

```
1
2 package acme.features.manager.project;
3
4 import java.util.stream.Stream;
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.entities.project.Project;
12 import acme.entities.project.acceptedCurrency;
13 import acme.roles.Manager;
14
15 @Service
16 public class ManagerProjectCreateService extends AbstractService<Manager, Project> {
17
18     @Autowired
19     private ManagerProjectRepository repository;
20
21
22     @Override
23     public void authorise() {
24
25         super.getResponse().setAuthorised(super.getRequest().getPrincipal().hasRole
26 (Manager.class));
27     }
28
29     @Override
30     public void load() {
31         Manager manager;
32
33         manager = this.repository.findManagerByManagerId(super.getRequest().getPrincipal
34 ().getActiveRoleId());
35         Project project = new Project();
36         project.setDraft(true);
37         project.setHasFatalErrors(false);
38         project.setManager(manager);
39
40         super.getBuffer().addData(project);
41     }
42
43     @Override
44     public void bind(final Project project) {
45         assert project != null;
46
47         super.bind(project, "code", "title", "abstractText", "hasFatalErrors", "cost",
48 "link", "isDraft", "hasFatalErrors");
49     }
50
51     @Override
52     public void validate(final Project project) {
53         assert project != null;
54
55         if (!super.getBuffer().getErrors().hasErrors("cost")) {
56             boolean isCurrencyAccepted = Stream.of(acceptedCurrency.values()).map(x ->
57 x.toString().toLowerCase().trim()).anyMatch(currency -> currency.equals(project.getCost
58 ().getCurrency().toLowerCase().trim()));
59
60             super.state(isCurrencyAccepted, "cost",
61 "manager.project.form.error.incorrectConcurrency");
62         }
63     }
64 }
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57         super.state(project.getCost().getAmount() >= 0, "cost",
"manager.project.form.error.negative-cost");
58     }
59
60     if (!super.getBuffer().getErrors().hasErrors("code")) {
61         Project existing;
62
63         existing = this.repository.findOneProjectByCode(project.getCode());
64
65         super.state(existing == null, "code", "manager.project.form.error.duplicated");
66     }
67 }
68
69 @Override
70 public void perform(final Project project) {
71     assert project != null;
72
73     this.repository.save(project);
74 }
75
76 @Override
77 public void unbind(final Project project) {
78     assert project != null;
79
80     Dataset dataset;
81
82     dataset = super.unbind(project, "code", "title", "abstractText", "hasFatalErrors",
"cost", "link", "isDraft", "hasFatalErrors");
83
84     super.getResponse().addData(dataset);
85 }
86
87 }
88
```