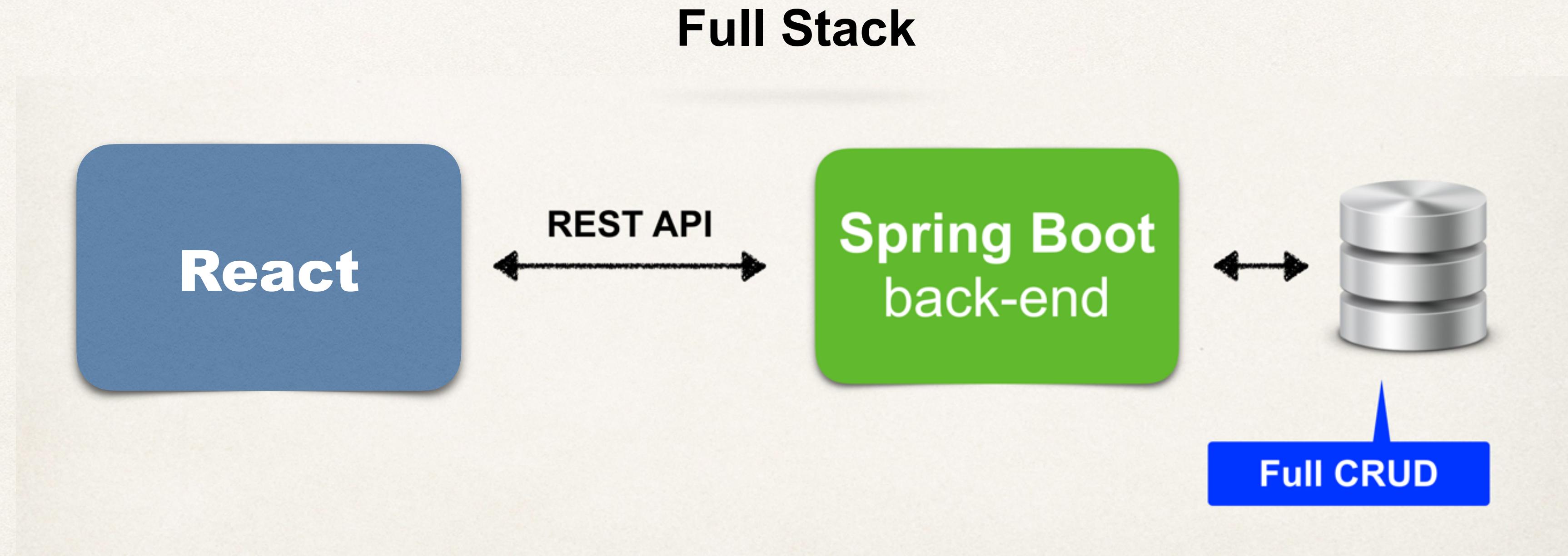


React - Home Page



React Front End

- Create React Front End components
- Retrieve data from Spring Boot REST APIs



Development Process

Step-By-Step

1. Create React + TypeScript project
2. Add Bootstrap and CSS
3. Create React navigation bar component
4. Create React explore top books component
5. Create React carousel for books component
6. Create React hero's component
7. Create React library services component
8. Create React footer component

Step 1: Create React project

- Create new project using the React + TypeScript command

```
C:\> npx create-react-app library-app --template typescript
```

TypeScript already configured throughout
project

Step 2: Add Bootstrap and CSS

- Bring Bootstrap's CSS and JS into our application

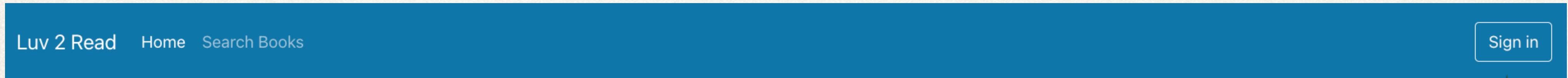
```
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootst...
```

```
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/boot...
```

