

Title: Online Resource data and offline / local manipulation management

Problem Statement:

Make a platform which displays data fetched from the mentioned API in a editable table format along with pagination. This interface should be also able to allow users to do edit and delete operation on the same data table.

Please note this editing and deleting operation should not impact the data source server but only effects the local database.

Also note that the data fetched form the local api should presented in to the UI using Redux instead of local state.

Data fetching from the source db/api should happen in the frequency of once in an hour.

Every time the local system receives a new set of data that should not impact the old data stored in the local db.

API END POINT: "http://13.234.186.232/get_data"

Submission method:

1. Screen Record the Entire Journey, first clip consisting of initial data and manipulation and other clips should show updated data after multiple iteration of api data fetch
2. Submit the entire code base in to your public github repo.

Example: API data pattern
provided api response initial

```
[[
  {
    listing_time: 1667236921
    product_id: "76c7086c-820b-4ad7-990a-3fa3b68a68ba"
    product_sku: 197
    product_price: 74.16
    sell_price: 25.7268
    stock_quantity: 18334
  }
]]
```

after 10 min api response is

```
[
  {
    listing_time: 1667236921
    product_id: "76c7086c-820b-4ad7-990a-3fa3b68a68ba"
    product_sku: 197
    product_price: 74.16
    sell_price: 25.7268
    stock_quantity: 18334
  },
  {

```

```

        listing_time: 1667236981
        product_id:      "0b899fe4-8f03-4e85-8d12-12c245e7c786"
        product_sku: 971
        product_price: 25.63
        sell_price:      71.8197
        stock_quantity: 55374
    }
]

```

Now user updates the value

```

[
    {
        listing_time: 1667236921
        product_id:      "76c7086c-820b-4ad7-990a-3fa3b68a68ba"
        product_sku: 197
        product_price: 90.16    // updated
        sell_price:      35.7268 // updated
        stock_quantity: 18334
    },
    {
        listing_time: 1667236981
        product_id:      "0b899fe4-8f03-4e85-8d12-12c245e7c786"
        product_sku: 971
        product_price: 25.63
        sell_price:      90.8197 // updated
        stock_quantity: 55374
    }
]

```

in the next 10 min, the provided api response

```

[
    {
        listing_time: 1667236921
        product_id:      "76c7086c-820b-4ad7-990a-3fa3b68a68ba"
        product_sku: 197
        product_price: 74.16
        sell_price:      25.7268
        stock_quantity: 18334
    },
    {
        listing_time: 1667236981
        product_id:      "0b899fe4-8f03-4e85-8d12-12c245e7c786"
        product_sku: 971
        product_price: 25.63
        sell_price:      71.8197
        stock_quantity: 55374
    },
    {
        listing_time: 1667237101
        product_id:      "28efe6b8-3796-43e2-b697-f83040329acd"
        product_sku: 545
        product_price: 92.61
        sell_price:      111.418
        stock_quantity: 53689
    }
]

```

```
    }  
  ]
```

but when the user fetches data from react they should receive

```
[  
  {  
    listing_time: 1667236921  
    product_id:      "76c7086c-820b-4ad7-990a-3fa3b68a68ba"  
    product_sku: 197  
    product_price: 90.16    // updated by the user last time  
    sell_price:      35.7268 // updated by the user last time  
    stock_quantity: 18334  
  },  
  {  
    listing_time: 1667236981  
    product_id:      "0b899fe4-8f03-4e85-8d12-12c245e7c786"  
    product_sku: 971  
    product_price: 25.63  
    sell_price:      90.8197 // updated by the user last time  
    stock_quantity: 55374  
  },  
  {  
    listing_time: 1667237101  
    product_id:      "28efe6b8-3796-43e2-b697-f83040329acd"  
    product_sku: 545  
    product_price: 92.61  
    sell_price:      111.418  
    stock_quantity: 53689  
  }  
]
```