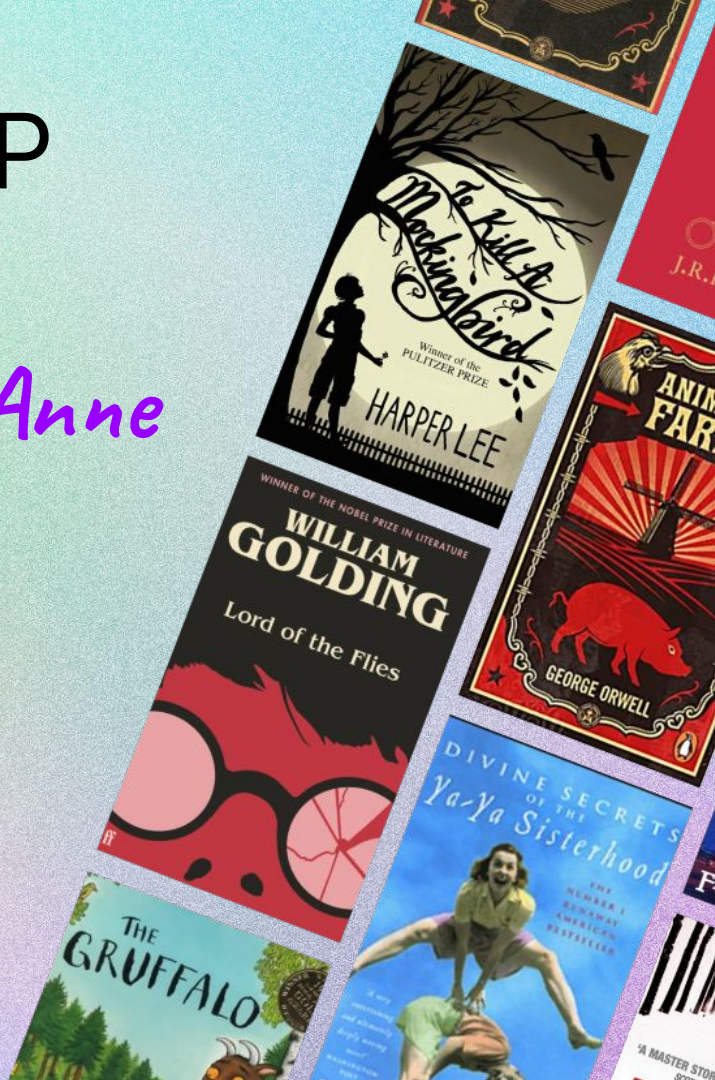
UNREAD BOOK APP

Kelsie, Delphine, Andromeda & Anne



MVP

A user should be able to:

- Search books from an API, find a specific one and add it to your database
- View and delete it.
- Mark the book as read, or unread.

Extension

- Adding a user

Learning goals

Kelsie

More experience in handling complex APIs, and working as a group!

Andromeda

Better understanding of state and props, working with APIs and practice more styling

Delphine

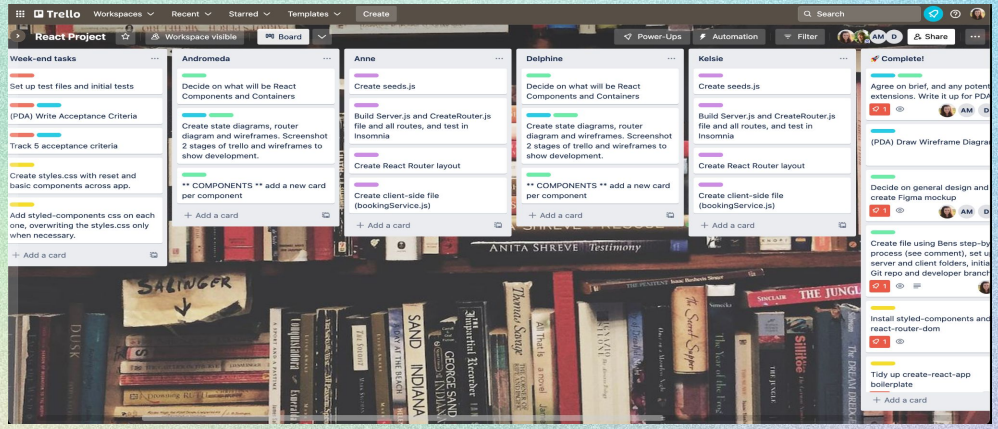
More practise with a non-relational document based database