Step 3: Create React Navigation Bar Component

- Create new .tsx component that will be at the top of every page

Desktop



Mobile

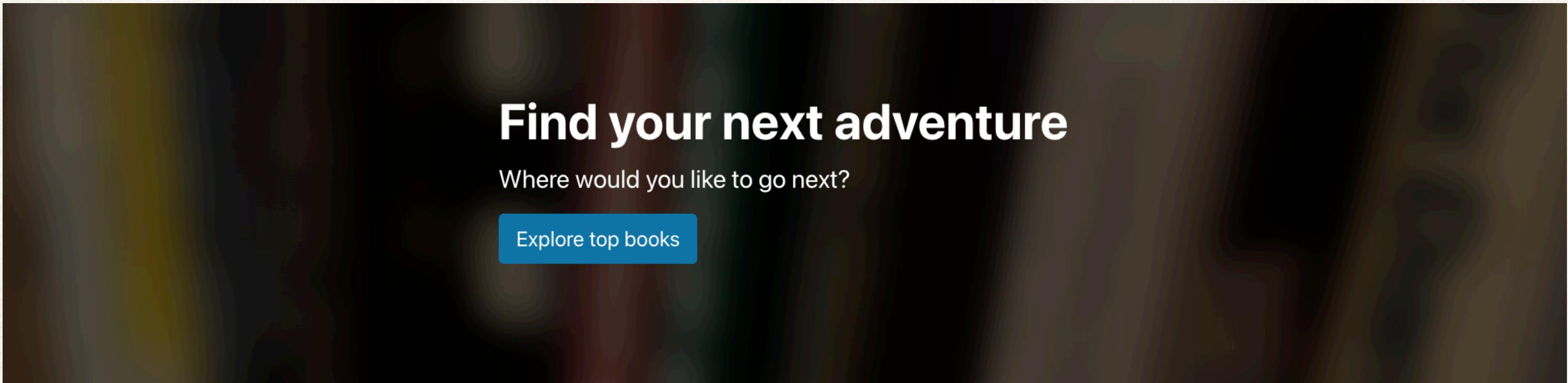


Logged out version only

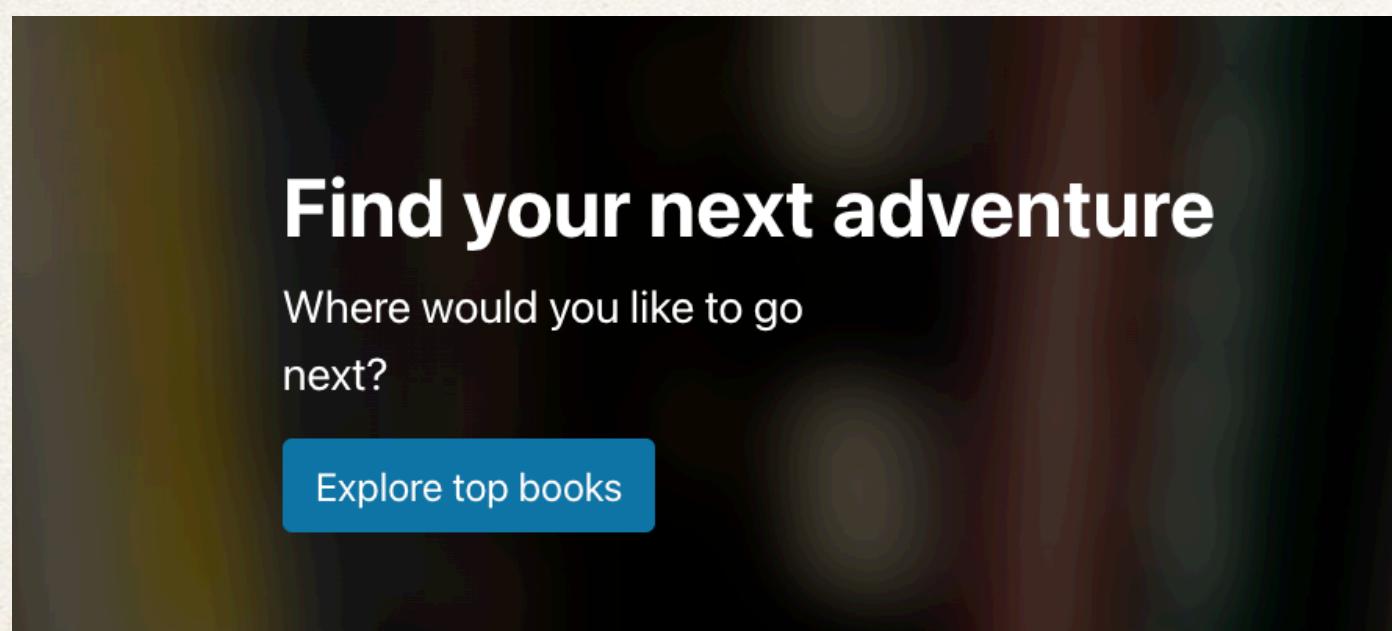
Step 4: Create React Explore Books Component

