Exercise (Instructions): React Redux Form Validation

Objectives and Outcomes

In this exercise we will explore simple form validation for react-redux-form. At the end of this exercise you will be able to:

- Configure and implement simple form validation for controlled forms designed using react-redux-form.

Implementing Simple Form Validation

- Open *ContactComponent.js* and update it as follows to implement form validation:

```
1    . . .
2
3
4    const required = (val) => val && val.length;
5    const maxLength = (len) => (val) => !(val) || (val.length <= len);
6    const minLength = (len) => (val) => val && (val.length >= len);
7    const isNumber = (val) => !isNaN(Number(val));
8    const validEmail = (val) => /^[A-Z0-9._%+-]+@[A-Z0-9.-]+\.[A-Z]{2,4}$/i.test(val
     );
9
10   . . .
11
12                            <Row className="form-group">
13                                <Label htmlFor="firstname" md={2}>First Name
                                   </Label>
14                                <Col md={10}>
15                                    <Control.text model=".firstname" id
                                       ="firstname" name="firstname"
16                                        placeholder="First Name"
                                         less'
30                                        }}
31                                    />
32                                </Col>
33                            </Row>
34                            <Row className="form-group">
35                                <Label htmlFor="lastname" md={2}>Last Name
                                   </Label>
36                                <Col md={10}>
37                                    <Control.text model=".lastname" id
                                       ="lastname" name="lastname"
38                                        placeholder="Last Name"
39                                        className="form-control"
40                                        validators={{
41                                            required, minLength: minLength(3),
                                             maxLength: maxLength(15)
42                                        }}
43                                     />
44                                    <Errors
45                                        className="text-danger"
46                                        model=".lastname"
47                                        show="touched"
48                                        messages={{
49                                            required: 'Required',
50                                            minLength: 'Must be greater than 2
                                             characters',
51                                            maxLength: 'Must be 15 characters or
                                             less'
52                                        }}
53                                     />
54                                </Col>
55                            </Row>
68                                    modë[=".telnum"
69                                        show="touched"
70                                        messages={{
71                                            required: 'Required',
72                                            minLength: 'Must be greater than 2
                                             numbers',
73                                            maxLength: 'Must be 15 numbers or
                                             less',
74                                            isNumber: 'Must be a number'
75                                        }}
76                                     />
77                                </Col>
78                            </Row>
79                            <Row className="form-group">
85                                        validators={{
86                                            required, validEmail
87                                        }}
88                                     />
89                                    <Errors
90                                        className="text-danger"
91                                        model=".email"
92                                        show="touched"
93                                        messages={{
94                                            required: 'Required',
95                                            validEmail: 'Invalid Email Address'
96                                        }}
97                                     />
98                                </Col>
99                            </Row>
100
101  . . .
```

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

Conclusions

In this exercise you learnt about implementing simple form validation using react-redux-form.