

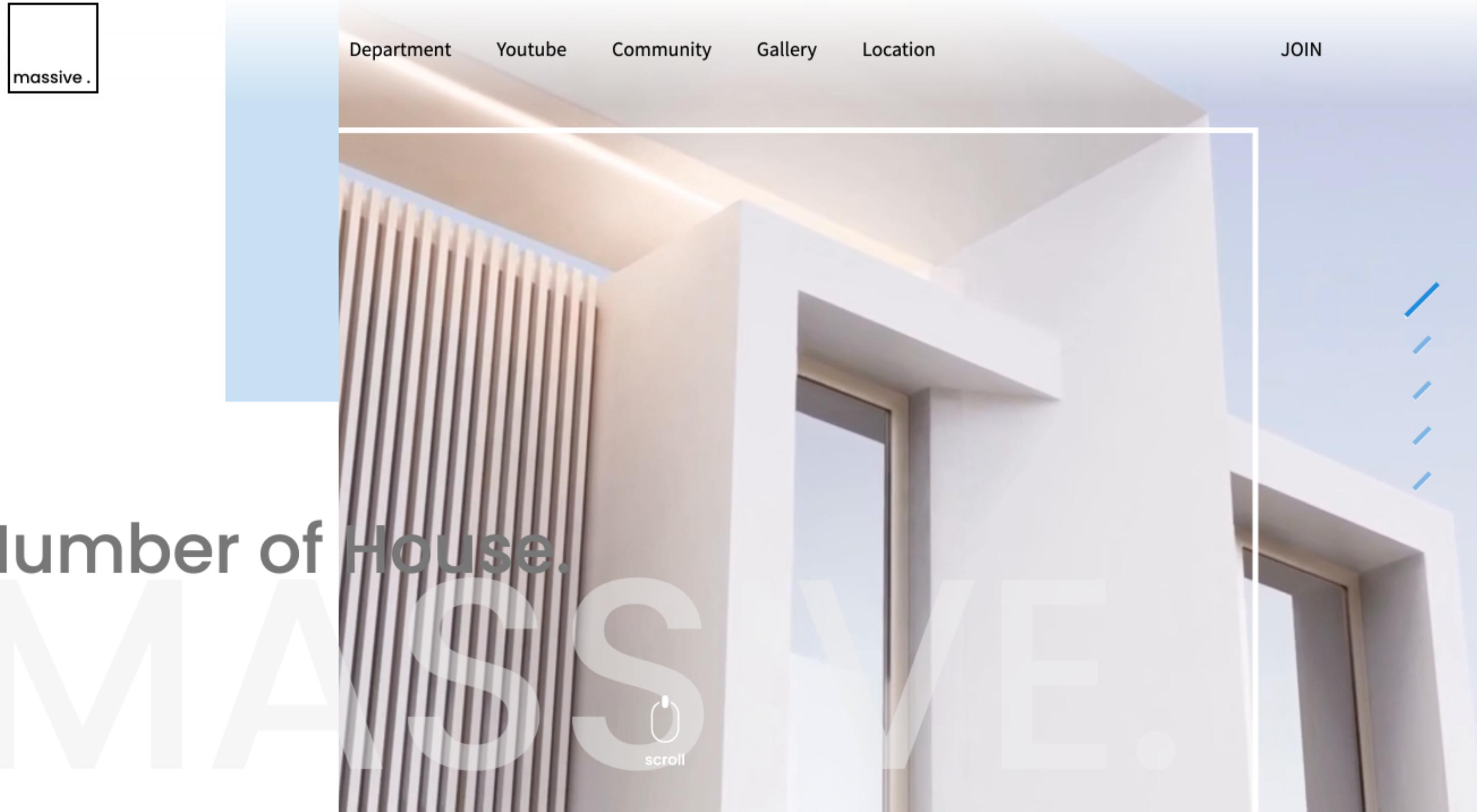
## #1. INFO .

NAME : MASSIVE.