- Create new .tsx component that will be displayed as the first component on the homepage

Desktop



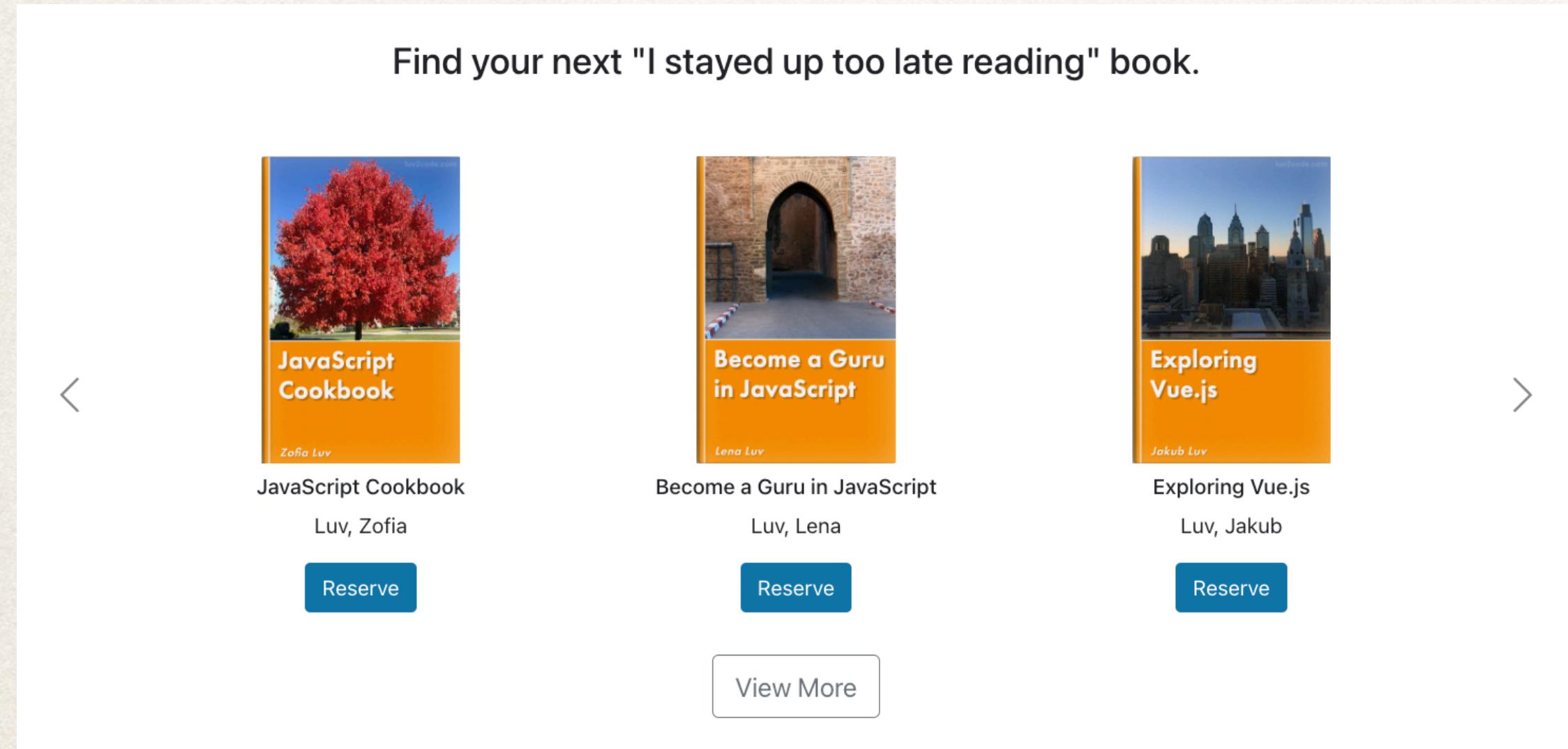
Mobile



