



tailwind flowbite React

Flowbite

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Flowbite React 다크모드 적용하기

Flowbite

flowbite란?

- Tailwind CSS의 컴포넌트 라이브러리이다.
- Interactive한 UI 컴포넌트 오픈소스 라이브러리

flowbite의 특징

- 유틸리티 우선 Tailwind CSS 프레임워크를 기반으로 하는 UI 오픈소스 라이브러리
 - 다크모드 지원, 피그마 디자인 시스템, 템플릿 등을 지원
- 웹사이트가 필요로 하는 자주 사용되는 컴포넌트인 버튼, 드롭다운, 네비게이션 바, 모달부터 데이트 피커 까지 다양한 컴포넌트 들을 지원
- 타입스크립트도 지원하며 테일윈드 CSS의 유틸리티 클래스와 바닐라 자바스크립트로 만들어짐

flowbite 시작하기

- flowbite 설치

```
npm i flowbite-react
```

- content 추가해주기

```
module.exports = {
  content: ['./src/**/*.{js,jsx,ts,tsx}' /* src folder, for e
    'node_modules/flowbite-react/lib/esm/**/*.js',
  ],
  theme: {
    extend: {},
  },
  plugins: [require('flowbite/plugin'),],
};
```

- flowbite의 컴포넌트 사용하기
 - flowbite-react로 부터 import하여 사용

```
import { Button } from 'flowbite-react';

export default function MyPage() {
  return (
    <div>
      <Button>Click me</Button>
    </div>
  );
}
```

```
);  
}
```

Flowbite React 컴포넌트들

Accordion

- 아코디언 메뉴를 생성해 준다

What is Flowbite?



Is there a Figma file available?



What are the differences between Flowbite and Tailwind UI?



```
import { Accordion } from 'flowbite-react';  
  
<Accordion collapseAll>  
  <Accordion.Panel> // 각 항목  
    <Accordion.Title>제목</Accordion.Title>  
    <Accordion.Content>내용</Accordion.Content>  
  </Accordion.Panel>  
  <Accordion.Panel> // 각 항목  
    <Accordion.Title>제목</Accordion.Title>  
    <Accordion.Content>내용</Accordion.Content>  
  </Accordion.Panel>  
  ...  
</Accordion>
```

Alert

- 경고 요소, 다양한 색상, 크기, 스타일을 지원 하며 상황별 텍스트를 사용자에게 표시하는데 사용 가능

i 정보 경고! 몇 가지 사항을 변경한 후 다시 제출해 보세요. X

이 정보 알림에 대한 자세한 내용은 여기에서 확인하세요. 이 예제 텍스트는 경고 내의 공백이 이러한 종류의 콘텐츠에서 어떻게 작동하는지 확인할 수 있도록 조금 더 길게 실행됩니다.

 더보기

해고하다

```
import { HiEye, HiInformationCircle } from 'react-icons/hi';
import { Alert } from 'flowbite-react';

function Component() {
  return (
    <Alert
      additionalContent={<ExampleAdditionalContent />}
      color="success"
      icon={HiInformationCircle}
      onDismiss={() => alert('Alert dismissed!')}
      rounded
    >
      <span className="font-medium">Info alert!</span> Change
    </Alert>
  );
}
```

Avatar

- 아바타 요소를 만들어주는 컴포넌트
 - 드롭다운, 텍스트 등 다양한 컴포넌트도 지원



```
import { Avatar } from 'flowbite-react';

function Component() {
  return (
    <div className="flex flex-wrap gap-2">
      <Avatar img="/images/people/profile-picture-5.jpg" alt="Profile picture 5" />
      <Avatar img="/images/people/profile-picture-5.jpg" />
    </div>
  );
}
```

