Redux saga is a library that aims to make applications side effects

We use REM Rest Api

It is just for prototyping… accepts json requests and returns json responses.

Watcherfunctions => this function will watch every time the get users actions is dispatched.

Generator function:

In context with saga we are not actually blocking the UI while waiting for function to run.

Hum function k enter or exit ko control kr rhy hein.

userApi.js:

Configuration object as an sexond argument

 params:{

        limit: 1000

    }

We have no control over the rest api that’s why we set limit

Call (effect) allows us to call a promise and call it sequentially

const result = yield call(api.getUsers)

jab getUsers resolve ho jyega to iska result is result variable ko assign hojyega

cycle:

app.js

sagas watcher (isme hoga function jo refer kr ra hoga) 🡪 worker saga(is wale function ko)

put🡪

getuserssuccess action ko dispatch krne k liye put effect use kriengy.

Take is lower level saga helper that simply return the action that was dispatched.

React:

* Library

Saga:

* Handle async data and Apis in redux.. like APIs data

Javascript don’t wait for data/results.. that’s why we use promises but in api calling we use saga.

Async await hard to apply in redux so we have a option of saga

Actions me inject kr dety hein saga.

Data apka action se ata hy.

Why generator function use in saga?

Jab hum async operation krty hein.. jab async operation khtm ho jyega uske bad ye apna result return krty hein.

Json server:

Ye apis bnany k kaam ata hy.(fake apis)

Process:

Saga wali file bnai productSaga jhn se Apis call kriengy or phr is file ko store me register bhi krna prta hy.

* Action wali file se saga wali file call ki jati hy.
* Result ko wps return kriengy action ko
* Result ko reducer me le k jiengy
* Component me phr get kr leingy.

How to call saga from action:

* Type ki madad se hum call kriengy saga ko.
* Jese hi action me koi function call hoga saga apne aap detect kr legi k

Konsa type call hua hy.or usko konsa function call krna hy kon c API call krni hy.