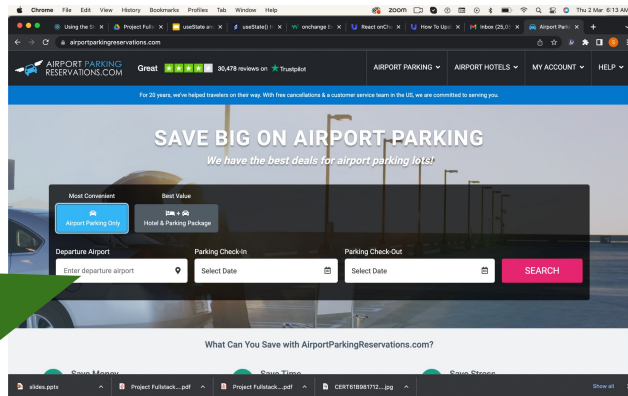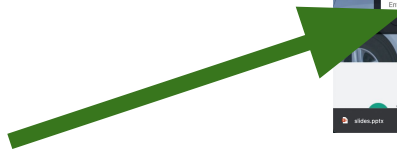# Fullstack Client Project

Airport Parking Reservation Search Portal

How to pass input fields from a page to a component?

Example a text field

We need the following steps

(A)   Add onChangeHandler

               For button use the clickHandler

(B)   Pass the input value to function in handler

(C)   Store input value in state (useState)

A

Add onChangeHandler

```
<input name="firstName" onChange={handleChange}
```

JavaScript allows us to listen to an input's change in value by providing the attribute *onchange*. React's version of the onchange event handler is the same, but camel-cased.

B Pass the input value to function in handler

```
function App() {

  function handleChange(event) {
    console.log(event.target.value);
  }


  return (
    <input name="firstName" onChange={handleChange} />
);
}
```

C   Store input value in state (useState)

```
import React from 'react';

function App() {
  const [firstName, setFirstName] = useState('');

  return (
    <input value={firstName}    name="firstName"
    onChange={e => setFirstName(e.target.value)} />
  );
}

export default App;
```

useState is great for forms where you have to get the values from input fields and validate thigs

<form>

Set initial value
Say "Delhi"

Can work with any type
Of data

</form>

What are Hooks?

Launched with   React v16.8 in 2019

Much cleaner syntax, less code and easier to understand compared to class components

Allows us "hook into" various React features within functional components.

Could be empty.
Only called once

const (departureAiport, setDepartureAiport)   =   useState('Delhi')

Set the stateful
value

Get the value
Using e