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# **Project LIB OPAC**

## **User Interface Design**

Submitted to:

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In partial fulfillment of Academic Requirements  
for the course  
CS 191 Software Engineering I  
of the  
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### **Unique Reference:**

The documents are stored in the <https://github.com/cs191-wfu-1718-g3/CS191-project>.

<https://github.com/cs191-wfu-1718-g3/CS191-project/blob/master/03-Design%20Engineering/Project%20LIB%20OPAC%20-%20User%20Interface%20Design.pdf>

### **Document Purpose:**

This document provides sample screens of the User Interface design of the project, the links to the documentation of the participatory design conducted by the developers, and the feedback from the participant testers.

### **Target Audience:**

Developers, client

### **Revision Control:**

| <b>Revision Date</b> | <b>Person Responsible</b> | <b>Version Number</b> | <b>Modification</b>   |
|----------------------|---------------------------|-----------------------|---|
| 11/24/17             | Francis Zac dela Cruz     | 1.0                   | Initial Document; Unique Reference; Document Purpose; Target Audience; Use Case Specification |
| 11/24/17             | Anjelo Jurquina           | 1.0                   | Video links   |
| 11/24/17             | Nicko Pangarungan         | 1.0                   | InVision links; Images of screens   |

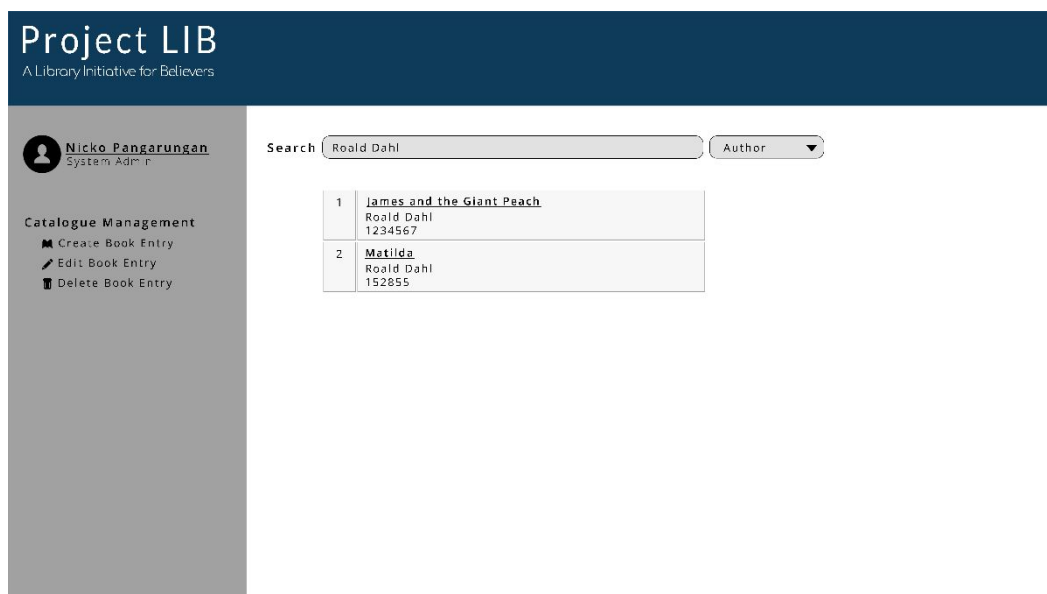
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**Project Title:** Project LIB OPAC

**Use Case Specification:**

The prototype UI covers the Manage Book Catalog including the functions to create, edit, and delete book entries. The user can simulate creating book entries by entering book details and adding them to the database or cancel the said process. The user can also edit existing entries by entering the book ID and changing the book details before committing the changes or cancel the said process. The user can also delete entries by entering the book ID, checking if the book details match those of the book to be deleted, and confirming to delete. The second use case this prototype covers is the View Book function that opens a search result and checks if that book is on shelf, borrowed, or not allowed for borrowing.

**Sample Screens:**



*Sample screen 1: Main page with book search results<sup>1</sup>*

<sup>1</sup> Icon made by Freepik from [www.flaticon.com](http://www.flaticon.com)  
Icon made by Pixel perfect from [www.flaticon.com](http://www.flaticon.com)

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Create Book Entry

Title

James and the Giant Peach

Author

Roald Dahl

Keywords

children's story

Quantity

On shelf

2

On loan

1

Not loanable

0

Create

Cancel

*Sample screen 2: Popup window for Create Book Entry*

Edit Book Entry

Book ID

1234567

View

Title

James and the Giant Peach

Author

Roald Dahl

Keywords

children's story; fiction

Quantity

On shelf

2

On loan

1

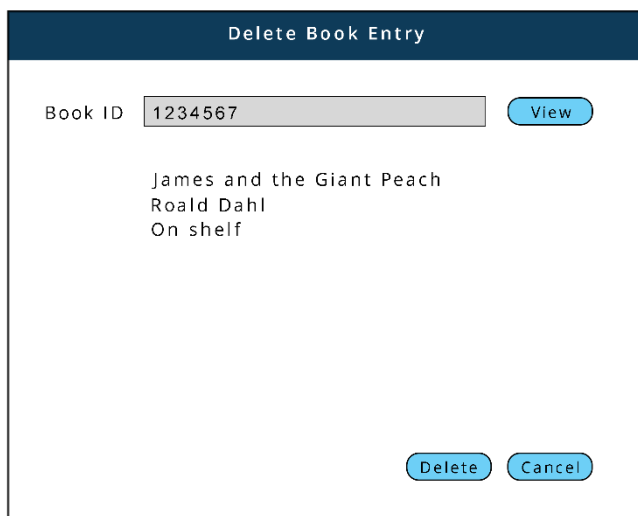
Not loanable

0

Save

Cancel

*Sample screen 3: Popup window for Edit Book Entry*



*Sample screen 4: Popup window for Delete Book Entry*



*Sample screen 5: Popup window for status notification*

*InVision Link(s):*

<https://invis.io/DEEMVGNQ3>

*Participatory Design:*

The videos links are as follows:

<https://youtu.be/jb-6zYR1YGQ>

<https://youtu.be/QFAO4t7HtjY>

<https://youtu.be/3ToVI4F0wAM>

*Suggested Improvement(s):*

Participant 1: Consolidate function buttons for edit and delete on a single screen

Participant 2: None

Participant 3: None

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Accountability Report:

| Team Member           | User Interface Design Task  |
|-----------------------|---|
| Francis Zac dela Cruz | Brainstormed ideas for the design of the screens<br>Reviewed and proposed changes to the initial screens<br>Set-up the InVision prototype's hotspots and screen transitions |
| Anjelo Jurquina       | Brainstormed ideas for the design of the screens<br>Found participants to test the UI<br>Facilitated the participatory design<br>Edited and uploaded videos                 |
| Nicko Pangarungan     | Created the images of the screens<br>Recorded the video of the participatory design<br>Transcribed the videos   |