

ZREACTJS PROJECT DEVELOPMENT

Objectives:

- Extensive use of RTK & RTK .
- Best
- A modular approach to scalability
- Phases
- React Apps.,

Project: Contentify

A

Web application that has the following modules —

- Topics manager
- Writer manager
- Library manager
- Schedule manager
- Advanced App Settings
 - SPh
 - Social Media Integration
 - WordPress Integration

Project Spec:

☐ **Level 1: Core Functionality**

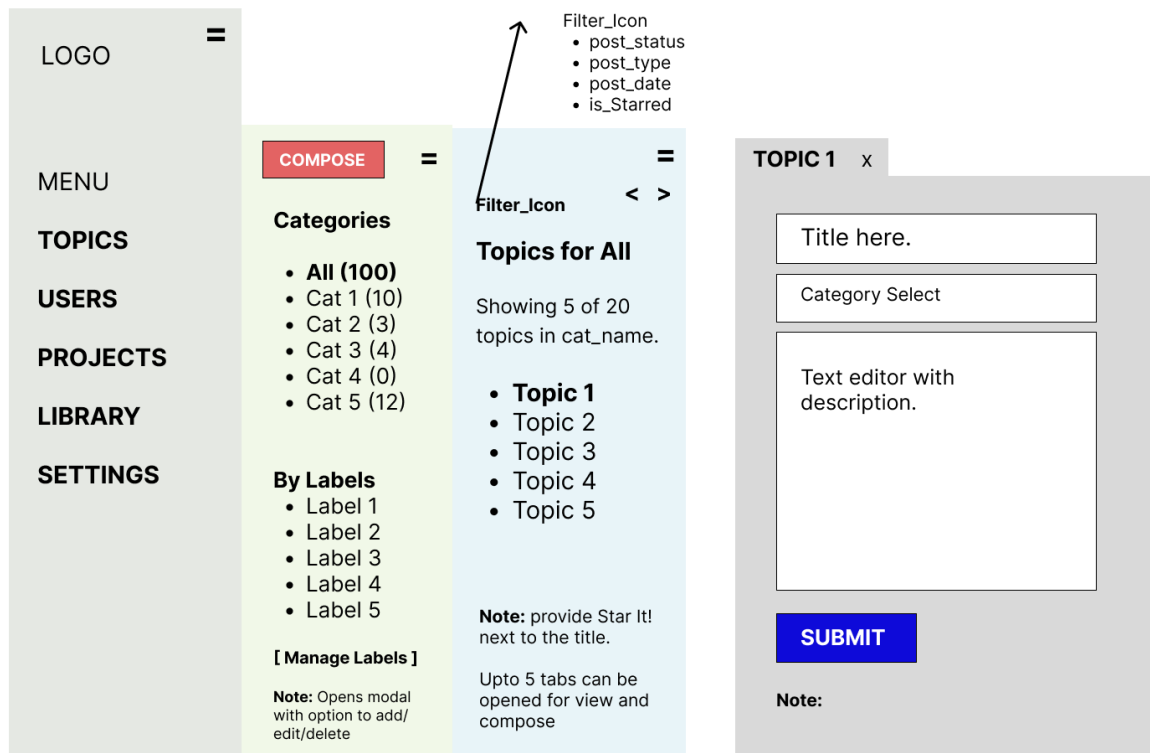
Expected Learning outcome after completing Level 1:

using RTK & RTK query, how to fetch data from the server, manipulate data, multiple filters, interact with various components i.e., passing data between parent/child and trigger dynamic modals, tabs, tables and frequent functions

like typeahead, sortable, inline editable, CRUD, tree, text editor, form validation, file uploading, import/export csv, toastify, page loader icon, etc.

- ☐ 3-column layout
- ☐ REST API
- ☐ Listing components — table, list, and grid.
- ☐ Get the list of items with pagination, category filter and post attributes filter.
- ☐ Add/edit/delete with dynamic modals and tabs.
- ☐ Inline Editable, Sortable, Autocomplete
- ☐ Upload image, files
- ☐ **Level 2: enhancements**
 - ☐ Schedule Manager - cron
 - ☐ User authentication
 - ☐ Advanced roles & permissions
 - ☐ Integrate with WordPress and fetch data and update data.
 - ☐ Integrate with Social media for auto-posting.
- ☐ **Level 3: complex functionalities**
 - ☐ Analytics, Reports, Charts
 - ☐ Crawl Manager for fetching posts from the internet.