Anne

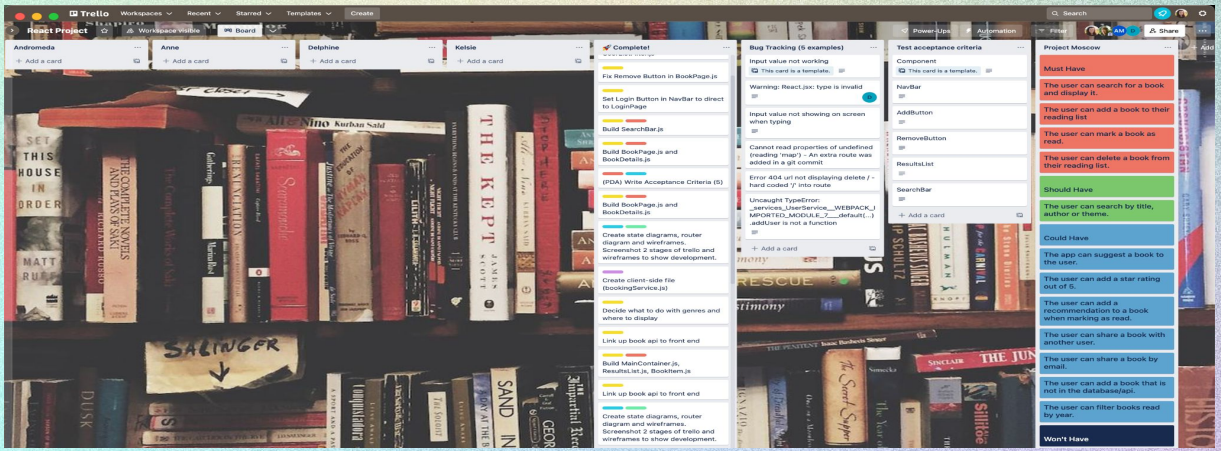
Confidence with state and props and using an API.

Trello

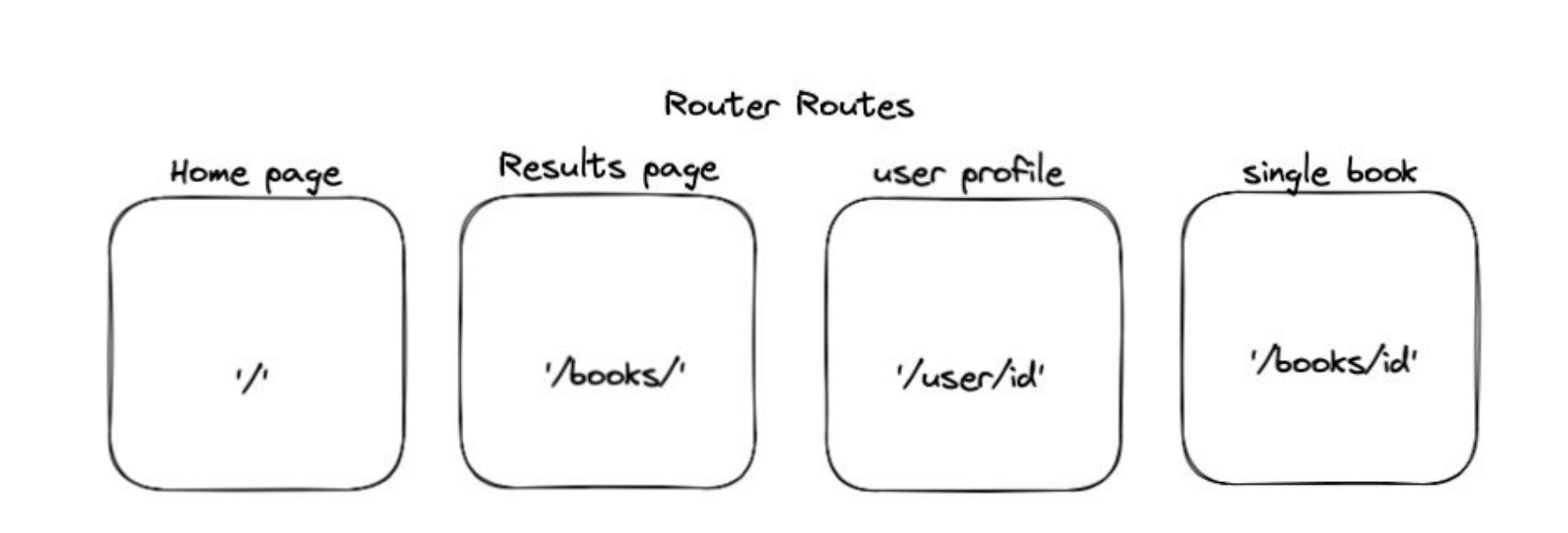
How it started...