URL : <https://eurako.github.io/massive/>

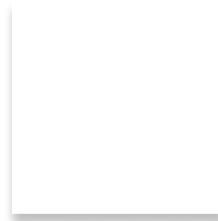
SPEC :    

RESPONSIVE : PC, TABLET, MOBILE

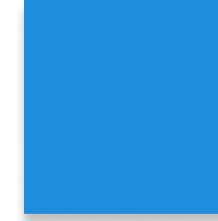


## #1\_1. CONCEPT

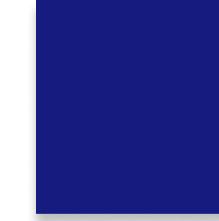
- 건축 concept으로 깨끗하고 각진 느낌을 살린 선과 면을 활용한 레이아웃을 구성



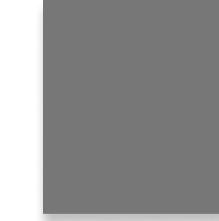
#FFFFFF



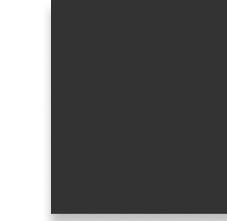
#1D8DDC



#161B7F



#777777



#333333

## #1\_2. STRUCTURE

- 중복되는 컨텐츠를 효율적으로 관리하기 위해 컴포넌트기반의 구조를 가지고 있는 React와 Sass를 활용하여 프로젝트를 구성

</> ROOT



node\_modules



public



환경변수를 사용하여 효율적인 작업을 위해 public 폴더 안에서 관리



최종 랜더링 결과 화면



src



ES6 문법 class 문으로 개발한 plugin 폴더



view 영역



react의 단점인 단방향 데이터를 보완하기 위한 redux saga 폴더



css 전처리기



초기 component



components를 조합하여 랜더링하는 파일



package.json

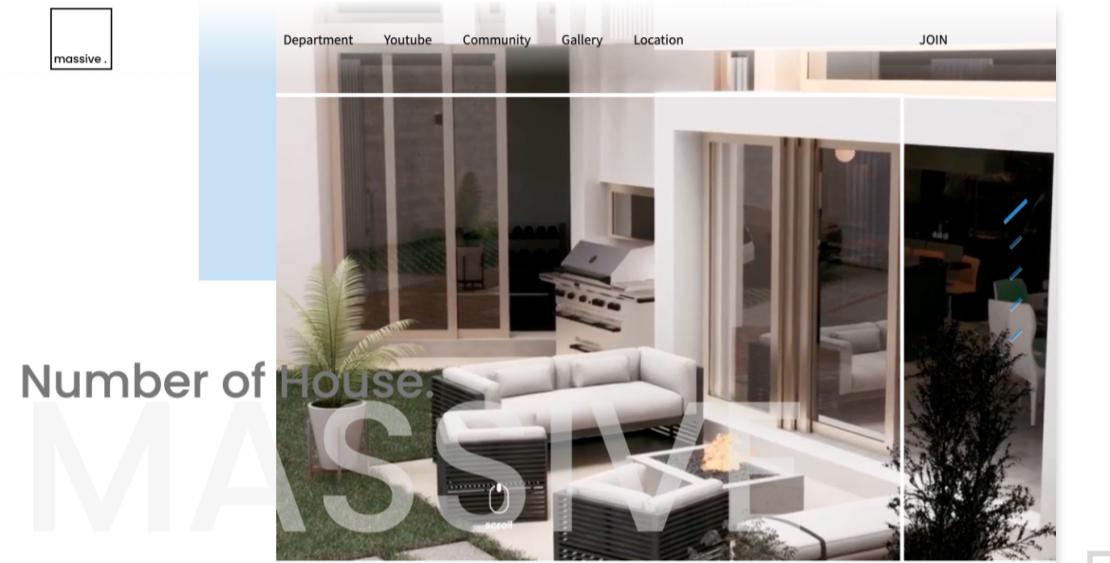
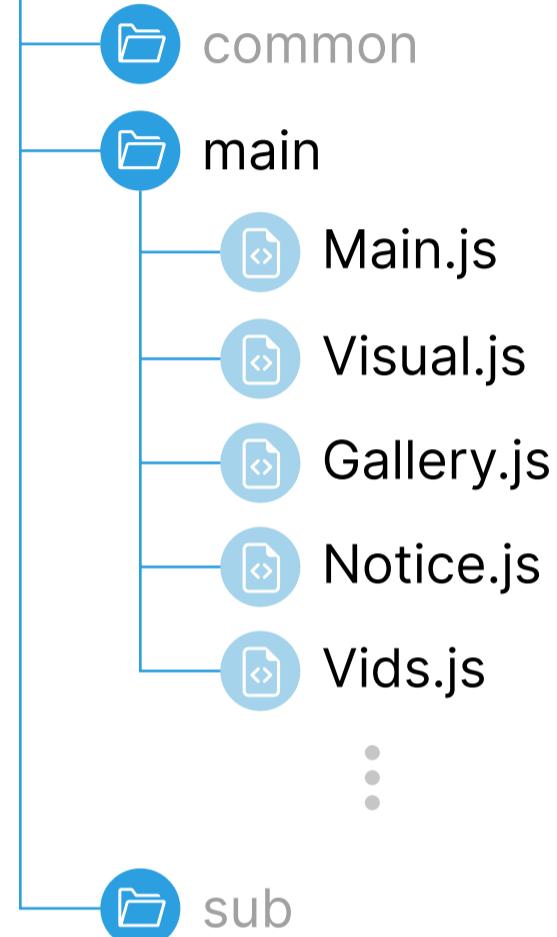


