**Exercise 25: Redux Thunk**

Objectives and Outcomes

Redux Thunk is a middleware for Redux that allows you to write action creators that return functions instead of plain action objects. This enables you to perform asynchronous operations, such as API calls, before dispatching the actual actions to update the Redux store.

Exercises

A shopping cart typically involves managing a list of products, adding products to the cart, updating quantities, and calculating the total cost.

The student can write the code based on the specific tasks using Redux architecture and ReduxThunk

1. Create the component **Cart** to render the information of Products (id, name, price, catalogs).

const product = {

id: '123456',

name: 'Example Product',

price: 9.99,

description: 'This is an example product.',

catalogs: ['catalog1', 'catalog2'],

};

1. Add a "Add to Cart" button for each product in the ProductList component
2. Display all selected product in Cart
3. Create the component **ProductForm** to add new product
4. Use the React Router to configure and set up navigation among two pages (ProductForm and Cart) in a Cart application
5. Create a beautiful interface using Bootstrap.

Conclusion

In conclusion, Redux Thunk is a middleware for Redux that allows you to write asynchronous action creators.