# 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** filteredRecordsInd = state.records.reduce((result, record)=> {  
 **return** record.firstName.toUpperCase().includes(action.value.toUpperCase()) || result.push(record.id), result;  
 },[]);  
 **return** Object.assign({}, state, {filtered:filteredRecordsInd});  
 }

grid.js

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

<tbody>  
{recordsToShow.map((record, index)=>{  
 **return** <GridRecord record={record} key={index} toggleActive={**this**.toggleActive.bind(**this**, index)}/>  
})}  
</tbody>

1. Filter works, now lets fix Toggle Active:

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