.gitignore

# #1\_3. MAIN STRUCTURE

- section별로 컴포넌트를 분리하여 코드의 가독성을 높이고 유지보수에 유리
- 스크롤애니메이션을 처리하기 위해 Main.js 컴포넌트화

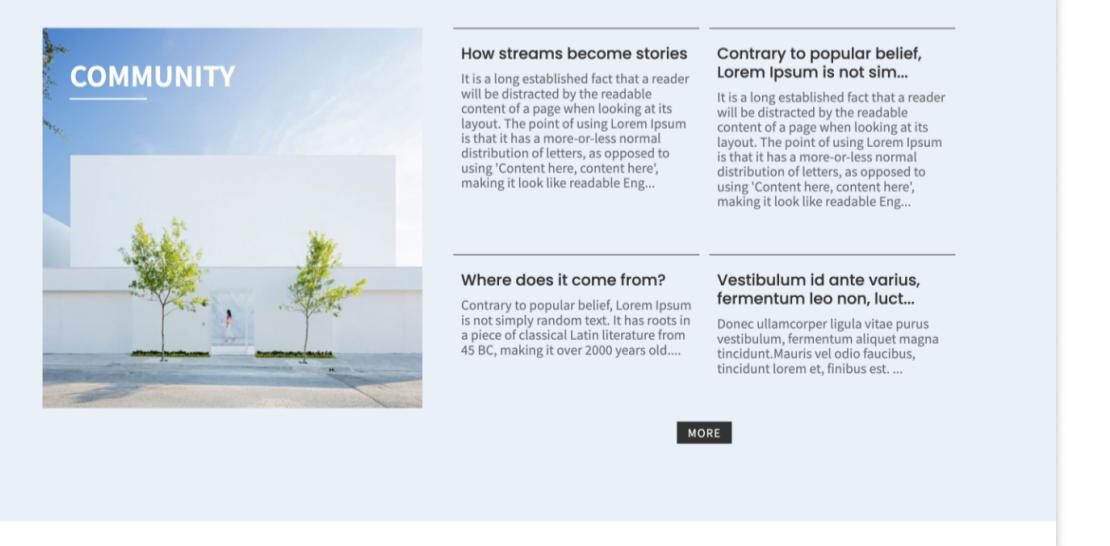
## src/components



Number of House.  
**MASSIVE**



**GALLERY**



# GALLERY

**COMMUNITY**

**How streams become stories**  
Contrary to popular belief, Lorem Ipsum is not simply random text. It has roots in a piece of classical Latin literature from 45 BC, making it over 2000 years old....

