

```
1
2 package acme.features.manager.project;
3
4 import org.springframework.beans.factory.annotation.Autowired;
5 import org.springframework.stereotype.Service;
6
7 import acme.client.data.models.Dataset;
8 import acme.client.services.AbstractService;
9 import acme.entities.project.Project;
10 import acme.roles.Manager;
11
12 @Service
13 public class ManagerProjectCreateService extends AbstractService<Manager, Project> {
14
15     @Autowired
16     private ManagerProjectRepository repository;
17
18
19     @Override
20     public void authorise() {
21
22         super.getResponse().setAuthorised(super.getRequest().getPrincipal().hasRole
23 (Manager.class));
24     }
25
26     @Override
27     public void load() {
28         Manager manager;
29
30         manager = this.repository.findManagerByManagerId(super.getRequest().getPrincipal
31 ().getActiveRoleId());
32         Project project = new Project();
33         project.setDraft(true);
34         project.setHasFatalErrors(false);
35         project.setManager(manager);
36
37         super.getBuffer().addData(project);
38     }
39
40     @Override
41     public void bind(final Project project) {
42         assert project != null;
43
44         super.bind(project, "code", "title", "abstractText", "hasFatalErrors", "cost",
45 "link", "isDraft", "hasFatalErrors");
46     }
47
48     @Override
49     public void validate(final Project project) {
50         assert project != null;
51
52         if (!super.getBuffer().getErrors().hasErrors("hasFatalErrors"))
53             super.state(!project.isHasFatalErrors(), "hasFatalErrors",
54 "manager.project.form.error.fatal-errors");
55
56         if (!super.getBuffer().getErrors().hasErrors("cost"))
57             super.state(project.getCost().getAmount() >= 0, "cost",
58 "manager.project.form.error.negative-cost");
59
60         if (!super.getBuffer().getErrors().hasErrors("code")) {
61             Project existing;
```

```
58
59     existing = this.repository.findOneProjectByCode(project.getCode());
60
61     super.state(existing == null, "code", "manager.project.form.error.duplicated");
62 }
63 }
64
65 @Override
66 public void perform(final Project project) {
67     assert project != null;
68
69     this.repository.save(project);
70 }
71
72 @Override
73 public void unbind(final Project project) {
74     assert project != null;
75
76     Dataset dataset;
77
78     dataset = super.unbind(project, "code", "title", "abstractText", "hasFatalErrors",
"cost", "link", "isDraft", "hasFatalErrors");
79
80     super.getResponse().addData(dataset);
81 }
82
83 }
84
```