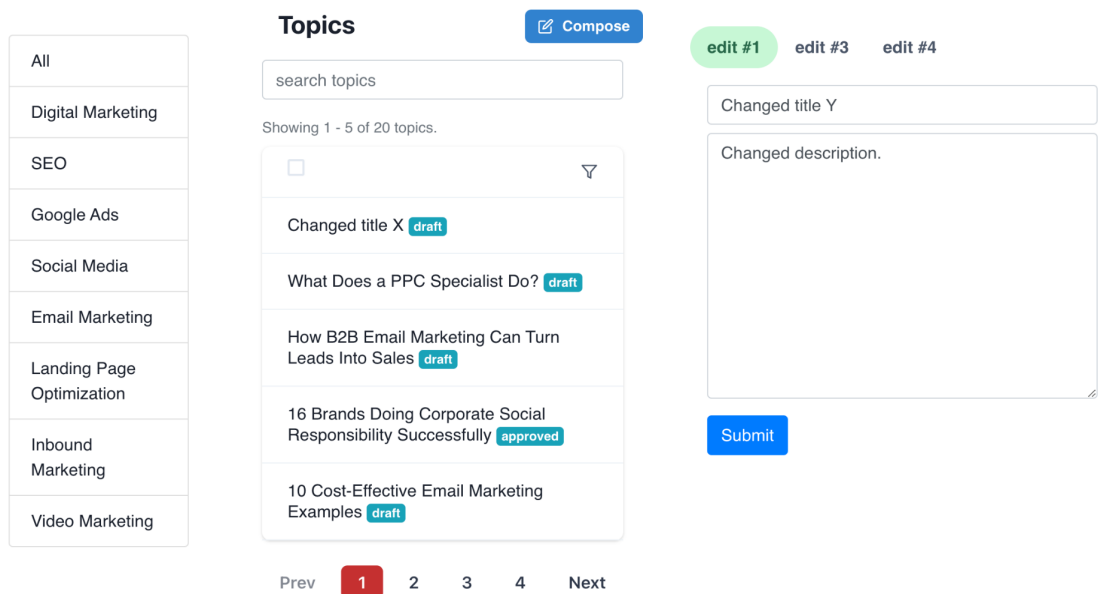
Screenshots:



Show/Hide Sidebars

Current output:

Contentify



IMMEDIATE TO-DOs:

Note: Pick any item and assign yourself by adding your name next to it. We need to focus on making reusable, independent components so that it can be plugged into any other page. **[Update:** moving the to-do list to another google doc with access restriction. But everyone can follow the code updates on the public GitHub — <https://github.com/newlaravelcoder/redux-toolkit> — project, plus will keep updating this doc with codes, and tutorial resources on react]

Also, you can create a standalone codesandbox.io code for specific items and a code-integrator team or yourself can later add to the actual project. This way, everyone will know how the code works, and what it does.

☐ **UI:**

- ☐ Build a 3-column layout with show/hide.
- ☐ Toolbar
 - ☐ Select All checkbox for bulk delete, bulk category update
- ☐ Add a search bar for the topics.
- ☐ Add a filter dropdown for the topics.
- ☐ Add a Star It functions next to the topic title.
- ☐ Add new topic - open in tabs, up to 5 (parallel editing).
- ☒ ~~**Topics Page:** Show topics with pagination.~~
- ☐ Category Display: Tree - (parent/child)
 - ☐ Total count of topics per category.
 - ☒ ~~**Category Navigation:** onClick category, show respective topics with their own pagination.~~
- ☐ Detail EditTopic page in tabs ->

- ☐ on click topic - open multiple tabs. Max: 5.
- ☐ Incorporate text editor for the description
- ☐ Category select dropdown menu.
- ☐ Other edit fields:
 - ☐ post_status, post_type, is_active, is_starred, tags, assign_topic to a writer/staff.
- ☐ Other functions:
 - ☐ Save topic
 - ☐ Schedule topic: open modal to take input for date & select project.

CodeSandbox Codes: Independent codes/components

1. Toggle Select All Checkbox:

<https://codesandbox.io/s/react-select-all-checkbox-jbub2>

2. Category Tree View using Data Structures -

<https://codesandbox.io/s/javascript-data-structures-78k6fe?file=/src/MapExample.jsx>

UI Design References

- <https://pixinvent.com/demo/vuexy-react-admin-dashboard-template/demo-1/apps/email>
- <https://app.highlight.io/>

Articles / Tutorials / Other Resources on RTK & RTK Query

- <https://github.com/fasasitope123/rtk-query-tut/blob/master/src/EditTask.js>
- <https://stackblitz.com/edit/react-jh83ue?file=src%2Fcomponents%2FTodoList.js,src%2Fredux%2Fslices%2FtodoSlice.js>
- <https://redux.js.org/tutorials/essentials/part-8-rtk-query-advanced#comparing-transformation-approaches>
- <https://blog.openreplay.com/fetching-data-in-redux-using-rtk-query/>
- <https://medium.com/@jdhawks/redux-toolkit-and-rtk-query-with-react-js-14e34be65622>
- <https://stackoverflow.com/questions/69499487/rtk-query-pagination-and-combine-queries>
- <https://codesandbox.io/s/countrieslist-rtk-query-b1ix4d?file=/src/App.js>
- <https://stackoverflow.com/questions/74328848/how-to-filter-by-category-using-redux-toolkit-in-reactjs>

Other React Stuffs

- https://github.com/AlexNti/coin_market/tree/master/src
- <https://github.com/alan2207/bulletproof-react/>
- <https://hemanta.io/implement-pagination-search-and-filter-in-a-react-app-part-3/>
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