

## React JS Training

### Application Name : Little Books

#### Objective

1. To learn about State Management using Redux.
2. Implement this application with React functional components.
3. Create reusable react components.
4. Optimize re-renders. Use Code Splitting.
5. Use **JEST & React Test Library** for Unit Testing. Prefer a Test Driven Approach.
6. Write Snapshot Testing for components.

#### API

#1. Fetch Blogs

<https://jsonmockserver.vercel.app/api/blogs>

#2. Fetch Members

<https://jsonmockserver.vercel.app/api/users>

*Response Example for Members*

```
[  
  {  
    "id": 1,  
    "name": "John Doe",  
    "photo": "images/users/1.jpeg"  
    .....  
    .....  
  }  
]
```

For user images, append <https://jsonmockserver.vercel.app> before the URL returned from “photo”.

Example : <https://jsonmockserver.vercel.app/images/users/1.jpeg>

#### Application Fonts (Google Fonts)

1. Roboto Slab
2. IBM Plex Sans

#### Use Case

“Little Book” is a single page application which enables user to add and read blogs. On page load, the user will be presented with the following view.

It’s a single page application with an ability to switch between Light and Dark Modes.

*Prototype Link*

<https://xd.adobe.com/view/1a4a01e4-6c0e-4052-8ad5-639a10b9b712-4f19/?fullscreen>

**Little Book**

Search Blogs NEW

**How To Time Travel**  
INTERNATIONAL  
There is an old saying that life is a journey. In fact, life is many journeys. The more of them you take, the longer it will seem. I thought about this. Then I thought about my childhood. It .....

**Summer Time - A Long Tale**  
INTERNATIONAL  
Most of us have, at some point, considered what we would do if we could travel back in time. Maybe we would give ourselves some hot investment advice and ... become millionaires ....

**I Don't Really Love To Travel**  
NATIONAL  
We landed on Saturday, and it's been lovely. We've had a few crepes, some frites and fruits, and more than our fair share of pain au chocolate, though for the most part it's been biere de

**How To Binge Travel Like It's Your Job**  
NATIONAL  
People often ask me some version of "How the hell do you do it?" in reference to my travel-heavy, job-light existence these last few years. I freelance sporadically as a brand & marketing

TAP TO READ FULL POST



**Summer Time - A Long Tale**

Most of us have, at some point, considered what we would do if we could travel back in time. Maybe we would give ourselves some hot investment advice and become millionaires, or change history for the better, or witness our favorite historical event. If I could travel back in time and do one thing, I wouldn't cheat on the stock market, or kill Hitler. I would simply give myself a few words of advice. What follows are some of the most important lessons I've learned in life- from books, from hard-fought experience, from friends, teachers and mentors much wiser than myself. Some of these lessons took me a very long time to learn- and while I wish I could have learned them faster, it would have taken me even longer if I didn't have help. Sadly, we can't time travel, but what we can do is learn from others, which is a hell of a lot faster than trying to figure things out for ourselves. Here are 40 little knowledge bombs that, in my opinion, took me way too long to learn.

EDIT CONTENT

## Section 1 - Side Bar Container

This section contains Logo, Filter and Menu Items.

### Filter Functionality

1. Dynamically change Blog List depending on the selected filter based on blog type (Regional/National/International etc).
2. The Blog Types in the filter are dynamic and should be constructed from the response of API #1.
3. On page load, all the filters will be checked by default.

### Menu Functionality

1. On click of “View Members” open a modal with list of members fetched from API #2. The modal closes when clicked outside.

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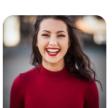
TAP TO READ FULL POST



