

Front-End Development



PRIMEREACTION

Favorite UI Framework for React



- **PrimeReact** is a collection of rich user interface components for React. All widgets are open source and free to use under MIT License. PrimeReact is developed by PrimeTek Informatics, a vendor with years of expertise in developing open source UI solutions.
- For project news and updates, click <https://www.primefaces.org/primereact/#/>

Setup #1

- On our React project, Install its package:

```
$ npm install primereact -save
```

- Almost every PrimeReact's main components need other dependencies:

```
$ npm install react-transition-group
```

```
$ npm install font-awesome
```

```
$ npm install classnames
```

- **Note:** for Charts & Gmaps component, it needs other 3rd party dependencies: Charts.js & Google Maps.

Setup #2

■ Then, import lines below & you're ready to go:

```
import  
'primereact/resources/primereact.min.css';  
  
import  
'primereact/resources/themes/omega/theme.css';  
  
import  
'font-awesome/css/font-awesome.css';
```

■ Available themes:

omega, cruze, cupertino, darkness, flick, home, kasper, lightness, ludvig, pepper-grinder, redmond, rocket, south-street, start, tronstatic, voclain

Button #1

```
import {Button} from  
'primereact/components/button/Button';
```

.

```
<Button label="Login" icon="fa-facebook" />
```

```
<Button label="OK" icon="fa-check" iconPos="right"/>
```

```
<Button icon="fa-home" iconPos="right"/>
```

.



Button #2

```
import {Button} from  
'primereact/components/button/Button';
```

.

```
<Button label="Secondary" className="ui-button-secondary"/>
```

```
<Button label="Success" className="ui-button-success"/>
```

```
<Button label="Info" className="ui-button-info"/>
```

```
<Button label="Warning" className="ui-button-warning"/>
```

```
<Button label="Danger" className="ui-button-danger"/>
```

.



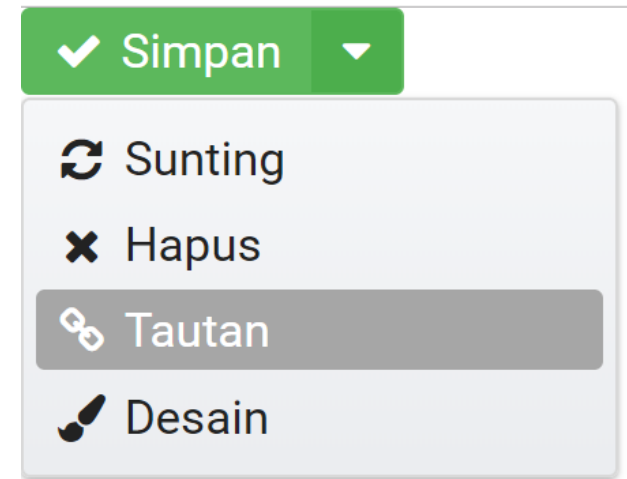
Split Button

• • • • •

```
import {SplitButton} from  
'primereact/components/splitbutton/  
SplitButton';
```

```
class App extends Component {  
  render() {  
    var items = [  
      {label:'Sunting', icon:'fa-refresh', command: ()=>{}},  
      {label:'Hapus', icon:'fa-close', command: ()=>{}},  
      {label:'Tautan', icon:'fa-link', command: ()=>{}},  
      {label:'Desain', icon:'fa-paint-brush', command: ()=>{}},  
    ];  
    return (  
      <div>  
        <SplitButton label="Simpan" icon="fa-check" model={items}  
          className="ui-button-success"></SplitButton>  
      </div>  
    );  
  }  
}
```