**Contrary to popular belief, Lorem Ipsum is not sim...**  
It is a long established fact that a reader will be distracted by the readable content of a page when looking at its layout. The point of using Lorem Ipsum is that it has a more-or-less normal distribution of letters, as opposed to using 'Content here, content here', making it look like readable Eng...

**Where does it come from?**  
Contrary to popular belief, Lorem Ipsum is not simply random text. It has roots in a piece of classical Latin literature from 45 BC, making it over 2000 years old....

**Vestibulum id ante varius, fermentum leo non, luct...**  
Donec ullamcorper ligula vitae purus vestibulum, fermentum aliquet magna tincidunt. Mauris vel odio faucibus, tincidunt lorem et, finibus est ...

**Our Videos**

There are many variations of passages of Lorem Ipsum available, words which don't look even slightly believable.

AGC glass for sustainable buildings

**Ours story**

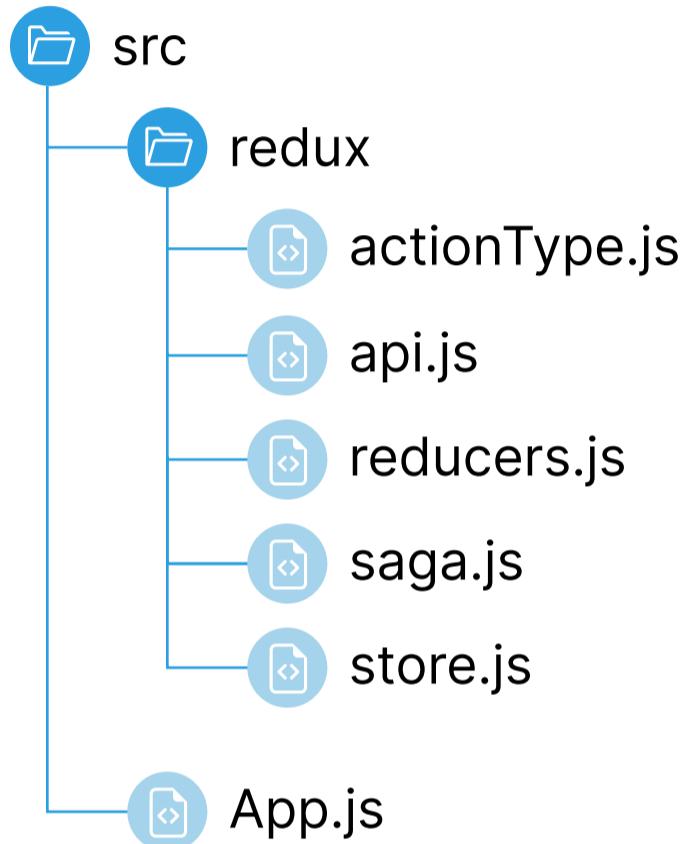
We set up teams to shape your identity, push your idea & manage the work-flow from pre- to post production.

Copyright © 2022, massive. All rights reserved.

Department Youtube Community Gallery Location

# #1\_4 STATE MANAGEMENT TOOLS

- 중복으로 사용되는 데이터를 redux와 redux-saga를 적용하여 데이터를 외부에서 관리
- dispatch Hook**을 사용하여 최상단 컴포넌트인 App.js에서 데이터 불러오기