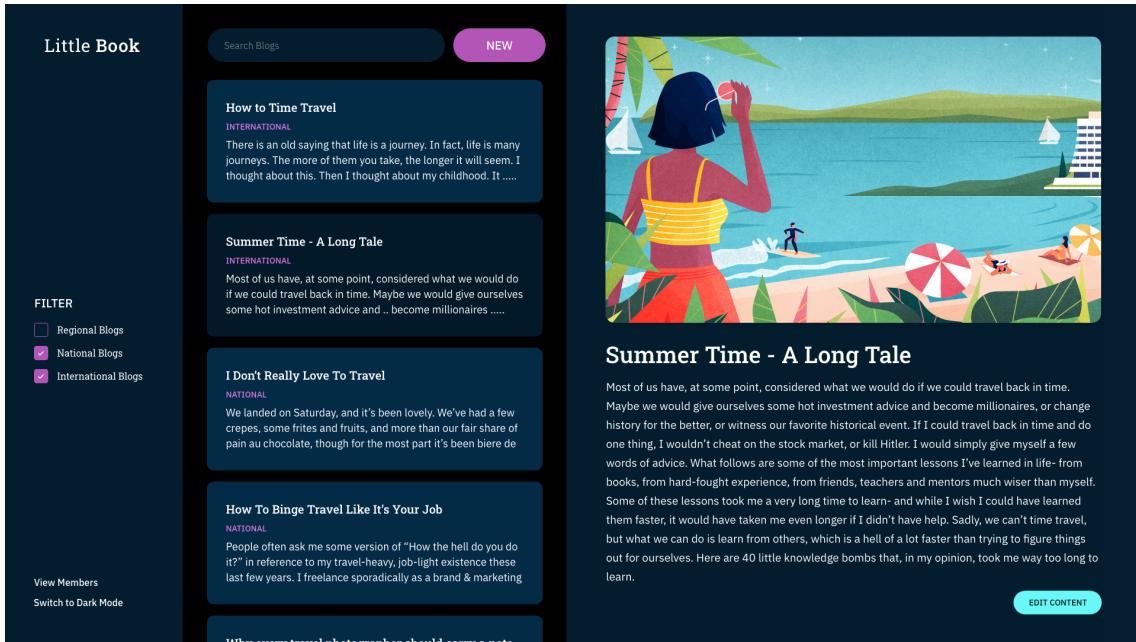
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**Members**

 Leanne Graham Gwenborough	 Ervin Howell Wisokyburgh	 Clementine Bauch McKenziehaven
 Mrs. Dennis Schulist South Christy	 Chelsey Dietrich Roscoeview	 Patricia Lebsack South Elvis
 Kurtis Weissnat Howemouth	 Nicholas Runolfs V Aliyaview	 Glenna Reichert Bartholomewbury

- On click of “Switch to Dark Mode”, change the UI to Dark Mode. Toggle between Light Mode and Dark Mode. All the views have their respective Dark Mode (Refer UX)



## Section 2 - Blog List

### Functionality

- On load, populate the blog list with data fetched from API #1.
- Search – The blog list must dynamically get updated based on user search terms (on key enter).
- On click of a blog item, populate the description with corresponding content. Highlight the selected blog item.
- New - On click of “New” button, open a modal to add blog.

Little Book

Search Blogs

NEW

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View Members

Switch to Dark Mode

Add New Blog

Name your blog

Write Content Here ..

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5. Add Blog – New blog can be created by adding title and content. Add the newly created blog to the list of blogs.
6. New Blog Details
  - a. Name – As per user provides
  - b. Content – As per user provides
  - c. Image – Optional (Prefer having a default image)
  - d. Blog Type – Local

### Section 3 - Blog Details

#### Functionality

1. On page load, this view will contain the description of the first blog by default.
2. On click of “EDIT CONTENT”, provide user the ability edit Title and Details of the blog.

The screenshot shows the Little Book application interface. On the left, there's a sidebar with a "Little Book" logo, a search bar, and a "NEW" button. Below that is a "FILTER" section with checkboxes for "Regional Blogs" (unchecked), "National Blogs" (checked), and "International Blogs" (checked). At the bottom of the sidebar are "View Members" and "Switch to Dark Mode" buttons.

The main area displays a list of blog cards:

- How to Time Travel** (INTERNATIONAL): A card with a small preview image showing a person looking at a map. The content discusses the saying that life is a journey.
- Summer Time - A Long Tale** (INTERNATIONAL): A card with a large, colorful illustration of a woman in a yellow top and red shorts standing on a beach, looking out at a sea with sailboats and a city skyline. The content discusses traveling back in time.
- I Don't Really Love To Travel** (NATIONAL): A card with a small preview image of a person. The content discusses traveling on Saturday.
- How To Binge Travel Like It's Your Job** (NATIONAL): A card with a small preview image of a person. The content discusses traveling as a job.

On the right side of the screen, there's a large, detailed illustration of a woman on a beach, titled "Summer Time - A Long Tale". Below the illustration is a text block with the same title and some descriptive text. At the bottom right are "CANCEL" and "SAVE CONTENT" buttons.

3. During an edit process, if the user clicks another blog from the Blog List, then provide a warning pop up, before navigating away.
4. On save, update the title and details. Make sure the updated content reflects everywhere in the application.
5. On click of cancel, redirect the user to unedited state.