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import React, { useState, useRef } from 'react';
import {
  DashboardOutlined,
  AppstoreOutlined,
  AntDesignOutlined,
  FileTextOutlined,
  SearchOutlined
} from '@ant-design/icons';
import { Link } from "react-router-dom";
import { AutoComplete, Input } from 'antd';
import IntlMessage from 'components/util-components/IntlMessage';
import navigationConfig from "configs/NavigationConfig";

function getOptionList (navigationTree, optionTree) {
  optionTree = optionTree ? optionTree : [];
  for ( const navItem of navigationTree ) {
    if(navItem.submenu.length === 0) {
      optionTree.push(navItem)
    }
    if(navItem.submenu.length > 0) {
      getOptionList(navItem.submenu, optionTree);
    }
  }
  return optionTree
}

const optionList = getOptionList(navigationConfig)

const getCategoryIcon = category => {
  switch (category) {
    case 'dashboards':
      return <DashboardOutlined className="text-success"/>;
    case 'apps':
      return <AppstoreOutlined className="text-danger"/>;
    case 'components':
      return <AntDesignOutlined className="text-primary"/>;
    case 'extra':
      return <FileTextOutlined className="text-warning"/>;
    default:
      return null;
  }
}

const searchResult = () => optionList.map((item) => {
  const category = item.key.split('-')[0]
  return {
    value: item.path,
    label: (
      <Link to={item.path}>
        <div className="search-list-item">
          <div className="icon">
            {getCategoryIcon(category)}
          </div>
          <div>
            <div className="font-weight-semibold"><IntlMessage id={item.title} /></div>
            <div className="font-size-sm text-muted">{category}</div>
          </div>
        </div>
      </Link>
    ),
  };
});

const SearchInput = props => {
  const { active, close, isMobile, mode } = props
  const [value, setValue] = useState('');
  const [options, setOptions] = useState([])
  const inputRef = useRef(null);

  const onSelect = () => {
    setValue('')
    setOptions([])
    if(close) {
      close()
    }
  }

  const onSearch = searchText => {
    setValue(searchText)
  }

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        setOptions(!searchText ? [] : searchResult(searchText))
    };

    const autofocus = () => {
        inputRef.current.focus();
    }

    if(active) {
        autofocus()
    }

    return (
        <AutoComplete
            ref={inputRef}
            className={`nav-search-input ${isMobile? 'is-mobile' : ''} ${mode === 'light' ? 'light' : ''}`}
            popupClassName="nav-search-dropdown"
            options={options}
            onSelect={onSelect}
            onSearch={onSearch}
            value={value}
            filterOption={(inputValue, option) =>
                option.value.toUpperCase().indexOf(inputValue.toUpperCase()) !== -1
            }
        >
            <Input placeholder="Search..." prefix={<SearchOutlined className="mr-0" />} />
        </AutoComplete>
    )
}

export default SearchInput

```