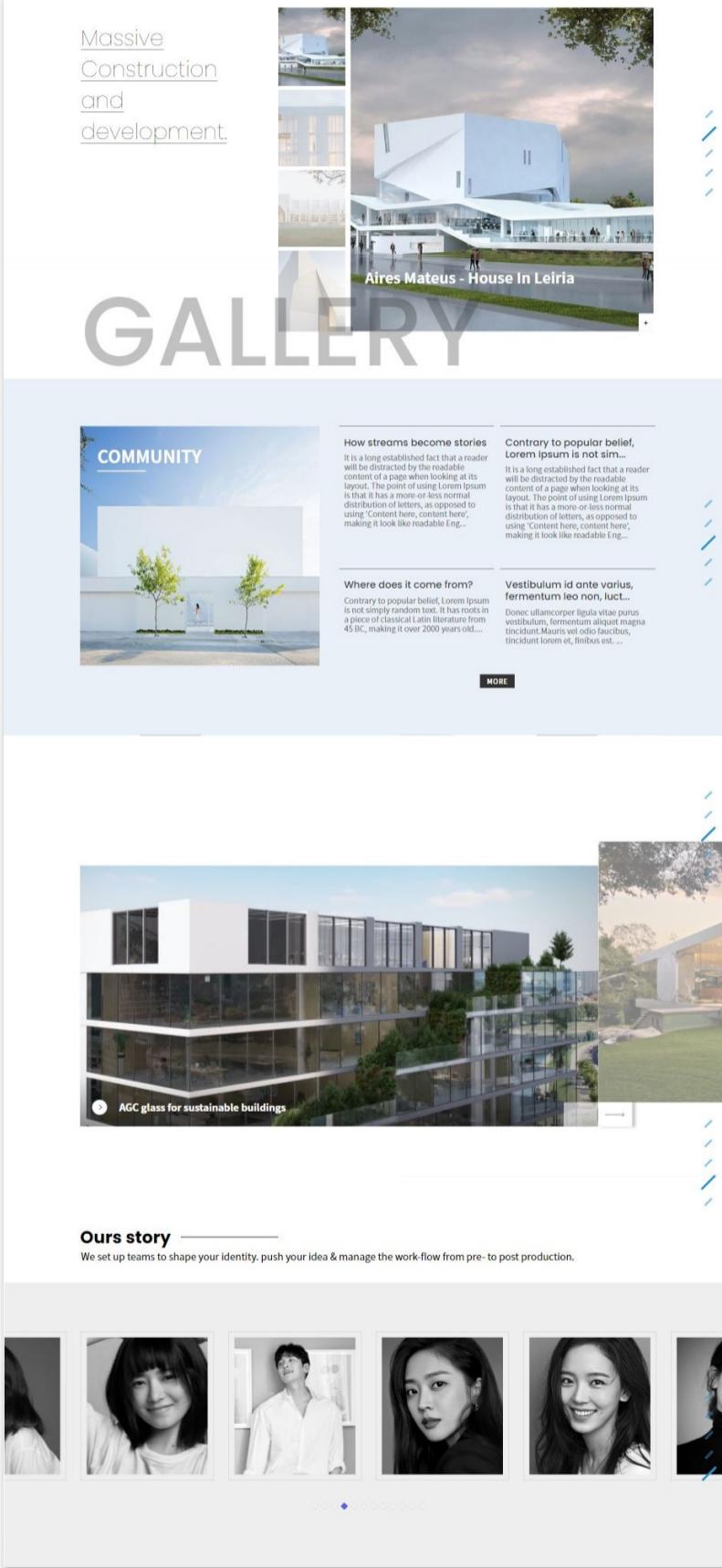


```

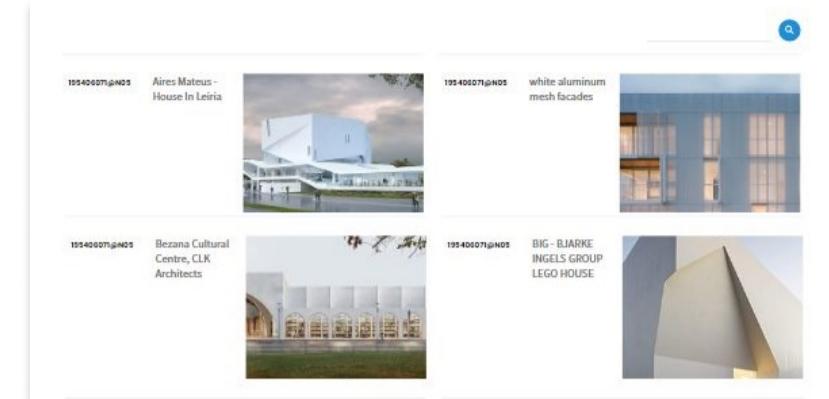
<code>
import * as types from './redux/actionType';

useEffect(() => {
  dispatch({ type: types.MEMBERS.start });
  dispatch({ type: types.YOUTUBE.start });
  dispatch({
    type: types.GALLERY.start,
    opt: { type: 'user', count: 20 },
  });
}, []);
</code>
  