• • • • •

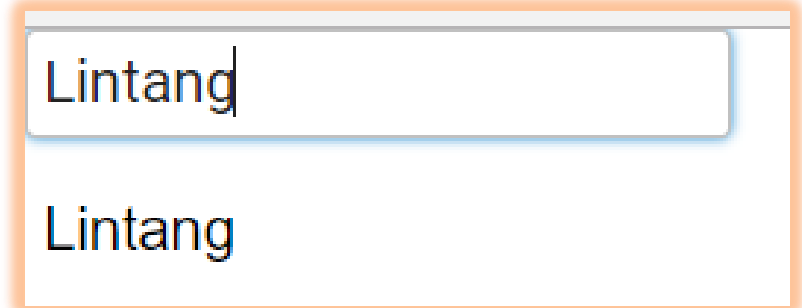


Input Text

.

```
import {InputText} from  
'primereact/components/inputtext/InputText';
```

```
class App extends Component {  
  constructor(){  
    super();  
    this.state={nama: ''};  
  }  
  render() {  
    return (  
      <div>  
        <InputText placeholder="Ketik nama Anda..."  
        onChange={(x)=>this.setState({nama: x.target.value})}/>  
        <p style={{marginLeft: '5px'}}>{this.state.nama}</p>  
      </div>  
    );  
  }  
}
```



The image shows a screenshot of a web application. It features a text input field with the placeholder text "Ketik nama Anda...". The input field contains the text "Lintang". Below the input field, the text "Lintang" is displayed, representing the state of the application after the input has been processed.

.

Input Text

#Floating Label

```
. . . . .  
import {InputText} from  
'primereact/components/inputtext/InputText';  
  
class App extends Component {  
  render() {  
    return (  
      <div style={{margin:'50px'}}>  
        <span className="ui-float-label">  
          <InputText id="float-input" type="text"  
            size="30" />  
          <label htmlFor="float-input">Alamat</label>  
        </span>  
      </div>  
    );  
  }  
}  
.  
.  
.  
.  
.  
.
```

Alamat

Green Office Park 9, BSD City

Text Area

.

```
import {InputTextarea} from  
'primereact/components/inputtextarea/InputTextarea';
```

```
class App extends Component {  
  render() {  
    return (  
      <div style={{margin:'50px'}}>  
        <InputTextarea value={' '} onChange={()=>{}}  
          rows={5} cols={30} autoResize={true}  
          placeholder={'Ketik pendapat Anda...'}>  
        </InputTextarea>  
      </div>  
    );  
  }  
}
```

.



Ketik pendapat Anda...

Auto Complete

```
import {AutoComplete} from
'primereact/components/autocomplete/AutoComplete';

class App extends Component {
  constructor(){
    super();
    this.state={nama:''};
  }
  render() {
    return (
      <div>
        <AutoComplete value={this.state.nama} field="name"
          size={30} placeholder="Ketik nama Anda..."
          onChange={(x) => this.setState({nama: x.value})} />

        <p style={{marginLeft:"10px"}}>
          Nama: {this.state.nama ? this.state.nama : "belum diisi"}
        </p>
      </div>
    );
  }
}
```

Ketik nama Anda...

Nama: belum diisi

Lintang

Nama: Lintang

• • • • •

```
import {Checkbox} from  
'primereact/components/checkbox/Checkbox';
```

```
class App extends Component {  
  constructor(){  
    super();  
    this.state={cek1:false};  
  }  
  render() {  
    return (  
      <div>  
        <Checkbox inputId="cek1" value="Jakarta"  
          onChange={()=>{  
            this.setState({cek1:!this.state.cek1})}}  
          checked={this.state.cek1}/>  
        <label htmlFor="cek1"> Jakarta </label>  
      </div>  
    );  
  }  
}
```

• • • • •

Checkbox



Jakarta

Rating

• • • • •

```
import {Rating} from  
'primereact/components/rating/Rating'
```

```
class App extends Component {  
  constructor(){  
    super();  
    this.state={rating:0}  
  }  
  render() {  
    return (  
      <div>  
        <h2>Rating Anda: {this.state.rating}</h2>  
        <Rating value={this.state.rating} stars={10}  
          onChange={(e) => this.setState({rating: e.value})}/>  
      </div>  
    );  
  }  
}
```

• • • • •

Rating Anda: 7



Password

```
. . . . .  
import {Password} from  
'primereact/components/password/Password';  
  
class App extends Component {  
  render() {  
    return (  
      <div>  
        <h2>Kata Sandi</h2>  
        <Password />  
      </div>  
    );  
  }  
}
```

.

Kata Sandi

.....

