# Task 8. Solution:

1. Let fix filter on the grid:

We need to update Filter case in the reducer to support the new state shape

**Reducers/index.js:**

**case** FILTER:  
 **let** filteredOutIds = state.**records**.filter(  
 (record) =>  
 !record.**firstName**.toUpperCase().includes(  
 action.value.toUpperCase()))  
 .map(record => record.id);  
 **return** Object.assign({}, state,  
 {**filtered**: filteredOutIds});

**Components/grid.js:**

**let** recordsToShow = **this**.**props**.**records**.filter((record)=>{  
 **return this**.**props**.**filtered**.indexOf(record.id)==-1;  
});

**let** records = recordsToShow.map(  
 (record,index)=><**GridRecord record=**{record} **key=**{index}

**toggleActive=**{**this**.toggleActive.bind(**this**, record.id)}/>);

Note that we are passing **record.id** instead of **index** to **toggleActive()**.

1. Filter works, now lets fix Toggle Active:

**case** TOGGLE\_ACTIVE:  
 **let** newRecords = [...state.**records**];  
 **let** id = action.value;  
 **let** record = newRecords.find(record=>record.id==id);  
 record.**active** = !record.**active**;  
 **return** Object.assign({}, state,  
 {**records**: newRecords});