Badge

- 텍스트, 라벨, 카운터 등을 단락이나 버튼 내에 표시하기 위한 컴포넌트
 - 하이퍼링크를 달거나 아이콘도 삽입 가능



```
import { Badge } from 'flowbite-react';

function Component() {
  return (
    <div className="flex flex-wrap gap-2">
      <Badge href="#">Default</Badge>
      <Badge size="sm" href="#">
        Default
      </Badge>
    </div>
  );
}
```

Breadcrumb


- 사용자의 웹사이트 탐색을 돕는 페이지 구조와 URL을 만들고 표시
- prop을 사용하여 href 탐색 경로 항목을 클릭 가능하게 만들고 icon을 활용하여 아이콘 추가 가능

🏠 집 > 프로젝트 > 플로우바이트 리액트

```
import { Breadcrumb } from 'flowbite-react';
import { HiHome } from 'react-icons/hi';

function Component() {
  return (
    <Breadcrumb aria-label="Solid background breadcrumb examp.
      <Breadcrumb.Item href="#" icon={HiHome}>
        Home
      </Breadcrumb.Item>
      <Breadcrumb.Item href="#">Projects</Breadcrumb.Item>
      <Breadcrumb.Item>Flowbite React</Breadcrumb.Item>
    </Breadcrumb>
  );
}
```

Button

[Edit on GitHub](#)

Default

Blue

Gray

Dark

Light

Success

Failure

Warning

Purple

client.tsxserver.tsx

Copy code

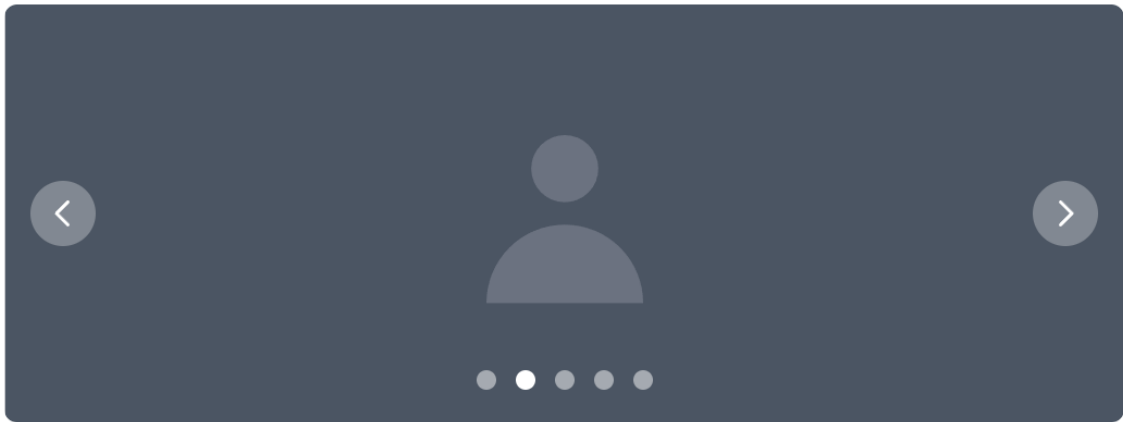
```
'use client';

import { Button } from 'flowbite-react';

function Component() {
  return (
    <div className="flex flex-wrap gap-2">
      <Button>Default</Button>
      <Button color="blue">Blue</Button>
      <Button color="gray">Gray</Button>
      <Button color="dark">Dark</Button>
      <Button color="light">Light</Button>
      <Button color="success">Success</Button>
      <Button color="failure">Failure</Button>
      <Button color="warning">Warning</Button>
      <Button color="purple">Purple</Button>
    </div>
  );
}
```

