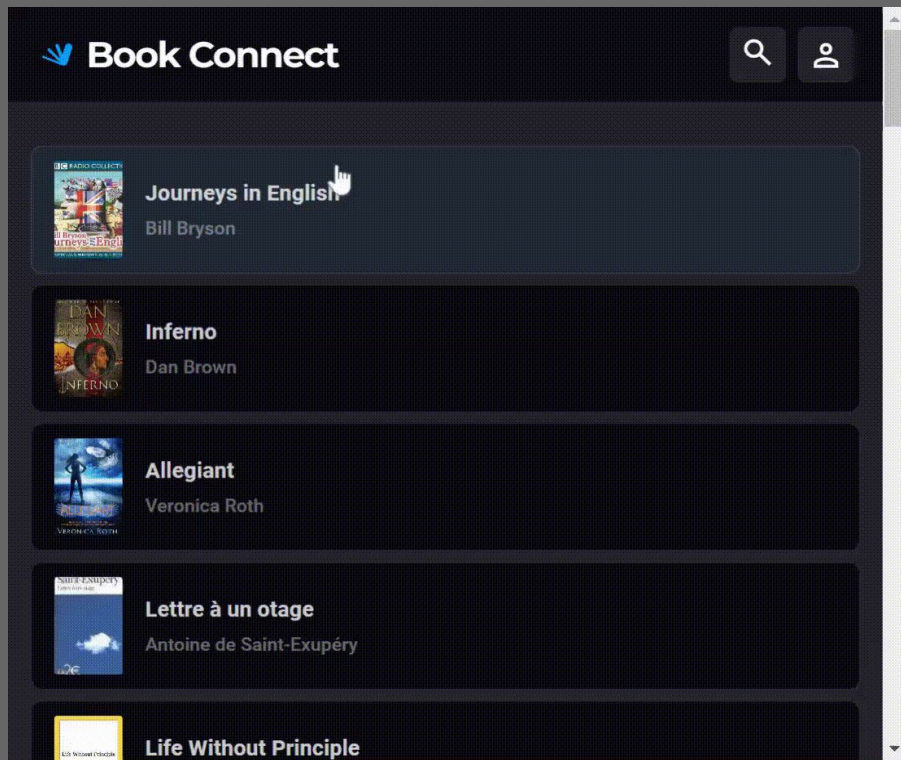


# THE BOOK CONNECT BUG HUNT

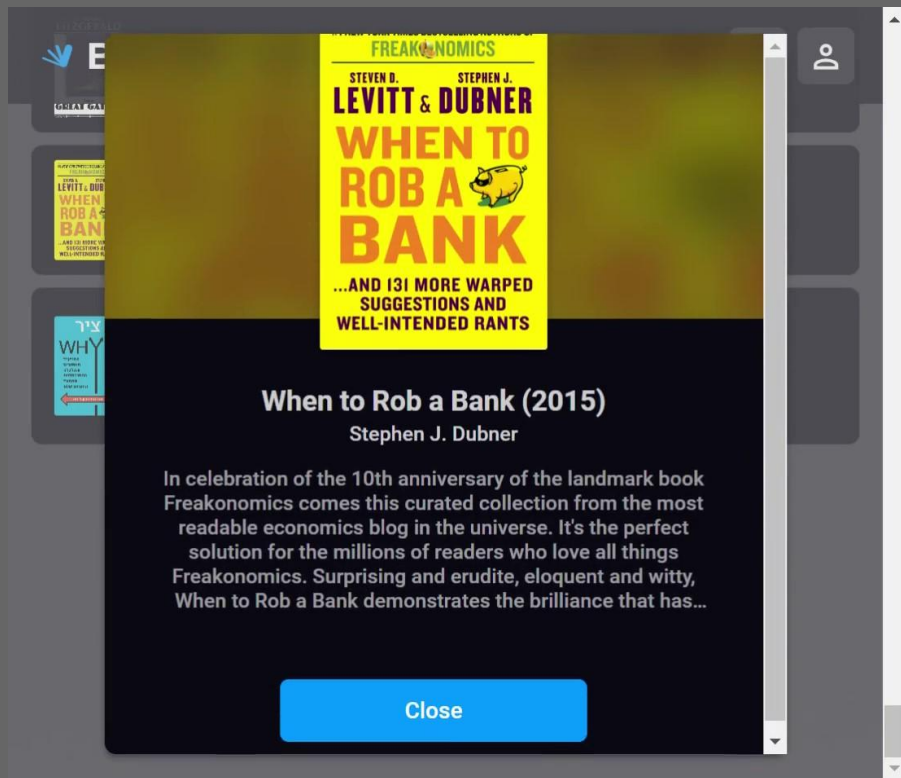
**How I fixed Book Connect's bugs.**

# I WANT TO VIEW A LIST OF BOOK PREVIEWS WITH AN IMAGE, TITLE AND AUTHOR.



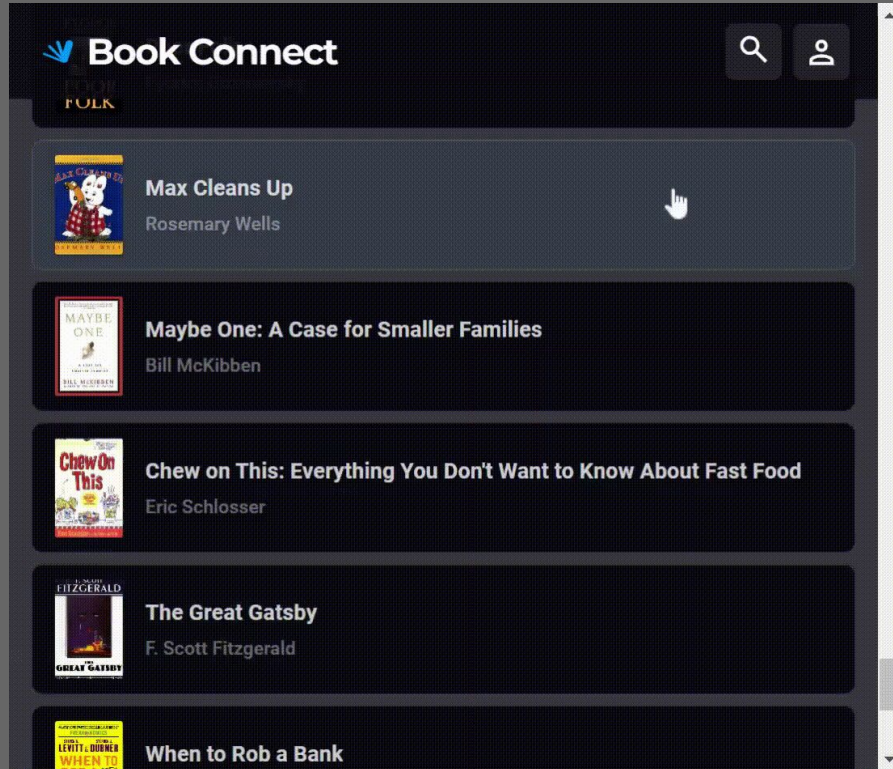
- The home page book list was created using the `appendBooks` function. This function iterates through the `books` object, extracts the title, author, and image, and uses interpolation to generate button elements with the relevant information.
- A for loop was used to ensure that only 36 books could be loaded at a time and the `innerHTML` property was used on the “show more” button to update the number of books not loaded to the page.