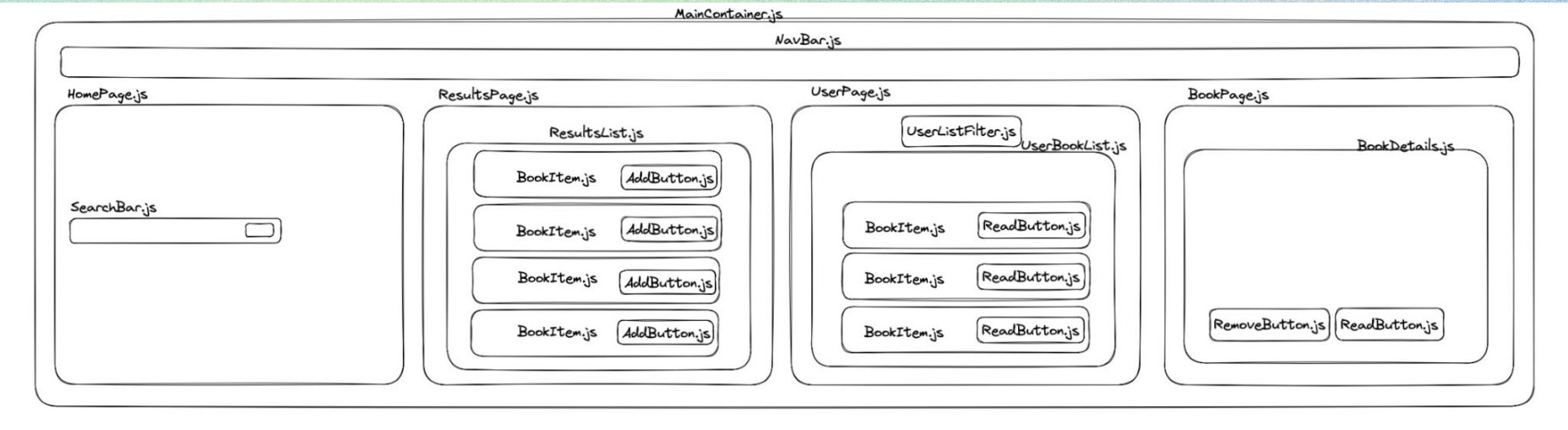
... how it ended



Planning using excalidraw



Planning using Excalidraw



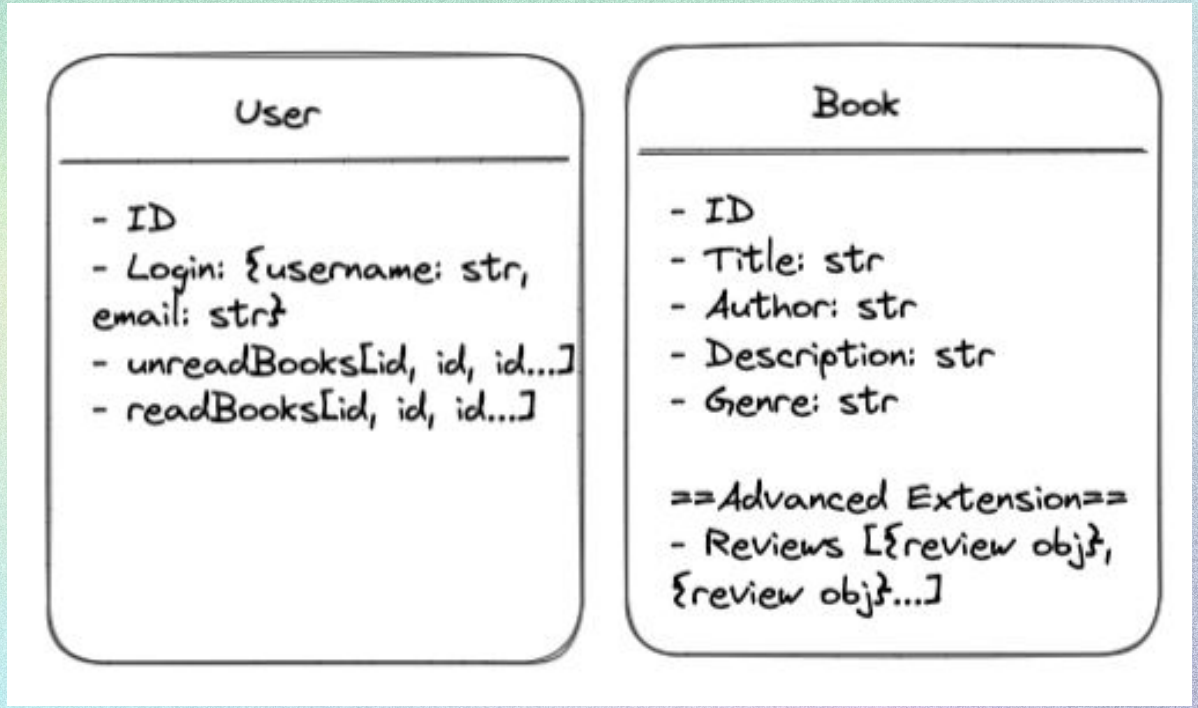
Planning using Excalidraw

Main Container

State: [searchResults, setSearchResults] = useState([])
State: [userBookList, setUserBookList] = useState([])

- Navbar
- Homepage
  - SearchBar
    State: [searchbarInput, setSearchbarInput] = useState("")
    Props: {handleSubmitForm(searchbarValue)}
  - ResultsPage
    Props: {searchResults, selectedBooks, onBookSelected}
    - AddButton
      Props: {handleAddBook(book)}
  - UserPage
    State: [filterAsUnread, setFilterAsUnread] = useState(true
    Props: {userBookList}
  - BookPage
    Props: {book, handleRemove(id), handleRead(id)}