```

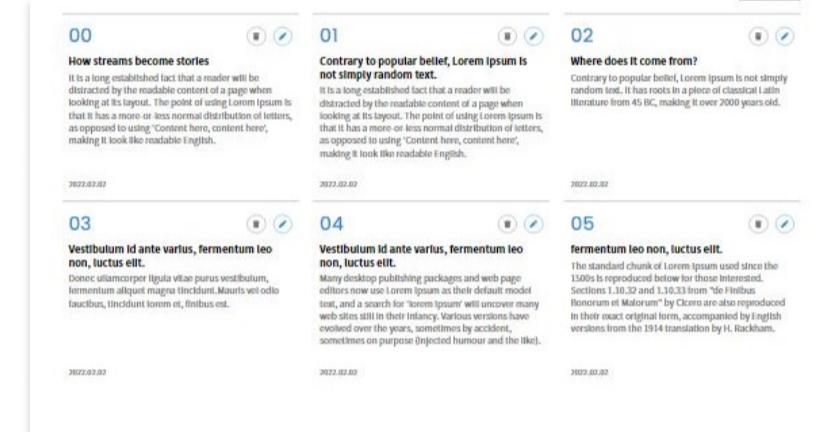
Main.js



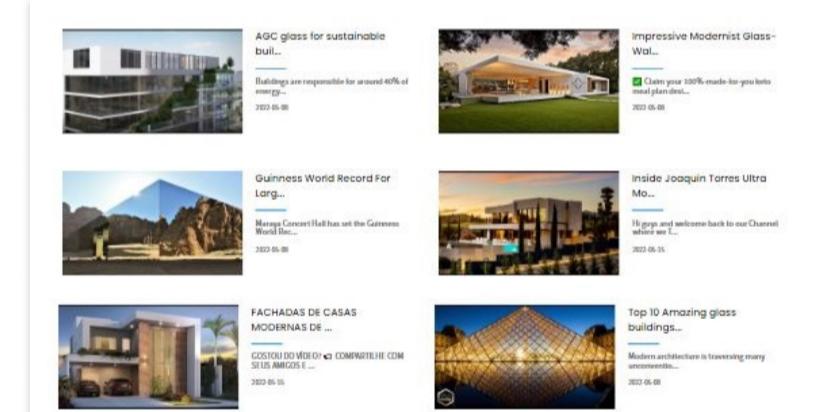
Gallery.js



Community.js



Youtube.js

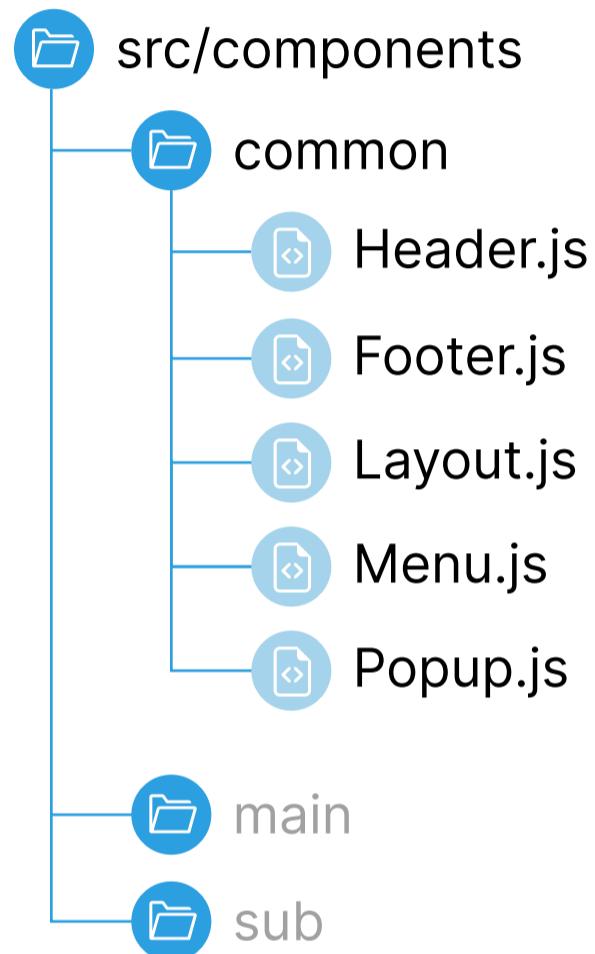


Department.js



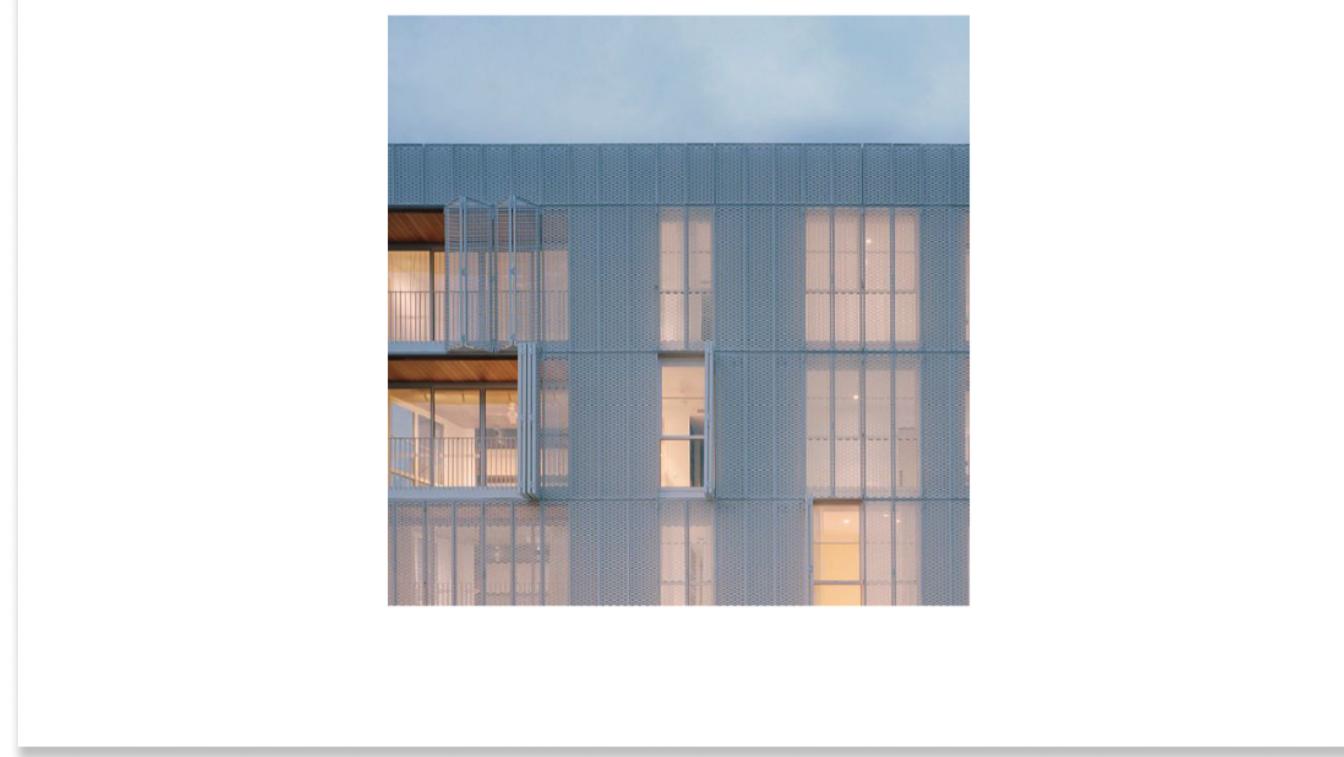
## #1\_5. COMMON STRUCTURE

- **forwardRef, useImperativeHandle** Hook을 사용하여 하나의 레이아웃에 부모 컴포넌트에서 핸들링 가능.
- props를 사용하여 페이지마다 다른 스타일 적용



```

const Popup = forwardRef((props, ref) => {
  const [open, setOpen] = useState(false);
  useImperativeHandle(ref, () => {
    return {
      open: () => setOpen(true),
      close: () => setOpen(false),
    };
  });
}
  
```



**JUST HOW IMPORTANT MEETING IS FOR YOUR Office.**

**comments**

**00**

**How streams become stories**

It is a long established fact that a reader will be distracted by the readable content of a page when looking at its layout. The point of using Lorem Ipsum is that it has a more-or-less normal distribution of letters, as opposed to using 'Content here, content here', making it look like readable English.

