**What Is React?**

React is a declarative, efficient, and flexible JavaScript library for building user interfaces. It lets you compose complex UIs from small and isolated pieces of code called “components”.

React has a few different kinds of components, but we’ll start with React.Componentsubclasses:

class GuestList extends React.Component {

render() {

return (

<div className="guest-list">

<h1>Guest List for {this.props.name}</h1>

<ul>

<li>Instagram</li>

<li>WhatsApp</li>

<li>Oculus</li>

</ul>

</div>

);

}

}

// Example usage: <GuestList name="Mark" />

We’ll get to the funny XML-like tags soon. We use components to tell React what we want to see on the screen. When our data changes, React will efficiently update and re-render our components.

Here, ShoppingList is a **React component class**, or **React component type**. A component takes in parameters, called props (short for “properties”), and returns a hierarchy of views to display via the render method.