

Study manager - Bug #622

incorrect implementation of reducer

07.05.2018 13:00 - Miroslav Blaško

Status:	Closed	Start date:	07.05.2018
Priority:	High	Due date:	
Assignee:	Tomáš Klíma	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour

Description

I believe that RecordReducer is not correctly implemented as it modifies state instead of creating new one. This might cause various hard to debug problems (e.g. when trying to debug issues with use of time traveling). No tests failed so it might be good idea to add test failing for breaking such contract.

Please, revise other similar occurrences of such mistake.

Relevant code within RecordReducer:

```
case ActionConstants.DELETE_RECORD_PENDING:
  state.recordsDeleting.push(action.key);
  return {
    ...state,
    recordDeleted: {
      status: ACTION_STATUS.PENDING,
      key: action.key
    },
  };
```

state.recordsDeleting.push(action.key) call modifies the state.

History

#1 - 07.05.2018 13:02 - Miroslav Blaško

- Description updated

#2 - 07.05.2018 13:02 - Miroslav Blaško

- Description updated

#3 - 07.05.2018 13:07 - Miroslav Blaško

Within redux tutorials i believe that i saw a library to test that the state of an object does not change (w.r.t. to deep structure of the object) during execution of tests.

#4 - 07.05.2018 13:08 - Miroslav Blaško

-- something like expectImmutable(obj)

#5 - 08.05.2018 22:31 - Tomáš Klíma

- Status changed from New to Resolved

#6 - 12.06.2020 18:46 - Miroslav Blaško

- Status changed from Resolved to Closed