Medium

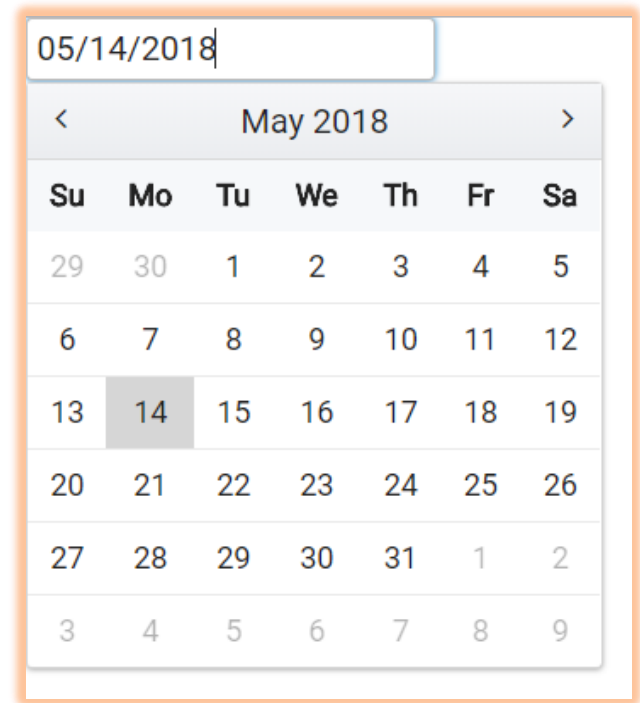
Calendar

.

```
import {Calendar} from  
'primereact/components/calendar/Calendar';
```

```
class App extends Component {  
  render() {  
    return (  
      <div>  
        <Calendar  
          onChange={()=>{}}>  
        </Calendar>  
      </div>  
    );  
  }  
}
```

.



FileUpload

#Basic

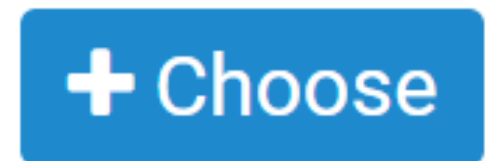
.

```
import {FileUpload} from  
'primereact/components/fileupload/FileUpload';
```

.

```
<div style={{margin:'50px'}}>  
  <FileUpload name="demo" url="./upload"  
    multiple={true} accept="image/*"  
    maxFileSize="1000000" mode="basic" />  
</div>
```

.