Class Diagrams

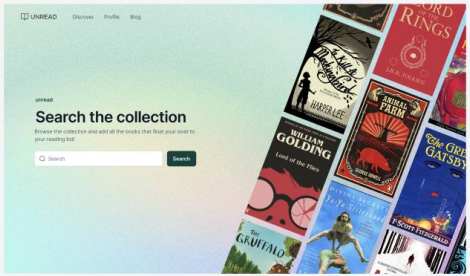


Planning using Figma

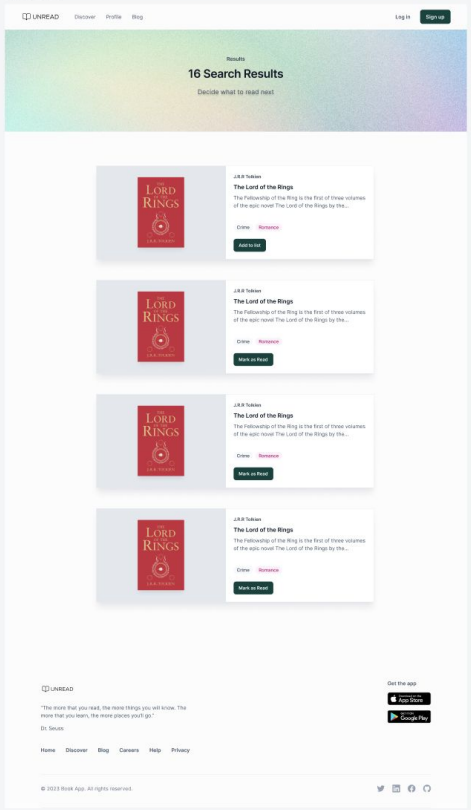
```
--clr-primary-025: #F6FEF9;
--clr-primary-050: #EDFCF2;
--clr-primary-100: #D3F8DF;
--clr-primary-200: #AAF0C4;
--clr-primary-300: #73E2A3;
--clr-primary-400: #3CCB7F;
--clr-primary-500: #16B364;
--clr-primary-600: #099250;
--clr-primary-700: #087443;
--clr-primary-800: #095C37;
--clr-primary-900: #084C2E;

--clr-grey-025: #FCFCFD;
--clr-grey-050: #F9FAFB;
--clr-grey-100: #F2F4F7;
--clr-grey-200: #EAECF0;
--clr-grey-300: #D0D5DD;
--clr-grey-400: #98A2B3;
--clr-grey-500: #667085;
--clr-grey-600: #475467;
--clr-grey-700: #344054;
--clr-grey-800: #1D2939;
--clr-grey-900: #101828;
```

Home



Results



Code we are particularly proud of

ALL OF IT

Code we are particularly proud of

```
useEffect( () => {
    fetch( `https://openlibrary.org/search.json?q=${searchBarInput}` )
    .then( res => res.json())
    .then(bookData => {
        const bookPromises = bookData.docs.splice(0, 20).map((doc) => {
        return fetch(`https://openlibrary.org/${doc.key}.json`)
            .then(res => res.json())
        });
        Promise.all(bookPromises)
        .then(books => {
        setSearchResults(books);
        setIsLoading(false)
        });
    })

}, [searchBarInput]);
```

```
const onBookRemoved = (bookToRemove) => {
  const copyUser = {...user}
  console.log('bookToRemove', bookToRemove);
  const bookToRemoveIndex = copyUser.unreadBooks.findIndex(book => book._id === bookToRemove._id)
  console.log('bookToRemoveIndex', bookToRemoveIndex);
  if (bookToRemoveIndex >= 0) {
      copyUser.unreadBooks.splice(bookToRemoveIndex, 1)
  }
  else {
      console.log('else triggered');
      const bookToRemoveIndex = copyUser.readBooks.findIndex(book => book._id === bookToRemove._id)
      copyUser.readBooks.splice(bookToRemoveIndex, 1)
  }
  BookService.deleteBook(bookToRemove._id);
  setUser(copyUser)
  UserService.updateUser(copyUser)
}
```

```
const UserBookList = ({user, readState, onBookRemoved, onBookRead, onBookUnread}) => {
    const unreadUserBooksNodes = user.unreadBooks.map((userBook, index) => {
        return <li key={index}><UserBookItem readState={readState} userBook={userBook} onBookRemoved={onBookRemoved} onBookRead={onBookRead} onBookUnread={onBookUnread}/></li>
    })
    const readUserBooksNodes = user.readBooks.map((userBook, index) => {
      return <li key={index}><UserBookItem readState={readState} userBook={userBook} onBookRemoved={onBookRemoved} onBookRead={onBookRead} onBookUnread={onBookUnread}/></li>
    })
```

Our thoughts on working in a group

Two stars (and an extra star just for fun):

- Good learning from others workflow and tools they like to use
- We can do so much more in a group!
- Greater creativity! Loads of ideas on Friday!

And a wish (and an extra wish just for fun):

- Tricky working with people schedules and priorities at weekends
- Understanding people’s code before stepping in takes time…

Show the app already


CODECLAN
CodeClan
Merci
σας ευχαριστώ


I NPM INSTALLED REACT AND
REACT-DOM
SO I GUESS YOU COULD SAY
THINGS ARE GETTING PRETTY SERIOUS