Imports:

axios: A popular library for making HTTP requests.

useContext, useEffect, useState: React hooks for managing component state and lifecycle.

useNavigate: A hook from the react-router-dom library for navigation.

contextProvider: Presumably, this is a context provider that contains a method named showToast.

Hook Definition:

The hook is defined as a function named useGetAllAssignments.

Inside the function, it retrieves the showToast method and state variables (assData, loading, navigate) from the context.

HTTP Request using Axios:

Within the useEffect hook, an HTTP GET request is made to ${import.meta.env.VITE\_API\_V1\_URL}/assignment using the axios library.

The request includes an 'Authorization' header with the value of the 'auth\_token' stored in the local storage.

Handling Responses:

If the request is successful (res.data is available), it sets the state variable assData with the received data and sets loading to false.

If there's an error during the request, it uses the showToast method to display the error message.

If the error indicates that the user is not authenticated (notExist), it removes the 'auth\_token' from local storage and navigates to the '/sign-in' route.

Dependencies and Return:

The useEffect has dependencies of assData, showToast, and navigate, indicating that it should run whenever any of these values change.

The hook returns an array [assData, loading], allowing the consuming component to access the assignments data and loading state.

This hook essentially facilitates fetching assignments data from an API endpoint, handling authentication, and providing loading state feedback to the calling component.