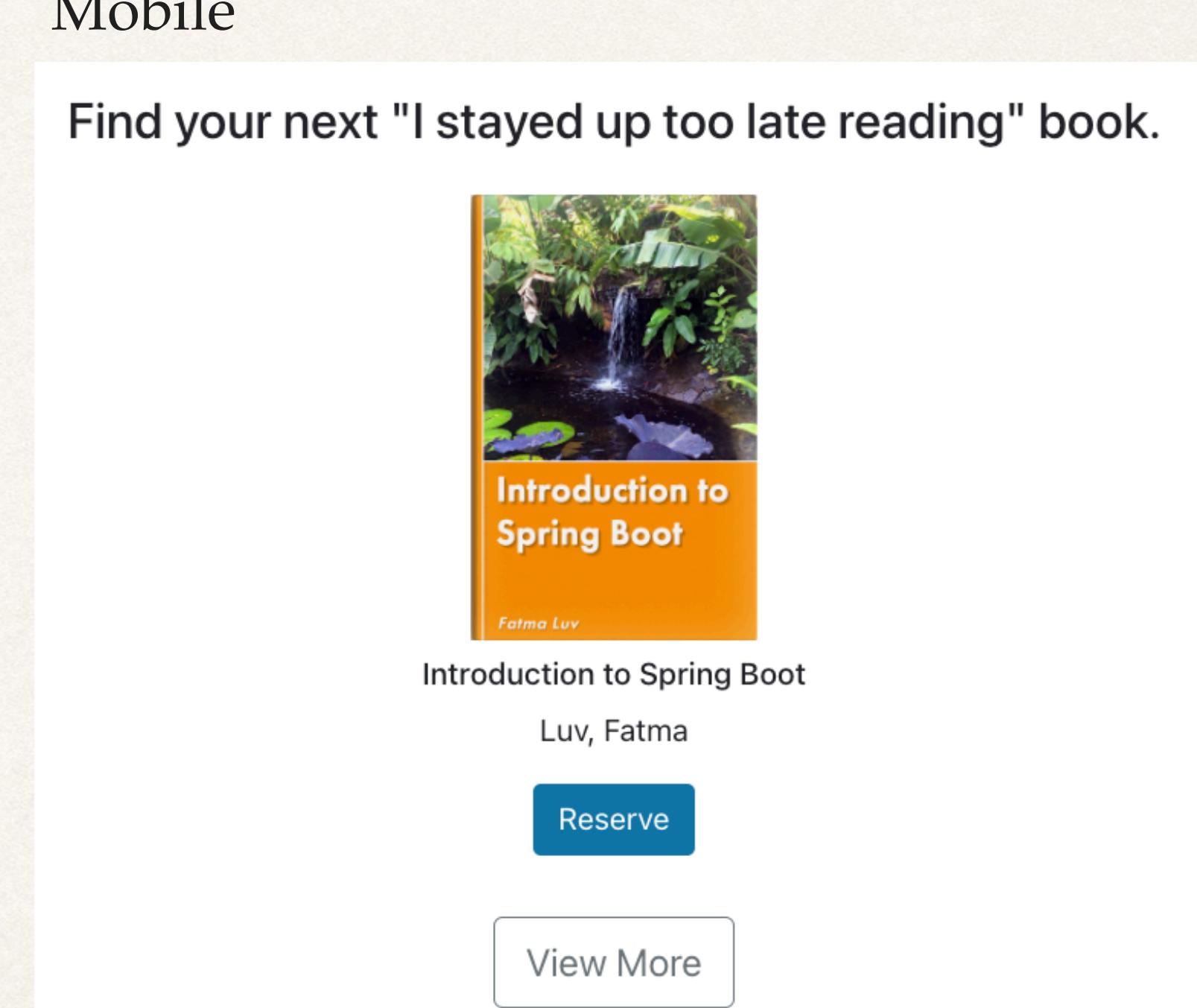
Step 5: Create React Carousel Component

- Create new .tsx component that will allow the user to see books on the homepage

