



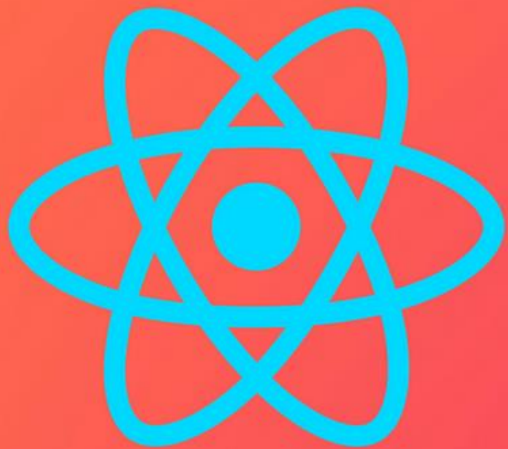
Saptamana 15

Partea 2

Programare Front-End

Recap props + example

Airbnb exercise



UNDERSTANDING STATE IN REACT

React State

- State-ul este un **object** JavaScript care stocheaza date dinamice si determina comportamentul componentei
- State-ul poate fi folosit doar intr-o componenta de tip **Class** (mai nou si in componente de tip functional- react hooks).
- Stateul poate fi asemanat cu *props* la modul cum accesam datele dar diferenta o face faptul ca props sunt read-only pe cand stateul poate fi modificat
- Modul prin care modificam stateul este prin metoda **setState**

```
class Profile extends React.Component {  
  constructor(props) {  
    super(props);  
    // Define your state object here  
    this.state = {  
      name: 'Sasha Grey'  
    }  
  }  
  render(){  
    return <h1>Hello { this.state.name }</h1>;  
  }  
}
```

React Component LifeCycle

Metode ce se apeleaza cand componenta este creata:

- **constructor**
- **render**
- **componentDidMount**

Metode ce se apeleaza cand s-au efectuat schimbari catre props sau **state**

- **shouldComponentUpdate**
- **render**
- **getSnapshotBeforeUpdate**
- **componentDidUpdate**

Metode ce se apeleaza cand componenta este scoasa din DOM

- **componentWillUnmount**

[learn about them!](#)

React Routing

Reach Router sau React Router

<https://reach.tech/router>

<https://reacttraining.com/react-router/web/guides/quick-start>

PRACTICE: **React**

<https://imgur.com/vF2zTyg>