- A `showMoreAction` function was used to add 36 more books to the page when the button is clicked.

# I WANT TO HAVE THE OPTION OF READING THE BOOK SUMMARY



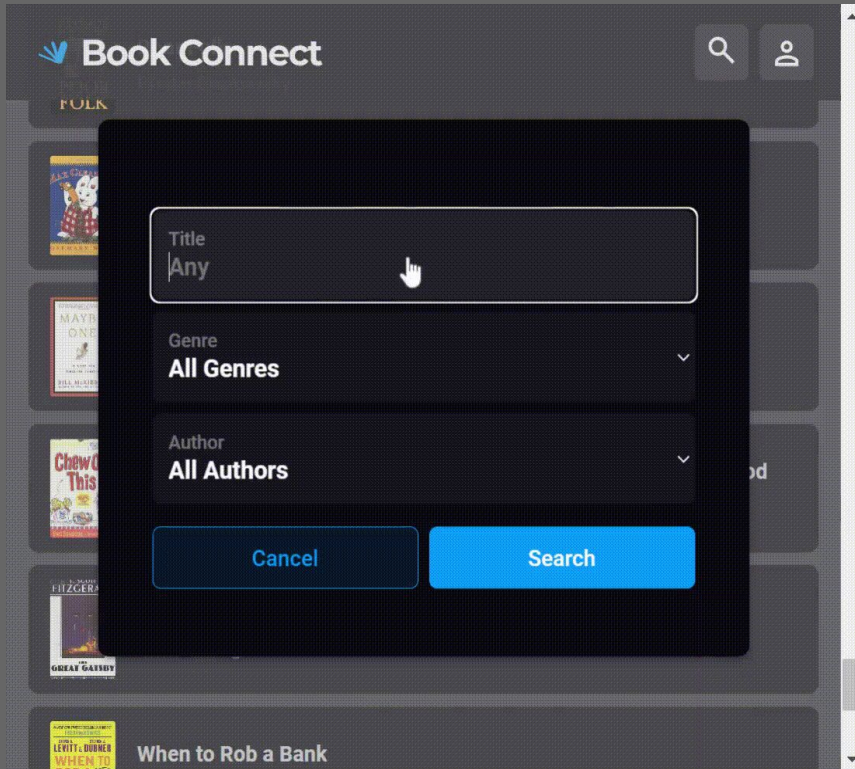
- The `descriptionOverlay` function provides the book summary overlay feature. It first identifies the clicked book by id and then uses a for loop to find a matching id in the books object. Once found, the function uses interpolation to generate an html framework that displays the book information and activates the summary overlay.

