

Library Project

1. Library Item - Abstract Class

Books - Class that derives from Library Item

Journal - Class that derives from Library Item

Library Item Class Properties:

- ID
- Publisher/Company Name
- Publish Date
- Genre
- Price
- Borrow Date
 - Discount

2. Class Books - Derives from Library Item class

Properties:

Author

3. Journal - Derives from Library item class

4. Manager Class

Roles:

- Add Library Item
- Edit Library Item
- Add a copy of an item
- Delete Library Item

5. User Class

Roles:

- Borrow Library Item
- Return Library Item

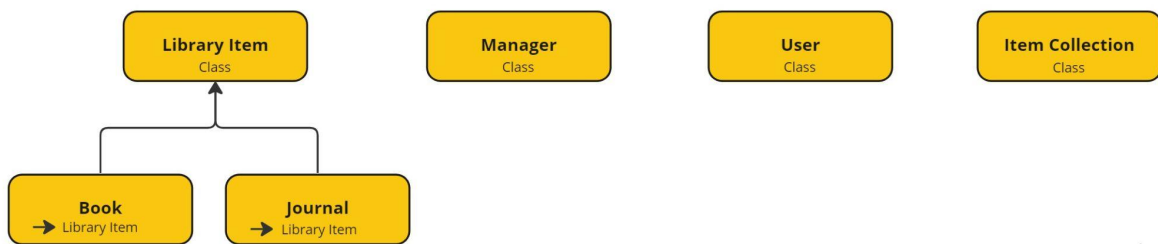
6. Item Collection Class

- List / Dictionary of Library Item
- Add item
- Search by conditions

7. General

- Filtering by a condition and represent a list of items by the condition.(name, author, genre, publisher).
- Show a message to the user if the item was not return on its time.

- Daily Report - Amounts - Borrows
- **Serialization**
- **MVVM**
- **Unit Tests**
- Logic in Class Library
- Dealing with errors
- Creating a Gui
- Checks



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