Carousel

- 슬라이딩 애니메이션을 위한 Carousel



client.tsx

server.tsx

Copy code

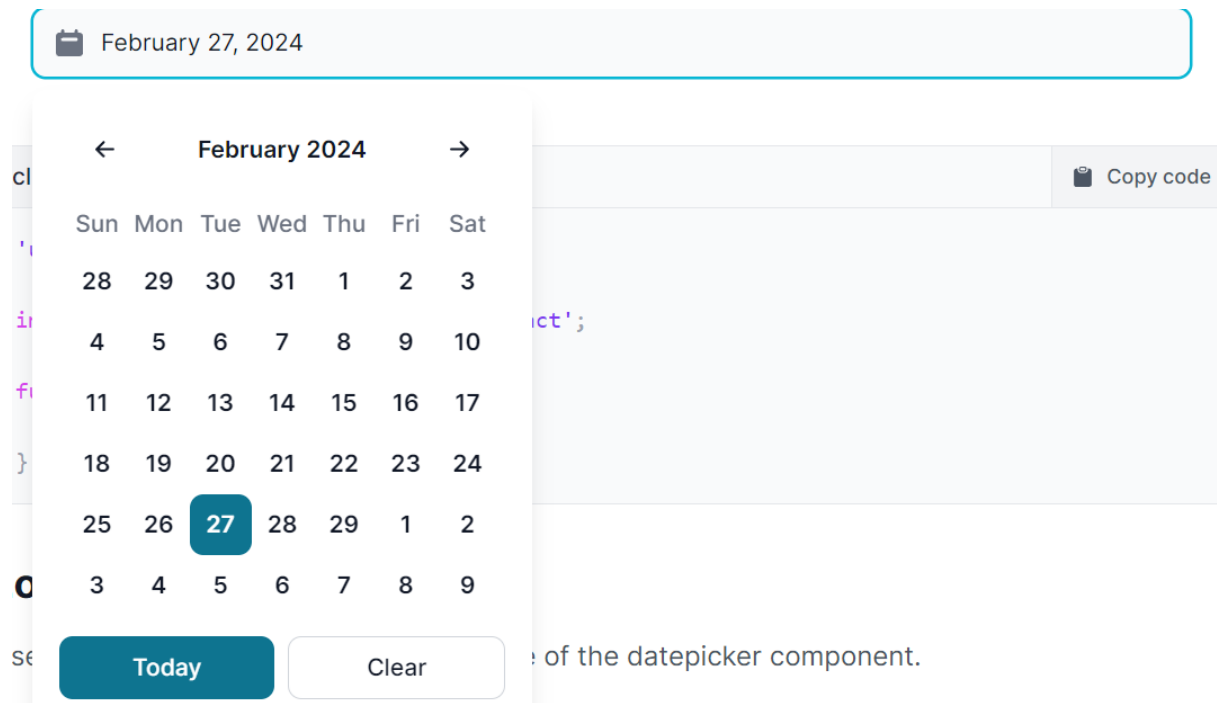
```
'use client';

import { Carousel } from 'flowbite-react';

function Component() {
  return (
    <div className="h-56 sm:h-64 xl:h-80 2xl:h-96">
      <Carousel slideInterval={5000}>
        
        
        
        
        
      </Carousel>
    </div>
  );
}
```

Datepicker

- 날짜 선택이 가능한 입력창

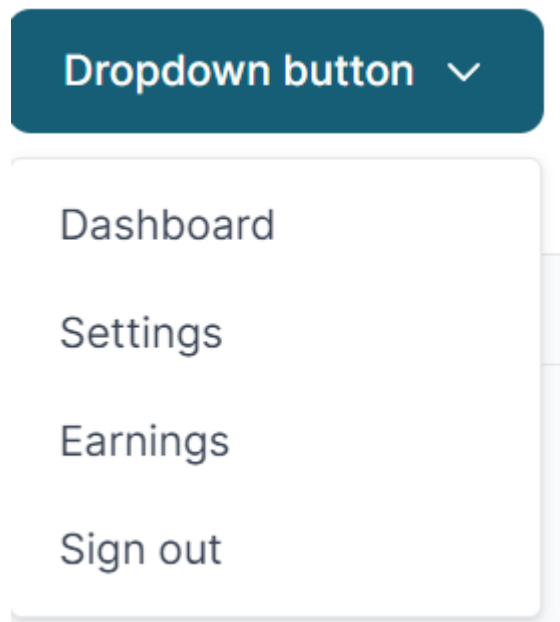


```
import { Datepicker } from 'flowbite-react';

function Component() {
  return <Datepicker />;
}
```

