataset.put("masterId", assignment.getProject().getId());
79         dataset.put("userStories", userStoriesChoices);
80         super.getResponse().addData(dataset);
81     }
82 }
83
84
85
86
87
88
89
```