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:

```
1   yarn add react-redux-form@1.16.8
```

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

```
1   . . .
2
3   import { Breadcrumb, BreadcrumbItem,
4            Button, Row, Col, Label } from 'reactstrap';
5   import { Control, LocalForm, Errors } from 'react-redux-form';
6
7   . . .
8
9
10    . handleSubmit(values) { .          .
6
7   . . .
8
9
10    handleSubmit(values) {
11        console.log('Current State is: ' + JSON.stringify(values));
12        alert('Current State is: ' + JSON.stringify(values));
13        // event.preventDefault();
14    }
15
16  . . .
17
18                      <LocalForm onSubmit={(values) => this.handleSubmit
                            (values)}>
19                          <Row className="form-group">
20                              <Label htmlFor="firstname" md={2}>First Name
                                    </Label>
21                              <Col md={10}>
22                                  <Control.text model=".firstname" id
                                        ="firstname" name="firstname"
23                                      placeholder="First Name"
24                                      className="form-control"
25                                      />
26                              </Col>
27                          </Row>
28                          <Row className="form-group">
29                              <Label htmlFor="lastname" md={2}>Last Name
                                    </Label>
30                              <Col md={10}>
31                                  <Control.text model=".lastname" id
                                        ="lastname" name="lastname"
32                                      placeholder="Last Name"
33                                      className="form-control"
34                                      />
35                              </Col>
36                          </Row>
37                          <Row className="form-group">
38                              <Label htmlFor="telnum" md={2}>Contact Tel
                                    .</Label>
39                              <Col md={10}>
40                                  <Control.text model=".telnum" id="telnum"
                                        name="telnum"
41                                      placeholder="Tel. Number"
42                                      className="form-control"
43                                      />
44                              </Col>
45                          </Row>
46                          <Row className="form-group">
47                              <Label htmlFor="email" md={2}>Email</Label>
48                              <Col md={10}>
49                                  <Control.text model=".email" id="email" name
                                        ="email"
50                                      placeholder="Email"
51                                      className="form-control" />
52                              </Col>
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>
63                                  </div>
64                              </Col>
65                              <Col md={{size: 3, offset: 1}}>
66                                  <Control.select model=".contactType" name
                                        ="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">
74                              <Label htmlFor="message" md={2}>Your Feedback
                                    </Label>
75                              <Col md={10}>
76                                  <Control.textarea model=".message" id
                                        ="message" name="message"
77                                      rows="12"
78                                      className="form-control" />
79                              </Col>
80                          </Row>
81                          <Row className="form-group">
82                              <Col md={{size:10, offset: 2}}>
83                                  <Button type="submit" color="primary">
84                                      Send Feedback
85                                  </Button>
```

```
87          </Row>
88      </LocalForm>
89
90  . . .
```

- 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.

Mark as completed