

Use Case 4

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1 Use Case Number 4: Adding Books to Database

1.1 Scope

Adding newly received books to Database

1.2 Level

User Goal

1.3 Primary Actor

Librarian

1.4 Stakeholders and Interests

Librarian: Easy access to update database with newly received books that will not cause excessive down time.

Users: Quickly updating databases to reflect books that are provided by the library.

1.5 Preconditions

Librarian has the correct rights for database access and the ability to update the system.

1.6 Success Guaranteed

1.7 Main Success Scenario

1. Librarian access the application.
2. Librarian access the database.
3. Librarian selects to add new entries.
4. Librarian adds the information for the new book.
5. Librarian clicks add.
6. System updates new entry into database.
7. Librarian logs out of database.
8. System updates databases in use by application.

1.8 Extensions

*a. At any time the system fails

Ensure that there is a way to quickly restore the system or restart it

4.a Information is not accepted by database

1. Show message that the entered information is incorrect
2. Show message to check that the entered information is correct

6.a Information is not saved to database

1. Show message that information was not saved
2. Retry to save information

1.9 Special Requirements

Application can be accessed from computer or smart device with the correct role in the system.

Database will update with new entries upon saving and exiting the interface.

1.10 Technology and Data Variations Lists

Database when updated is used by the application.

1.11 Frequency of Occurrence

While this will not be used often, it will be used heavily if a large order of new books is received.

1.12 Open Issues

What to do if System is down due to maintenance or other issues? It may not be feasible to use this portion of the application while the application is down.