Dropdown

- 드롭다운 버튼



```
import { Dropdown } from 'flowbite-react';

function Component() {
  return (
    <Dropdown label="Dropdown button" dismissOnClick={false}>
      <Dropdown.Item>Dashboard</Dropdown.Item>
      <Dropdown.Item>Settings</Dropdown.Item>
      <Dropdown.Item>Earnings</Dropdown.Item>
      <Dropdown.Item>Sign out</Dropdown.Item>
    </Dropdown>
  );
}
```

Modal

- 모달창을 띄워주는 컴포넌트'

Terms of Service



With less than a month to go before the European Union enacts new consumer privacy laws for its citizens, companies around the world are updating their terms of service agreements to comply.

The European Union's General Data Protection Regulation (G.D.P.R.) goes into effect on May 25 and is meant to ensure a common set of data rights in the European Union. It requires organizations to notify users as soon as possible of high-risk data breaches that could personally affect them.

I accept

Decline

```
import { Button, Modal } from 'flowbite-react';
import { useState } from 'react';

function Component() {
  const [openModal, setOpenModal] = useState(false);

  return (
    <>
      <Button onClick={() => setOpenModal(true)}>Toggle modal</Button>
      <Modal show={openModal} onClose={() => setOpenModal(false)}>
        <Modal.Header>Terms of Service</Modal.Header>
        <Modal.Body>
          <div className="space-y-6">
            <p className="text-base leading-relaxed text-gray-500">
              With less than a month to go before the European Union enacts new
              consumer privacy laws for its citizens, companies around the world are
              updating their terms of service agreements to comply.
            </p>
            <p className="text-base leading-relaxed text-gray-500">
              The European Union's General Data Protection Regulation (G.D.P.R.) goes
              into effect on May 25 and is meant to ensure a common set of data rights in the
              European Union. It requires organizations to notify users as soon as possible
              of high-risk data breaches that could personally affect them.
            </p>
          </div>
        </Modal.Body>
      </Modal>
    </>
  );
}
```

```

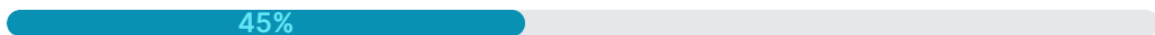
        soon as possible of high-risk data breaches tha
    </p>
  </div>
</Modal.Body>
<Modal.Footer>
  <Button onClick={() => setOpenModal(false)}>I accep
  <Button color="gray" onClick={() => setOpenModal(fa
    Decline
  </Button>
</Modal.Footer>
</Modal>
</>
);
}

```

Progress bar

- 진행도를 표시해주는 상태 바

Flowbite



```

import { Progress } from 'flowbite-react';

function Component() {
  return (
    <Progress
      progress={45}
      progressLabelPosition="inside"
      textLabel="Flowbite"
      textLabelPosition="outside"
      size="lg"
      labelProgress
      labelText
    />
  );
}

```

```
);  
}
```

Timeline

- 타임라인 순으로 표시해주는 타임라인 컴포넌트

February 2022

Application UI code in Tailwind CSS

Get access to over 20+ pages including a dashboard layout, charts, kanban board, calendar, and pre-order E-commerce & Marketing pages.

[Learn More →](#)

March 2022

Marketing UI design in Figma

All of the pages and components are first designed in Figma and we keep a parity between the two versions even as we update the project.

