Exercise (Instructions): React Redux Form

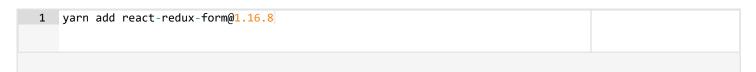
Objectives and Outcomes

In this exercise you will install react-redux-form and then convert the controlled form that we created earlier into a form supported by react-redux-form. At the end of this exercise you will be able to:

- Install and configure react-redux-form
- Implement a controlled form using react-redux-form

Installing and Using react-redux-form

• We first install the *react-redux-form* into our project as follows:



Then open ContactComponent.js and update the Feedback Form to use react-redux-form:

```
1
 2
 3 ▼ import { Breadcrumb, BreadcrumbItem,
                 Button, Row, Col, Label } from 'reactstrap';
 4
 5
    import { Control, LocalForm, Errors } from 'react-redux-form';
 6
 7
 8
9
10 🔻
        handleSubmit(values) {
             console.log('Current State is: ' + JSON.stringify(values));
11
             alert('Current State is: ' + JSON.stringify(values));
12
13
             // event.preventDefault();
14
15
16
17
18
                             <LocalForm onSubmit={(values) => this.handleSubmit
                                (values)}>
                                  <Row className="form-group">
19
                                      <Label htmlFor="firstname" md={2}>First Name
20
                                        </Label>
21
                                      <Col md={10}>
                                          <Control.text model=".firstname" id
22
                                            ="firstname" name="firstname"
23
                                              placeholder="First Name"
                                              className="form-control"
24
25
                                      </Col>
26
                                 </Row>
27
28
                                 <Row className="form-group">
29
                                      <Label htmlFor="lastname" md={2}>Last Name
                                        </Label>
30
                                      <Col md={10}>
                                          <Control.text model=".lastname" id
31
                                            ="lastname" name="lastname"
32
                                              placeholder="Last Name"
33
                                              className="form-control"
34
                                               />
35
                                      </Col>
36
                                 </Row>
                                  <Row className="form-group">
37
                                      <Label htmlFor="telnum" md={2}>Contact Tel
38
                                        .</Label>
39
                                      <Col md={10}>
                                          <Control.text model=".telnum" id="telnum"
40
                                            name="telnum"
41
                                              placeholder="Tel. Number"
42
                                              className="form-control"
43
                                               />
44
                                      </Col>
45
                                 </Row>
                                  <Row className="form-group">
46
47
                                      <Label htmlFor="email" md={2}>Email</Label>
48
                                      <Col md={10}>
                                          <Control.text model=".email" id="email" name
49
                                            ="email"
                                              placeholder="Email"
50
51
                                              className="form-control" />
                                      </Col>
52
53
                                 </Row>
54
                                  <Row className="form-group">
55
                                      <Col md={{size: 6, offset: 2}}>
56
                                          <div className="form-check">
57
                                              <Label check>
58
                                                  <Control.checkbox model=".agree"
                                              name="agree"
```

```
59
                                                       className="form-check-input"
60
                                                        /> {' '}
61
                                                       <strong>May we contact you
                                               ?</strong>
62
                                              </Label>
                                          </div>
63
                                      </Col>
64
                                      <Col md={{size: 3, offset: 1}}>
65
                                          <Control.select model=".contactType" name
66
                                            ="contactType"
67
                                              className="form-control">
68
                                              <option>Tel.</option>
69
                                              <option>Email</option>
70
                                          </Control.select>
71
                                      </Col>
72
                                  </Row>
73
                                  <Row className="form-group">
                                      <Label htmlFor="message" md={2}>Your Feedback
74
                                        </Label>
75
                                      <Col md={10}>
76
                                          <Control.textarea model=".message" id
                                            ="message" name="message"
77
                                              rows="12"
78
                                              className="form-control" />
79
                                      </Col>
                                  </Row>
80
81
                                  <Row className="form-group">
                                      <Col md={{size:10, offset: 2}}>
82
                                          <Button type="submit" color="primary">
83
                                          Send Feedback
84
                                          </Button>
85
                                      </Col>
86
87
                                  </Row>
88
                              </LocalForm>
89
```

Save all the changes and do a Git commit with the message "React Redux Form".

Conclusions

In this exercise we installed and used the react-redux-form to design a controlled form.