STELEYE LIMITED

Frontend Engineer Assignment

Q.2

What problems / warnings are there with code?

There are a few errors in the code:

1. In the WrappedSingleListItem component, the onClickHandler prop is being called immediately when the component is rendered. Instead, you should pass a function that calls onClickHandler with the index as an argument.

Change code from this:
onClick={onClickHandler(index)}
To this:
onClick={() => onClickHandler(index)}

2. In the WrappedListComponent component, there is an error in the useState hook. The setSelectedIndex function should be the first element returned by the hook,
const [selectedIndex, setSelectedIndex] = useState();

3. In the propTypes definition for WrappedListComponent, the array and shapeOf propTypes should be written with a capital A and S, respectively.

Change this:
items: PropTypes.array(PropTypes.shapeOf({
To this:
items: PropTypes.arrayOf(PropTypes.shape({

4. The items prop in WrappedListComponent has a default value of null. This can cause problems if the component assumes that items will always be an array. You should change the default value to an empty array, like this:

WrappedListComponent.defaultProps = {
items: [],
};