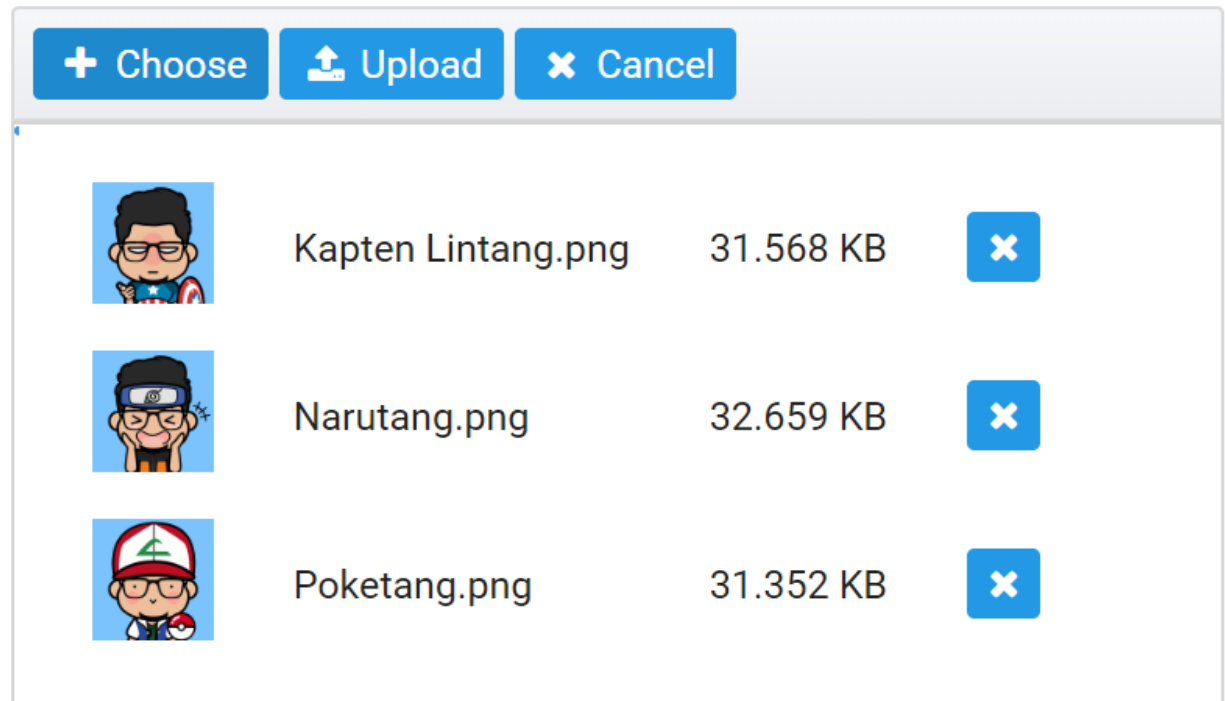
FileUpload

#Advanced

.

```
<div style={{margin:'50px'}}>  
  <FileUpload name="demo" url="./upload"  
    multiple={true} accept="image/*"  
    maxFileSize="1000000"  
    mode="advanced" onUpload={()=>{}} />  
</div>
```

.



.

```
import {Accordion, AccordionTab} from  
'primereact/components/accordion/Accordion';
```

.

```
<Accordion multiple={false}>  
  <AccordionTab header="Accordion 1">  
    Ini Accordion Satu  
  </AccordionTab>  
  <AccordionTab header="Accordion 2">  
    Ini Accordion Dua  
  </AccordionTab>  
  <AccordionTab header="Accordion 3">  
    Ini Accordion Tiga  
  </AccordionTab>  
</Accordion>
```

.

▶ Accordion 1

▼ Accordion 2

Ini Accordion Dua

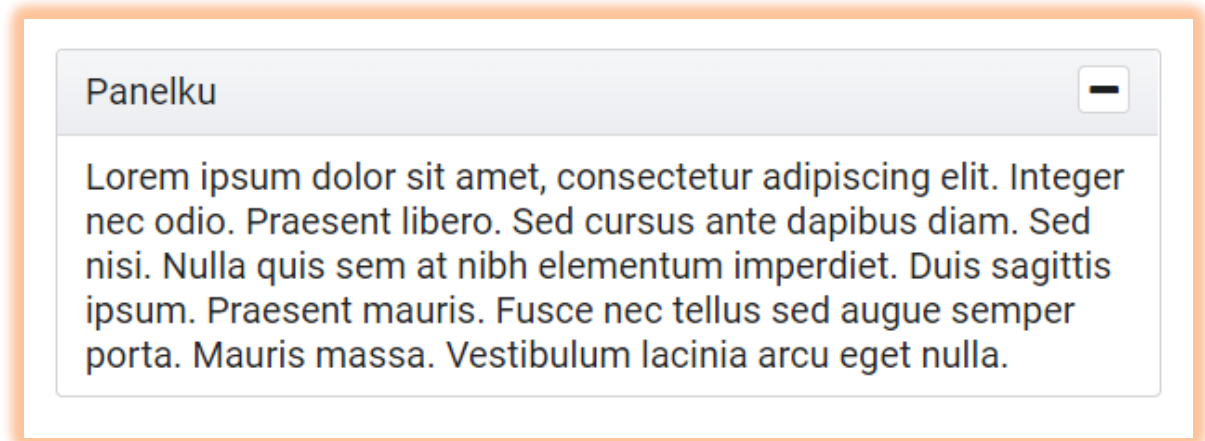
▶ Accordion 3

Accordion

Panel

```
• • • • •  
import {Panel} from  
'primereact/components/panel/Panel';  
  
• • • • •  
<div style={{margin:'50px'}}>  
  <Panel header="Panelku" toggleable={true}>  
    Lorem ipsum...  
  </Panel>  
</div>
```