Desktop



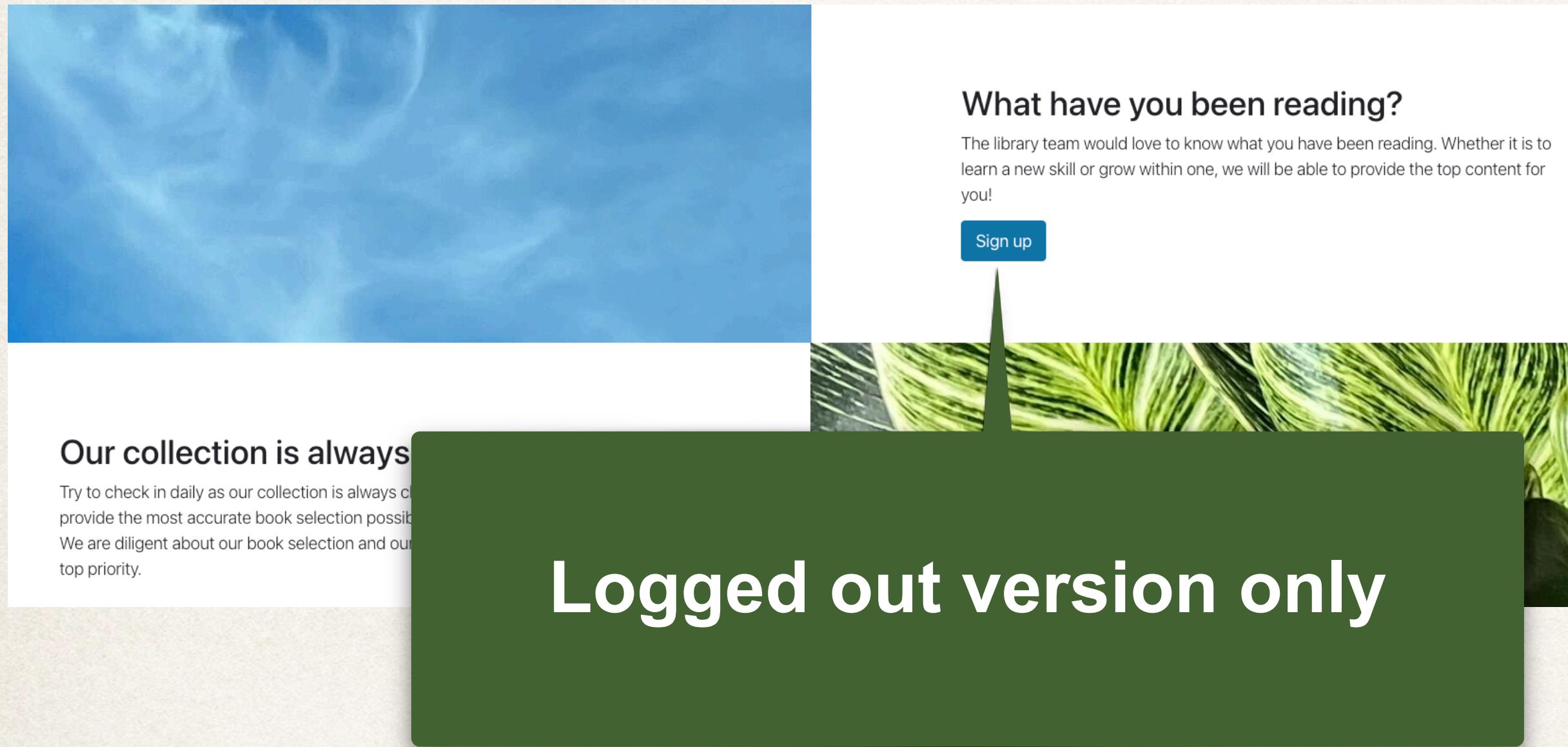
Mobile



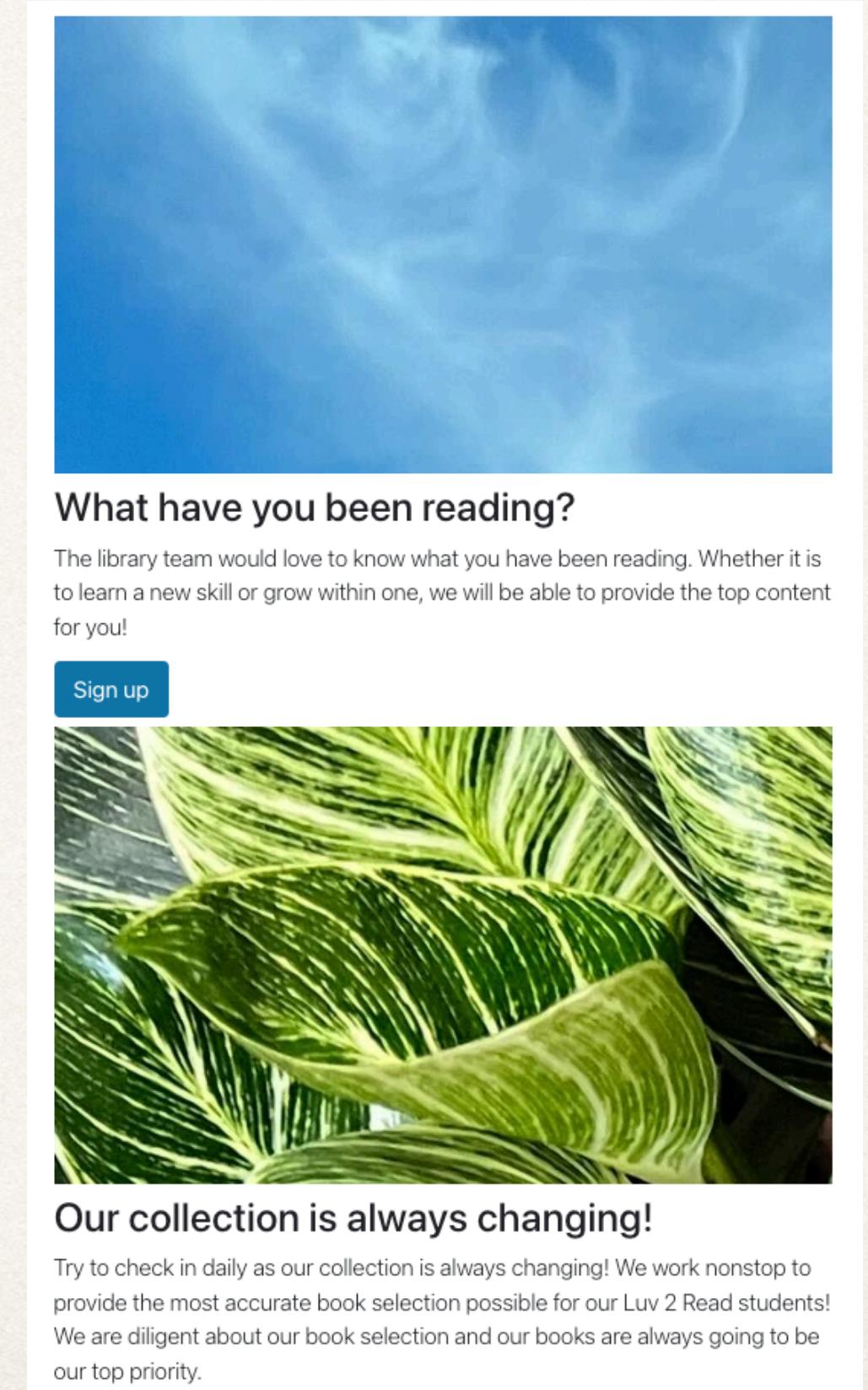
Step 6: Create React Hero Component

- Create new .tsx component that will provide some information to the user along with an image

