







FORMS + REACT

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Consider the following ModuleList component

```
class ModuleList ... {  
  constructor() { super();  
    this.state = { modules: [ ... ] };}  
  renderListOfModules() { ... }  
  render() { return (  
    <ul className="list-group">  
      {this.renderListOfModules()}  
    </ul>  
  );}};
```

Module 1	
Module 2	
Module 3	
Module 4	
Module 5	
Module 6	

Let's add a form to add new modules

```
render() {  
  return (  
    <div>  
      <input className="form-control"  
        placeholder="title"/>  
      <ul className="list-group">  
        {this.renderListOfModules()}  
      </ul>  
    </div>);  
  }
```

Module 1



Module 2



Module 3



Module 4



Module 5



Module 6



Let's declare an event handler for the title field

```
constructor() {  
  this.titleChanged = this.titleChanged.bind(this);  
}  
titleChanged(event) {  
  console.log(event.target.value);  
}
```







```
<input onChange={this.titleChanged}/>
```

Now let's bind the field's value to the state

```
constructor() {  
  this.state = {  
    module: { title: " " }, modules: [ ... ]  
  };  
}  
titleChanged(event) {  
  this.setState({module: {title: event.target.value}});  
}  
<input onChange={this.titleChanged}  
  value={this.state.module.title}/>
```

Now let's add a button to create a new module

```
<button  
  className=  
    "btn btn-primary  
    btn-block">  
  <i className=  
    "fa fa-plus"></i>  
</button>
```

title	
<div>+</div>	
Module 1	
Module 2	
Module 3	
Module 4	
Module 5	
Module 6	

Bind the button's onClick to an event handler

```
constructor() {  
  this.createModule = this.createModule.bind(this);  
}  
createModule() {  
  console.log(this.state.module);  
}  
<button onClick={this.createModule}>  
  <i className="fa fa-plus"></i>  
</button>
```