• • • • •



ScrollPane

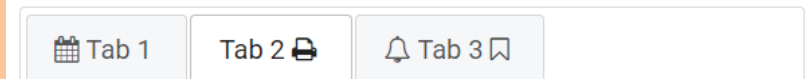
```
. . . . .  
import {ScrollPane} from  
'primereact/components/scrollpanel/ScrollPane';  
  
. . . . .  
<div style={{margin:'50px'}}>  
  <ScrollPane style={{width:'100%', height:'200px'}}>  
    Lorem ipsum...  
  </ScrollPane>  
</div>
```

non, massa. Fusce ac turpis quis ligula lacinia aliquet. Maecenas ipsum. Nulla
metus metus, ullamcorper vel, tincidunt sed, euismod in, nibh. Quisque
volutpat condimentum velit. Class aptent taciti sociosqu ad litora torquent
per conubia nostra, per inceptos himenaeos. Nam nec ante. Sed lacinia,
urna non tincidunt mattis, tortor neque adipiscing diam, a cursus ipsum
ante quis turpis. Nulla facilisi. Ut fringilla. Suspendisse potenti. Nunc feugiat
mi a tellus consequat imperdiet. Vestibulum sapien. Proin quam. Etiam
ultrices. Suspendisse in justo eu magna luctus suscipit. Sed lectus. Integer
euismod lacus luctus magna. Quisque cursus, metus vitae pharetra auctor,
sem massa mattis sem, at interdum magna augue eget diam. Vestibulum
ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae:

TabView

```
import {TabView, TabPanel} from  
'primereact/components/tabview/TabView';
```

```
<TabView>  
  <TabPanel header="Tab 1" leftIcon="fa-calendar">  
    Lorem ipsum...  
  </TabPanel>  
  <TabPanel header="Tab 2" rightIcon="fa-print">  
    Lorem ipsum...  
  </TabPanel>  
  <TabPanel header="Tab 3" leftIcon="fa-bell-o"  
    rightIcon="fa-bookmark-o">  
    Lorem ipsum...  
  </TabPanel>  
</TabView>
```

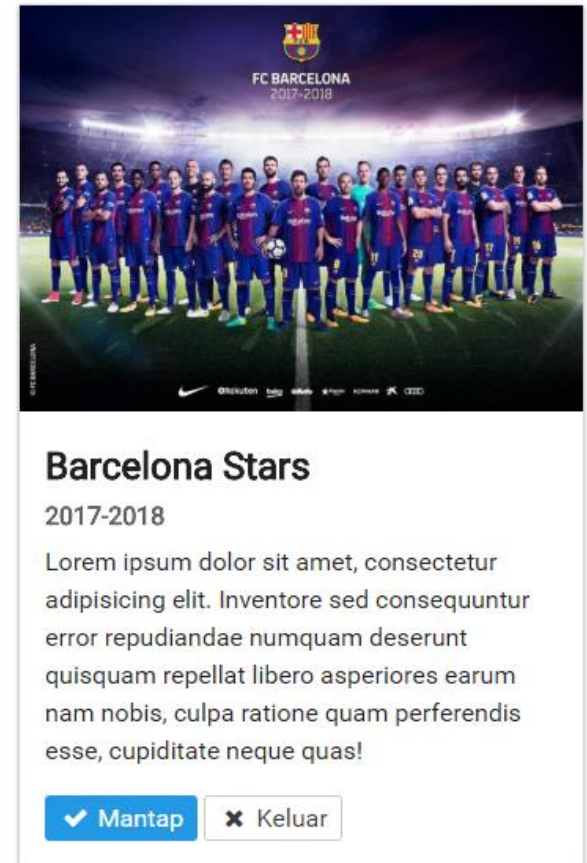


2. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer nec odio. Praesent libero. Sed cursus ante dapibus diam. Sed nisi. Nulla quis sem at nibh elementum imperdiet. Duis sagittis ipsum. Praesent mauris. Fusce nec tellus sed augue semper porta. Mauris massa. Vestibulum lacinia arcu eget nulla.

Card

```
import {Button} from
'primereact/components/button/Button';
import {Card} from 'primereact/components/card/Card';

class App extends Component {
  render() {
    let header = <img alt="Card" src='barca.jpg' />;
    let footer = <span>
      <Button label="OK" icon="fa-check"/>
      <Button label="EXIT" icon="fa-close"/>
    </span>;
    return (
      <div style={{margin:'50px'}}>
        <Card title="Barcelona Stars"
          subtitle="2017-2018"
          style={{width:'360px'}}
          className="ui-card-shadow"
          footer={footer} header={header}>
          <div> Lorem ipsum... </div>
        </Card>
      </div>
    );
  }
}
```



Front-End Development



PRIMER

Favorite UI Framework for React