Desktop



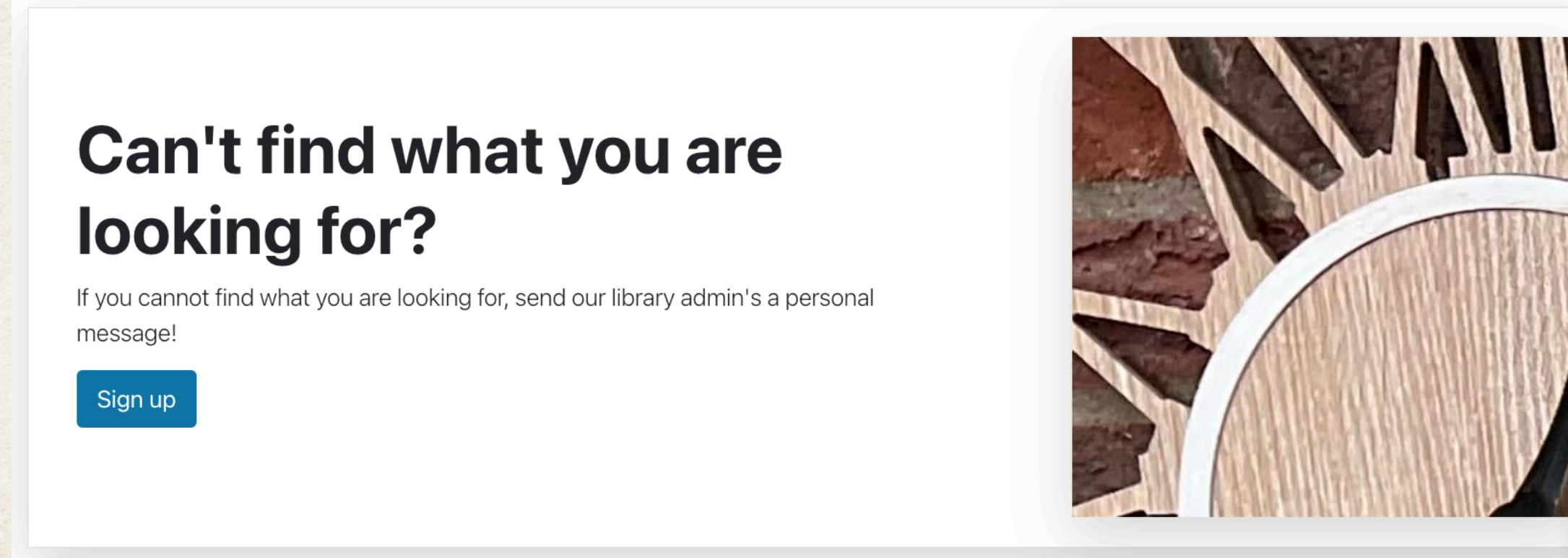
Mobile



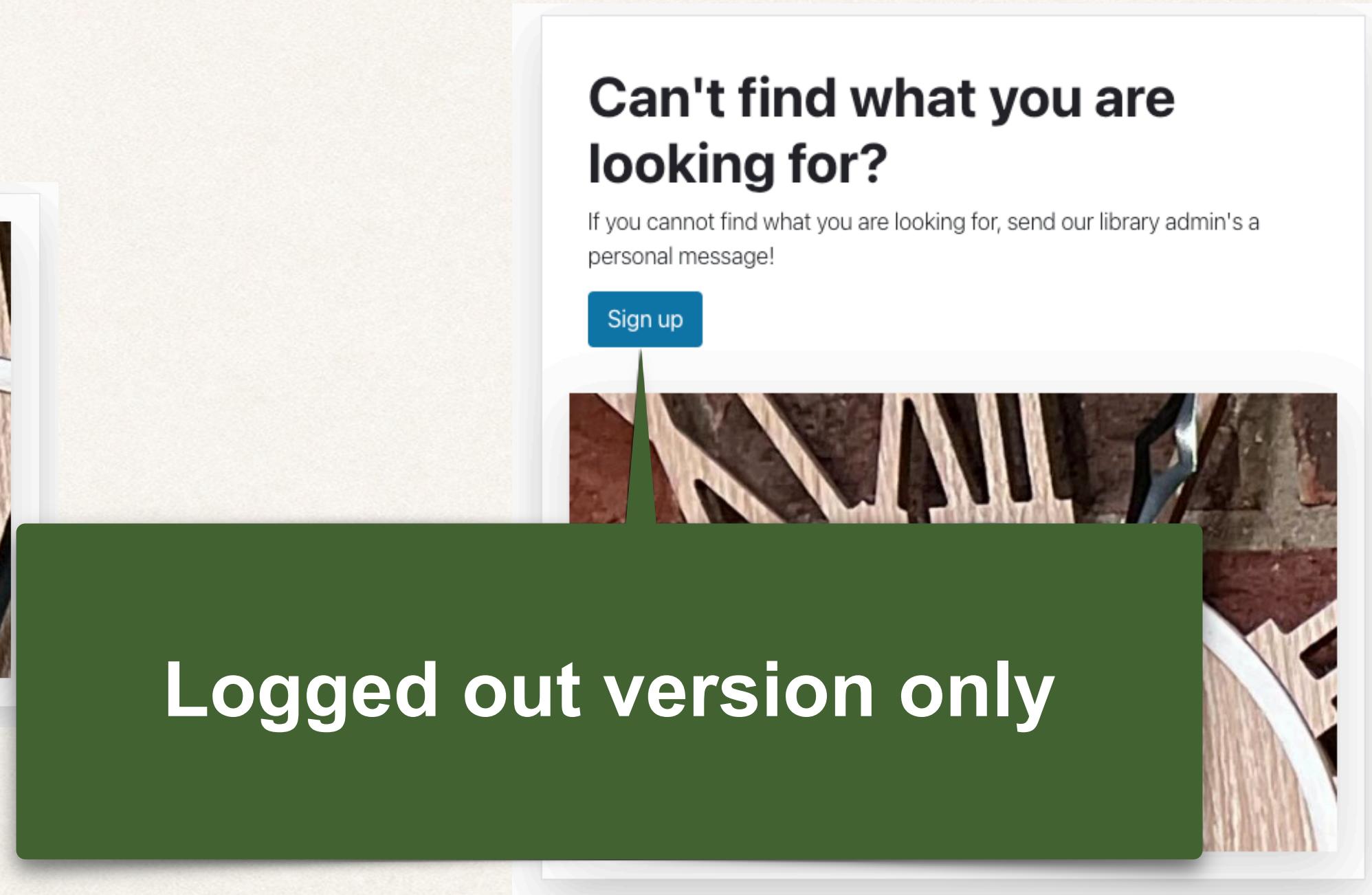
Step 7: Create React Library Services

- Create new .tsx component that will redirect a user to the library services

Desktop



Mobile



Step 8: Create React Footer Component

- Create new .tsx component that will be at the bottom of every page

Desktop & Mobile

