Documentation

Front End Web

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# My Aim

Separate UI components and logic components.

* **Logic** => customHooks, with name with useComponent
* **UI** => JSX elements only, with name with Component

Use BEM for CSS naming.

Apply Atomic UI design. Splitting components into smaller components for reusability.

# Techs

* ReactJS
* HTML
* CSS
* Javascript

# Tools

* VSCode

# Tasks Main

* Trending Widgets - Add/updated. Using dummy response.
* Swap Post updated to CreatePosts.

# Tasks Others

* Post Components rearranged elements.
* Post options now hiding when clicked outside.
* Added .env to store sensitive information like credentials.
* When initialize web app environment is automatically check. If production, server hosted in digitalocean will be used for backend. If development, server in localhost will be used for backend.

## Trending Widgets

Added Trending Widgets to fetch trending news via API ([newsapi.org](https://newsapi.org/)). Currently using free account. Free accounts are not allowed to use in production or if the request is done from a browser. So, for now data is a dummy response.

### Components

TrendingWidget

TrendingWidgetItem

#### TrendingWidget

The container for the trending widgets item.

##### Issue(s)

1. Find an alternative API to fetch news from browser using free account.
2. Needs some Refactoring.

##### Screenshot(s)

|  |  |
| --- | --- |
| A picture containing letter  Description automatically generated |  |

##### Parameters

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| pageSize | number, default is 3 | How many news items to display per page. |
| isAutoPlay | boolean, default is true | If true, TrendingWidget will automatically navigate to next page every **autoPlayInterval**.  If false, you have to manually navigate with the nav buttons to check next page. |
| autoPlayInterval | Number, default is 10000ms | Milliseconds before navigating to next page if **isAutoPlay** is true. |
| isDummyData | boolean, default is true | If true, the response are not real.  If false, the response will be from [newsapi.org](https://newsapi.org/). |

##### Source code



##### CSS



#### TrendingWidgetItem

The container for the trending widgets item.

##### Issue(s)

1. None.

##### Screenshot(s)

|  |  |
| --- | --- |
| **State**: Loaded | **State**: Loading |

##### Parameters

|  |  |  |
| --- | --- | --- |
| Name | Type | Description |
| Id | Number | Just an array index number |
| url | String | The redirect url when a user clicked the trending item. |
| urlImage | String | The url for the image source to be displayed. |
| title | String | The article’s title. |
| Description | String | The article’s short description |
| sourceName | String | The article’s source name. |
| Loading | Boolean, default is false | If true it will display a loading UI. |

##### Source code



##### CSS



## CreatePost

Added Trending Widgets to fetch trending news via API ([newsapi.org](https://newsapi.org/)). Currently using free account. Free accounts are not allowed to use in production or if the request is done from a browser. So, for now data is a dummy response.

### Components

CreatePost

CreatePostFieldText

CreatePostSelectPrivacy

CreatePostUserAvatar

CreatePostUserName

CreatePostBodyOptions

CreatePostImages

FileSelect

### Custom Hooks

useFileSelect

useCreatePost

#### CreatePost

The main components for CreatePost. This will be used for normal and swap posts.

##### Issue(s)

1. CSS styling need to be more updated.
2. Displaying as child element.

##### Screenshot(s)

|  |
| --- |
|  |

##### Parameters

|  |  |  |
| --- | --- | --- |
| Name | Type | Description |
| title | String | Title to display in form. |
| type | String, Swap or Normal. | If Swap post will be posted as swap.  If Normal post will be posted as normal post. |

##### Source code



##### CSS



## CreatePostFieldText

Description

##### Issue(s)

* Add

##### Parameters

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| Type name | Type type | Type description |

##### Source code



##### CSS



## CreatePostSelectPrivacy

Description

##### Issue(s)

* Add

##### Parameters

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| Type name | Type type | Type description |

##### Source code



##### CSS



## CreatePostUserAvatar

Description

##### Issue(s)

* Add

##### Parameters

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| Type name | Type type | Type description |

##### Source code



##### CSS



## CreatePostUserName

Description

##### Issue(s)

* Add

##### Parameters

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| Type name | Type type | Type description |

##### Source code



##### CSS



## CreatePostBodyOptions

Description

##### Issue(s)

* Add

##### Parameters

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| Type name | Type type | Type description |

##### Source code



##### CSS



## CreatePostImages

Description

##### Issue(s)

* Add

##### Parameters

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| Type name | Type type | Type description |

##### Source code



##### CSS



## FileSelect

Description

##### Issue(s)

* Add

##### Parameters

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| Type name | Type type | Type description |

##### Source code



##### CSS



## useFileSelect

Description

##### Issue(s)

* Add

##### Parameters

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| Type name | Type type | Type description |

##### Source code



## useCreatePost

Description

#### ComponentName

##### Issue(s)

##### Parameters

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| Type name | Type type | Type description |

##### Source code