**Contrary to popular belief, Lorem Ipsum is not simply random text.**

It is a long established fact that a reader will be distracted by the readable content of a page when looking at its layout. The point of using Lorem Ipsum is that it has a more-or-less normal distribution of letters, as opposed to using 'Content here, content here', making it look like readable English.

**Where does it come from?**

Contrary to popular belief, Lorem Ipsum is not simply random text. It has roots in a piece of classical Latin literature from 45 BC, making it over 2000 years old.

## #1\_6. FLICKR

- 이미지 공유 플러그인 FLICKR의 여러가지 메서드를 사용해 이미지 관리 및 검색 기능 구현

```
export const fetchGallery = async (opt) => {
  const key = '고유키 발급';
  const num = opt.count;
  const method_interest = 'flickr.interestingness.getList';
  const method_search = 'flickr.photos.search';
  const method_user = 'flickr.people.getPhotos';
  let url = "";

  if (opt.type === 'search') {
    url = `https://www.flickr.com/services/rest/?method=${method_search}&per_page=${num}&api_key=${key}&nojsoncallback=1&format=json&tags=${opt.tag}`;
  }
  if (opt.type === 'user') {
    url = `https://www.flickr.com/services/rest/?method=${method_user}&per_page=${num}&api_key=${key}&nojsoncallback=1&format=json&user_id=${opt.user}`;
  }

  return await axios.get(url);
};
```



## #1\_7. LOADING

- 큰 이미지와 비디오등 늦게 로드되는데 시간이 걸리는 이미지가 모두 로딩되기전에 로딩 처리
- 리액트가 로드되기 초기단계에서 작업해야하므로 index.html에 직접 코드 작성
- **new Promise()**인스턴스를 사용하여 해당 요소가 로드됐는지 판단후 **Promise.all()** 객체를 사용해 모두 Promise가 순회 후 로딩이미지 삭제
- 로고를 svg로 제작하여 테두리에 animation을 효과를 줌



```
<code>
Promise.all([loadVid(), loadImg()]).then((result) => {
  if (result) {
    mask.classList.add('off');
    setTimeout(() => {
      mask.remove();
      defaults.remove();
    }, 2000);
  }
});

function createDOM() {
  vids.forEach(src => {
    tags += `<video src=${src}></video>`;
  })
  defaults.innerHTML = tags;
}

function loadVid() {
  return new Promise((res, rej) => {
    const vidDOM = defaults.querySelectorAll('video');
    let countVid = 0;

    vidDOM.forEach((vid) => {
      vid.onloadeddata = () => {
        countVid++;
        if (countVid === lenVid) {
          res(true);
        }
      }
    })
  })
}
</code>
```