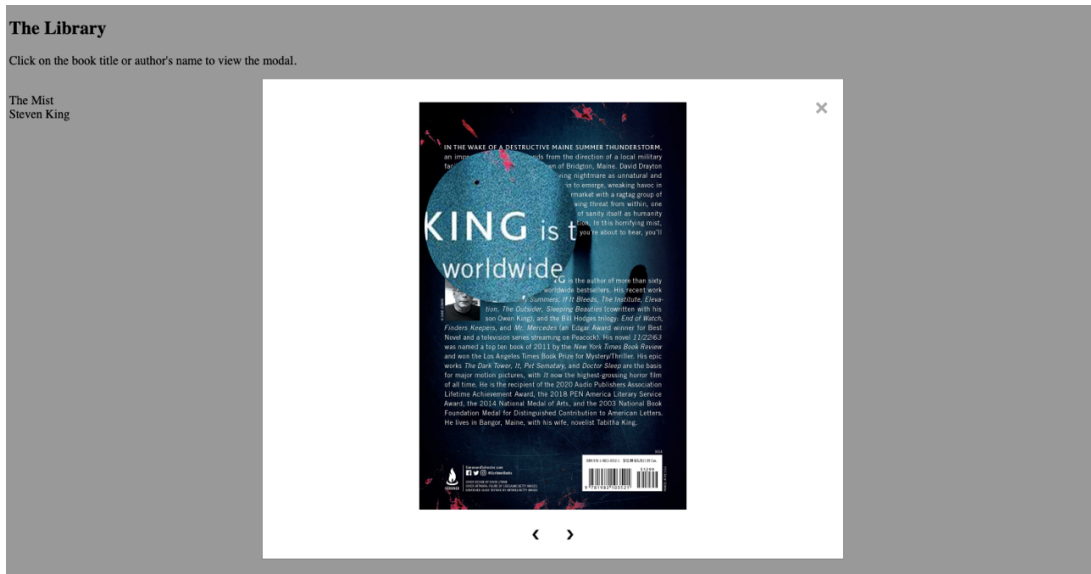


# The Library

My goal for this component is to have a long list of books that the user can see a summary of each book. When clicking on the book, a modal will appear that shows images of the book. The user will then be able to view the image and use the zoom feature to read any text.

An example of what the component will look like:



There will be more books along the left side which will all have their own modal that can be explored.

There are three main events that are part of the component:

- **Modal:**
  - The modal will appear when the user clicks on the div that shows the book title and authors name. The features that are tied to the modal involve closing the modal. When the user clicks the x in the top right or clicks off the modal screen, it will close the modal.
- **Image Zoom:**
  - The image zoom event will display a magnifying glass when the user hovers over the image. The user can then click on the image to active the zoom and move it around the image. When the user is done with it, they can click the image again to remove it.
- **Slideshow:**
  - The slideshow event allows the user to add any image of the book they want to add. Whether it is the front page, back page, or inside the book, the user can display images that can be cycled through using the arrow buttons below the image.

For the final demo I would like to have the user pass in a json object that has the images, book title, and author name. This would allow for the user to pass through long lists of books without having to manually enter them. I might also attempt to use the Google books API to have a filled page of books.

Another part of the component I want to add is an animation for when the page flips. Since it is currently a basic slideshow, I wanted to add something to it. The plan was to have the animation look like a page is flipping like a book.

The last part that I may implement would be a filter, which would only be implemented if I have the time since it was not part of my original plan. This would be for the page with the books on it, outside of the modal. If the user has a very long list of books, then it might be difficult to find a specific book. This is where the filter would come into play. Adding a text box at the top of the page for the user to type whatever book they want or if they want all books by a specific author.

## References

- Modal: [https://www.w3schools.com/howto/howto\\_css\\_modals.asp](https://www.w3schools.com/howto/howto_css_modals.asp)
- Slideshow: [https://www.w3schools.com/howto/howto\\_js\\_slideshow.asp](https://www.w3schools.com/howto/howto_js_slideshow.asp)
- Swipe Gesture: <https://codepen.io/diemoritat/pen/LKROYZ>
- Image Zoom:
  - [https://www.w3schools.com/howto/howto\\_js\\_image\\_zoom.asp](https://www.w3schools.com/howto/howto_js_image_zoom.asp)
  - <https://codepen.io/codemachinist/pen/YZqEaZ>