April 2022

E-Commerce UI code in Tailwind CSS

Get started with dozens of web components and interactive elements built on top of Tailwind CSS.

```
import { Button, Timeline } from 'flowbite-react';  
import { HiArrowNarrowRight } from 'react-icons/hi';  
  
function Component() {  
  return (  
    <Timeline>  
      <Timeline.Item>  
        <Timeline.Point />  
        <Timeline.Content>  
          <Timeline.Time>February 2022</Timeline.Time>  
          <Timeline.Title>Application UI code in Tailwind CSS</Timeline.Title>  
          <Timeline.Body>  
            Get access to over 20+ pages including a dashboard layout, charts, kanban board, calendar, and pre-order E-commerce & Marketing pages.  
          </Timeline.Body>  
        </Timeline.Content>  
      </Timeline.Item>  
    </Timeline>  
  );  
}
```

```

        </Timeline.Body>
        <Button color="gray">
            Learn More
            <HiArrowNarrowRight className="ml-2 h-3 w-3" />
        </Button>
    </Timeline.Content>
</Timeline.Item>
<Timeline.Item>
    <Timeline.Point />
    <Timeline.Content>
        <Timeline.Time>March 2022</Timeline.Time>
        <Timeline.Title>Marketing UI design in Figma</Timeline.Title>
        <Timeline.Body>
            All of the pages and components are first designed
            even as we update the project.
        </Timeline.Body>
    </Timeline.Content>
</Timeline.Item>
<Timeline.Item>
    <Timeline.Point />
    <Timeline.Content>
        <Timeline.Time>April 2022</Timeline.Time>
        <Timeline.Title>E-Commerce UI code in Tailwind CSS</Timeline.Title>
        <Timeline.Body>
            Get started with dozens of web components and interactive
            elements.
        </Timeline.Body>
    </Timeline.Content>
</Timeline.Item>
</Timeline>
);
}

```

Sidebar

- 사이드 메뉴를 만들어주는 사이드바



Dashboard



E-commerce



Products

Sales

Refunds

Shipping



Inbox



Users



Products



Sign In



Sign Up

```
'use client';
```

```

import { Sidebar } from 'flowbite-react';
import { HiArrowSmRight, HiChartPie, HiInbox, HiShoppingBag,

function Component() {
  return (
    <Sidebar aria-label="Sidebar with multi-level dropdown ex
    <Sidebar.Items>
      <Sidebar.ItemGroup>
        <Sidebar.Item href="#" icon={HiChartPie}>
          Dashboard
        </Sidebar.Item>
        <Sidebar.Collapse icon={HiShoppingBag} label="E-com
          <Sidebar.Item href="#">Products</Sidebar.Item>
          <Sidebar.Item href="#">Sales</Sidebar.Item>
          <Sidebar.Item href="#">Refunds</Sidebar.Item>
          <Sidebar.Item href="#">Shipping</Sidebar.Item>
        </Sidebar.Collapse>
        <Sidebar.Item href="#" icon={HiInbox}>
          Inbox
        </Sidebar.Item>
        <Sidebar.Item href="#" icon={HiUser}>
          Users
        </Sidebar.Item>
        <Sidebar.Item href="#" icon={HiShoppingBag}>
          Products
        </Sidebar.Item>
        <Sidebar.Item href="#" icon={HiArrowSmRight}>
          Sign In
        </Sidebar.Item>
        <Sidebar.Item href="#" icon={HiTable}>
          Sign Up
        </Sidebar.Item>
      </Sidebar.ItemGroup>
    </Sidebar.Items>
  </Sidebar>
);
}

```


More Detail...

- <https://www.flowbite-react.com/>

Flowbite React 다크모드 적용하기

- 컴포넌트를 <Flowbite>로 감싸기
 - 내부에 DarkThemToggle 컴포넌트를 삽입
 - DarkThemeToggle은 자동으로 현재 테마를 탐지해 현재 테마에 맞는 아이콘을 표시하고 사용자가 테마를 변경할 수 있도록 만들어줌
 - FlowBite에서 쓰는 컴포넌트들은 자동으로 해당 테마에 맞게 변경될 것임

```
export default function MyPage() {  
  
  return (  
    <FlowBite>  
      ...  
      <DarkThemToggle />  
      ...  
    </FlowBite>  
  )  
  
}
```