

I defined the following inside the FeatureNews.tsx file:-

```
import * as React from 'react';
import { SPHttpClient, SPHttpClientResponse } from '@microsoft/sp-http';

import styles from './FeatureNews.module.scss';
import { IFeatureNewsProps } from './IFeatureNewsProps';
import SingleNews from './SingleNews/SingleNews';
import { IFeatureNewsState } from './IFeatureNewsState';

export default class FeatureNews extends React.Component<
  IFeatureNewsProps,
  IFeatureNewsState
> {
  private client: SPHttpClient = this.props.context.spHttpClient;
  private featuredNews = [];
  private orderedFeaturedNews = [];

  constructor(props: IFeatureNewsProps) {
    super(props);
    this.state = {
      news: [],
    };
  }

  public componentDidMount() {
    this.getMessagesFromList();
  }

  private getMessagesFromList() {
```

```
let url =
`${this.props.context.pageContext.web.absoluteUrl}/_api/lists/getbytitle('News')/items`;
```

```
FeatureNews.getSPData(this.client, url).then(data => {
  const sortNewsByDate = data.value.sort((a, b) =>
    a.date < b.date ? 1 : b.date < a.date ? -1 : 0
  );
  this.setState({
    news: sortNewsByDate,
  });
});
}
```

```
private static async getSPData(
  client: SPHttpClient,
  url: string
): Promise<any> {
  let resp: SPHttpClientResponse = await client.get(
    url,
    SPHttpClient.configurations.v1
  );
  return resp.json();
}
```

```
private getFeaturedNews() {
  this.state.news.map(news => {
    if (news.Featured) {
      this.featuredNews.push(news);
    }
  });
}
```

```

const a = this.featuredNews.filter(featuredNews => {
  //console.log('featuredNews', featuredNews.Featured === 'Feature News');
  return featuredNews.Featured;
});

console.log('a', a);
a.map(b => {
  if (b === 'Feature News') {
    this.orderedFeaturedNews.splice(1, 0, b);
  } else if (b === 'Corporate News') {
    this.orderedFeaturedNews.splice(2, 0, b);
  } else {
    this.orderedFeaturedNews.splice(3, 0, b);
  }
});
console.log('ord', this.orderedFeaturedNews);
}

```

```

public render(): React.ReactElement<IFeatureNewsProps> {
  this.getFeaturedNews();

  return (
    <div className={styles.featureNews}>
      <SingleNews
        recentNews={this.state.news}
        featuredNews={this.orderedFeaturedNews}
        featured={true}
      />
    </div>
  );
}

```

```
}
```

AND the following inside the `singlenews.tsx` file:-

```
import * as React from 'react';
import { Icon } from 'office-ui-fabric-react/lib/Icon';

import styles from './SingleNews.module.scss';
import { ISingleNewsProps } from './ISingleNewsProps';

export interface INews {
  recentNews: ISingleNewsProps[];
  featuredNews?: ISingleNewsProps[];
  featured: boolean;
}

export default class SingleNews extends React.Component<INews, {}> {
  public render(): React.ReactElement<INews> {
    return (
      <>
        {!this.props.featured
          ? this.props.recentNews.map(post => (
              <a
                className={styles.singleNews}
                href={post.link}
                key={post.Title}
              >
                <div
                  className={styles.singleNews__image}
                  style={{ backgroundImage: `url(${post.image})` }}
                />
            )
          )
        }
      </>
    );
  }
}
```

```
<div className={styles.singleNews__content}>
  <div className={styles.singleNews__content__info}>
    <h2 className={styles.singleNews__content__info__title}>
      {post.Title}
    </h2>
  </div>
  <div className={styles.singleNews__content__info}>
    <span className={styles.singleNews__content__info__date}>
      {post.date}
    </span>

    {post.likes ? (
      <div
        className={styles.singleNews__content__info__reactions}
      >
        <span
          className={
            styles.singleNews__content__info__reactions__likes
          }
        >
          <Icon iconName='Like' />
          {post.likes}
        </span>
        <span>
          <Icon iconName='ActionCenter' />
          {post.comments}
        </span>
      </div>
    ) : null}
  </div>
</div>
```

```
    </a>
  ))
: this.props.featuredNews.map((featuredNews, i) =>
  i >= 0 && i <= 1
  ? (
    <>
      <a
        className={styles.singleNews + ' ' + styles.featured}
        href={featuredNews.link}
        key={featuredNews.Title}
      >
        <div
          className={
            styles.singleNews__image + ' ' + styles.featured
          }
          style={{
            backgroundImage: `url(${featuredNews.image})`,
          }}
        />
        <div
          className={
            styles.singleNews__content + ' ' + styles.featured
          }
        >
          <div className={styles.singleNews__content__info}>
            <span
              className={
                styles.singleNews__content__info__label
              }
            >
              {featuredNews.label}
```

```
</span>
<span
  className={styles.singleNews__content__info__date}
>
  {featuredNews.date}
</span>
</div>
<div className={styles.singleNews__content__info}>
  <h2
    className={
      styles.singleNews__content__info__title__featured
    }
  >
    {featuredNews.Title}
  </h2>

  {featuredNews.likes ? (
    <div
      className={
        styles.singleNews__content__info__reactions
      }
    >
      <span
        className={
          styles.singleNews__content__info__reactions__likes
        }
      >
        <Icon iconName='Like' />
        {featuredNews.likes}
      </span>
    <span
```

```

        className={
styles.singleNews__content__info__reactions__comments
        }
      >
        <Icon iconName='ActionCenter' />
        {featuredNews.comments}
      </span>
    </div>
  ): null}
</div>
</div>
</a>
</>
) && (
<div className={styles.singleNews + ' ' + styles.secondary}>
  {this.props.featuredNews.map((post, i) =>
    i >= 1 && i <= 2 ? (
      <a
        className={styles.singleNews}
        href={post.link}
        key={i}
      >
        <div
          className={styles.singleNews__image}
          style={{
            backgroundImage: `url(${post.image})`,
          }}
        />
        <div className={styles.singleNews__content}>
          <div className={styles.singleNews__content__info}>

```



```
<span
  className={
    styles.singleNews__content__info__label
  }
>
  {featuredNews.label}
</span>
<span
  className={
    styles.singleNews__content__info__date
  }
>
  {post.date}
</span>
</div>
<div className={styles.singleNews__content__info}>
  <h2
    className={
      styles.singleNews__content__info__title
    }
  >
    {post.Title}
  </h2>

  {post.likes ? (
    <div
      className={
        styles.singleNews__content__info__reactions
      }
    >
      <span
```

```

        className={
            styles.singleNews__content__info__reactions__likes
        }
    >
        <Icon iconName='Like' />
        {post.likes}
    </span>
    <span
        className={
styles.singleNews__content__info__reactions__comments
        }
    >
        <Icon iconName='ActionCenter' />
        {post.comments}
    </span>
    </div>
    ): null}
    </div>
    </div>
    </a>
    ): null
    )}
    </div>
    )
    : null
    )}
</>
);
}
}

```