

SPECIFICATION USE CASE FOR ADD NEW BOOK FUNCTION

| | | | |
|-----------------------------------|---|---------------------------|--|
| Use case code | UCANB | Use case name | Add New Book |
| Actor | Librarian | | |
| Prerequisites | Librarian login successfully, there is no such adding book in library | | |
| Success/Main flow of event | # | Doer | Action |
| | 1 | Librarian | Input information of new book to add |
| | 2 | Library Management System | Check the form of the information of the book to add |
| | 3 | Library Management System | Show the notification that the book has been added succesfully |
| | 4 | Library Management System | Confirm addition and store in database |
| Alternative flow of event | # | Doer | Action |
| | | Librarian | Can cancel addition or restart any time |
| | 3a | Library Management System | Show notification that the information is invalid, go back to step 1 |
| Post-condition | Don't have any | | |

* Input data:

| No. | Data field | Description | Mandatory | Condition | Example |
|-----|------------------|--|-----------|-----------|---|
| 1. | Book Number | A series of number unique to each book | Yes | | XX9999 (XX is the classification) |
| 2. | Title | The name of the book | Yes | | The silent of the Lamb |
| 3. | Publisher | The name of the publisher | Yes | | Alphabooks |
| 4. | Authors | The name of the authors of the book | Yes | | Thomas Harris |
| 5. | ISBN | International Standard Book Number, a series of number unique to each book which contains 13 digits. | Yes | | 978-604-77-0551-1 |
| 6. | Copy Information | Book Number, Sequence Number, Type of Copy, Price | Yes | | - XX9999 - 2 - Reference - 320\$ |

** Data output:

| No. | Data field | Description | Format | Example |
|-----|------------|-------------|--------|---------|
|-----|------------|-------------|--------|---------|

- No output data, just notification.