Coding Assignment 3.1

Build A Formik Form (120:00)

#### **Learning Outcome Addressed**

 9.Create and validate a form with Formik

Now, you’ll work with Formik to create and validate a form.

**React Forms - Formik**

### Using Formik

Note: This lesson takes a long time to load because it has to download the dependencies and then start the React development server.

**Formik** is a small library that helps you with the three most annoying aspects of creating forms in React:

* Getting values in and out of the form state
* Validation and error messages
* Handling form submission

By collocating all of the above in one place, **Formik** will keep things organized, thereby, making testing, refactoring, and reasoning about your forms a breeze.

**In this activity, your task is to create a login form with validation using Formik.**

Your form should include the following:

* An Email field
* A Password field
* A Submit Button

Your form should implement the following input validation rules:

* If the username or password inputs are empty, display the message "field required" under the text input.
* If the username is not in an email format, display the message "username should be an email" under the text input.
* If the username and password pass the validation above, then display the message "Login Successful" in an alert box.

Your form should implement the following specific details:

* The email input field should have an id of emailField
* The email error message should be within a div element that has an id of emailError
* The password input field should have an id of pswField
* The password error message should be within a div element that has an id of pswError
* The submit button should have an id of submitBtn

The starter code can be found inside src/App.js.

Tasks

Add form validation to a login form using Formik

**1**

If the username and password pass the validation above, then display the message "Login Successful" in an alert box.

**Hints:**

**Step:1 create on submit function to handle a submit button**

**Step:2 create validate function to validate email id and password(must use formik)**

**Step:3 Add a const called formik assigned to use formik**