# I WANT TO BE ABLE TO SEARCH FOR A BOOK WITH A PARTIAL TEXT INPUT



- The `searchBooks` function enables searching for books with partial title matches. It fetches input values from the search overlay form, and searches the books array for matches based on text input. Matching books are compiled into an array and used to generate button elements for display on the html page.

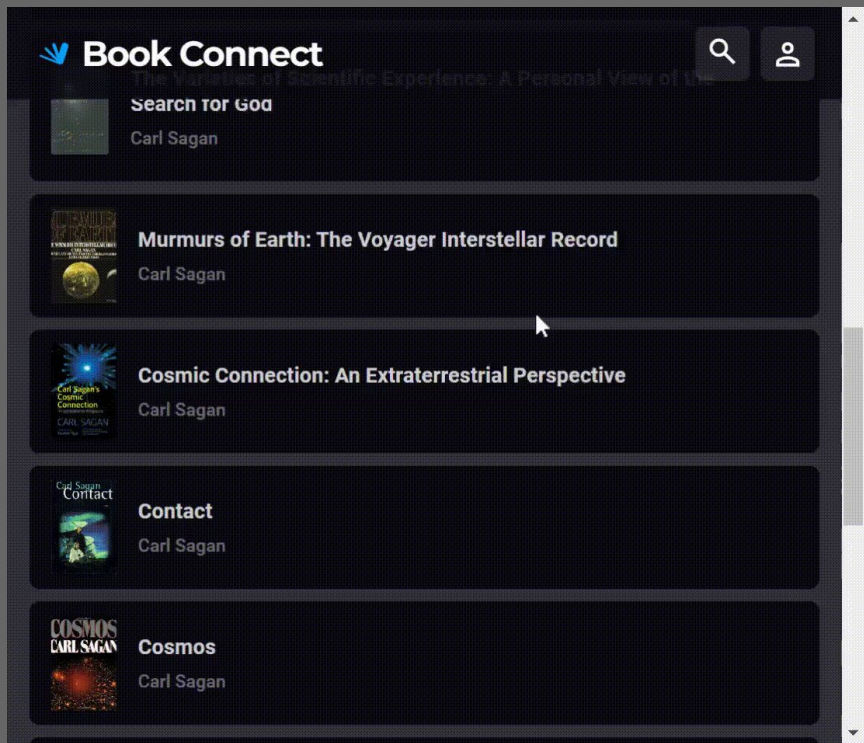
# I WANT TO BE ABLE TO FILTER MY SEARCH BY AUTHOR AND/OR GENRE



- The `searchBooks` function provides filtering options for author and genre. It fetches the `id` key for the selected author or genre from the respective objects, and uses it to iterate through the `books` object and find matches. The matching books are added to an array called `filteredBooks`. The function then generates button elements for each book in the `filteredBooks` array, displaying the book's image, title, and author, and enabling summary overlay functionality.



# I WANT TO BE ABLE TO TOGGLE BETWEEN DARK AND LIGHT SO I CAN USE THE APP COMFORTABLY.



- The `changeTheme` function enables switching between day and night themes. It iterates over the array of option values in the drop-down list and uses an if statement to check whether the selected value is "day". If so, it executes a code block that sets the colors to the day theme. Otherwise, the else statement is executed, applying the night theme colors.

THE END