

```
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 ManagerProjectPublishService extends AbstractService<Manager, Project> {
14
15     // Internal state -----
16
17     @Autowired
18     private ManagerProjectRepository repository;
19
20     // AbstractService<Manager, Project> -----
21
22
23     @Override
24     public void authorise() {
25         boolean status;
26         int masterId;
27         Project project;
28
29         masterId = super.getRequest().getData("id", int.class);
30         project = this.repository.findProjectById(masterId);
31         status = project != null && project.isDraft() && super.getRequest().getPrincipal
32             ().hasRole(Manager.class) && project.getManager().getId() == super.getRequest
33             ().getPrincipal().getActiveRoleId();
34
35         super.getResponse().setAuthorised(status);
36     }
37
38     @Override
39     public void load() {
40         Project project;
41         int id;
42
43         id = super.getRequest().getData("id", int.class);
44         project = this.repository.findProjectById(id);
45
46         super.getBuffer().addData(project);
47     }
48
49     @Override
50     public void bind(final Project project) {
51         assert project != null;
52
53         super.bind(project, "code", "title", "abstractText", "hasFatalErrors", "cost",
54             "link", "isDraft");
55     }
56
57     @Override
58     public void validate(final Project project) {
59         boolean condition = this.repository.findAllUserStoriesOfAProjectById(project.getId
60            ()).stream().allMatch(x -> x.isDraft() == false) &&
61             this.repository.findAllUserStoriesOfAProjectById(project.getId()).size() > 0
62             && project.isHasFatalErrors() == false;
```

```
58     super.state(condition, "*", "manager.project.form.error.publishable");
59     if (!super.getBuffer().getErrors().hasErrors("hasFatalErrors"))
60         super.state(!project.isHasFatalErrors(), "hasFatalErrors",
"manager.project.form.error.fatal-errors");
61
62     if (!super.getBuffer().getErrors().hasErrors("cost"))
63         super.state(project.getCost().getAmount() >= 0, "cost",
"manager.project.form.error.negative-cost");
64
65     if (!super.getBuffer().getErrors().hasErrors("code")) {
66         Project existing;
67
68         existing = this.repository.findOneProjectByCode(project.getCode());
69
70         super.state(existing == null || existing.equals(project), "code",
"manager.project.form.error.duplicated");
71     }
72
73 }
74
75 @Override
76 public void perform(final Project project) {
77     assert project != null;
78
79     project.setDraft(false);
80     this.repository.save(project);
81 }
82
83 @Override
84 public void unbind(final Project project) {
85     assert project != null;
86     boolean userStoriesPublishables;
87     boolean isDraft;
88
89     userStoriesPublishables = this.repository.findAllUserStoriesOfAProjectById
(project.getId()).stream().allMatch(x -> x.isDraft() == false) &&
this.repository.findAllUserStoriesOfAProjectById(project.getId()).size() > 0
90     && project.isHasFatalErrors() == false;
91     isDraft = project.isDraft() == true;
92
93     Dataset dataset;
94
95     dataset = super.unbind(project, "code", "title", "abstractText", "hasFatalErrors",
"cost", "link", "isDraft");
96     dataset.put("projectId", project.getId());
97     dataset.put("publishable", userStoriesPublishables);
98     dataset.put("isDraft", isDraft);
99
100     super.getResponse().addData(dataset);
101 }
102
103 }
104
```