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**Windows forms Application**

**Lab 3 (week 5, 6)**

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**Goals:**

The goal of Lab 3 is to develop a Windows Forms Application named Library system described in document “List of sample projects”.

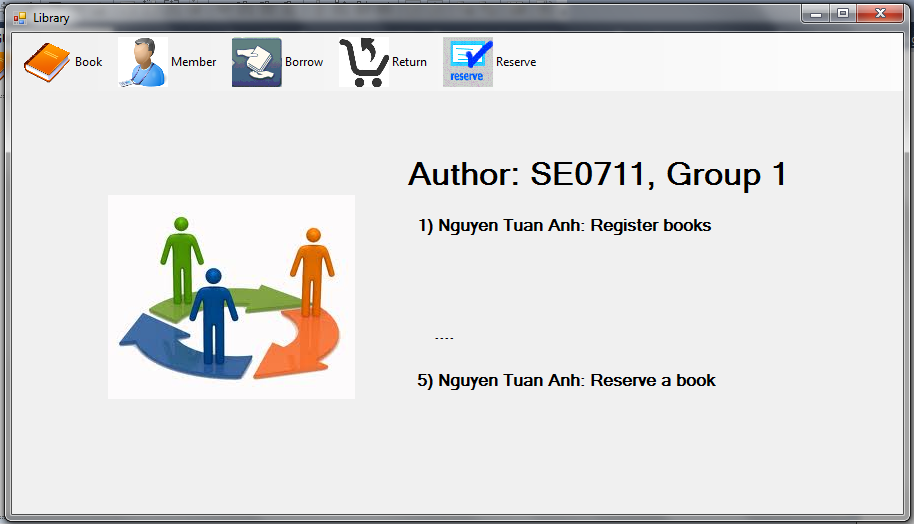
**System description:**

Your system must have the following functions:

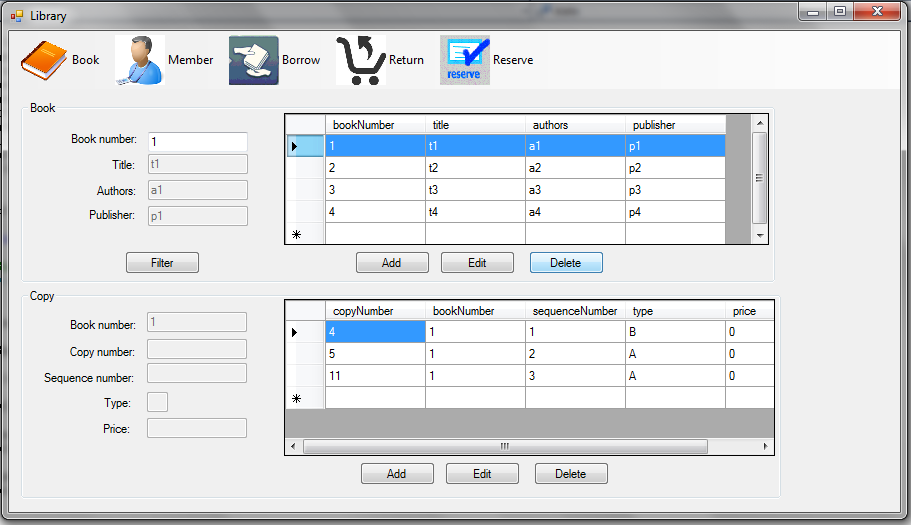
1. Register members (add/edit/delete)
2. Register book and its copies (add/edit/delete)
3. Borrow copies
4. Return copies
5. Reserve a book

Your program output may look like:

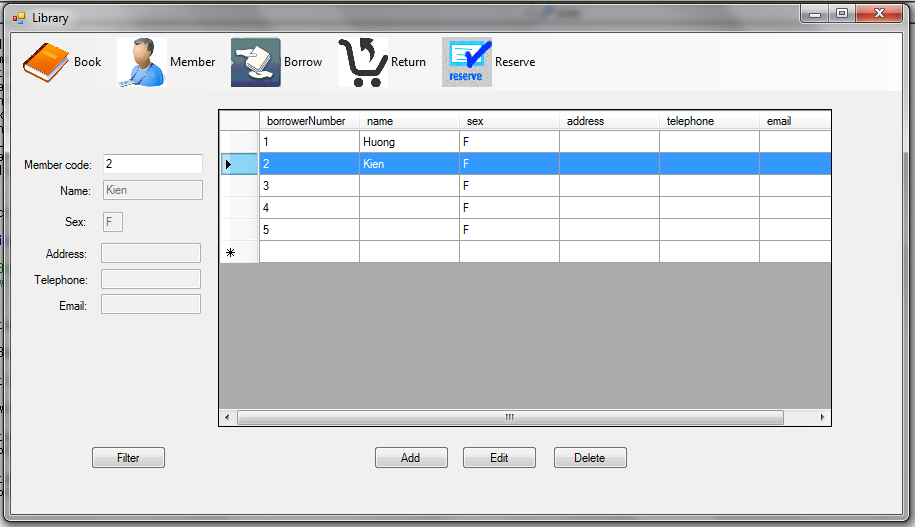
1. Main window form



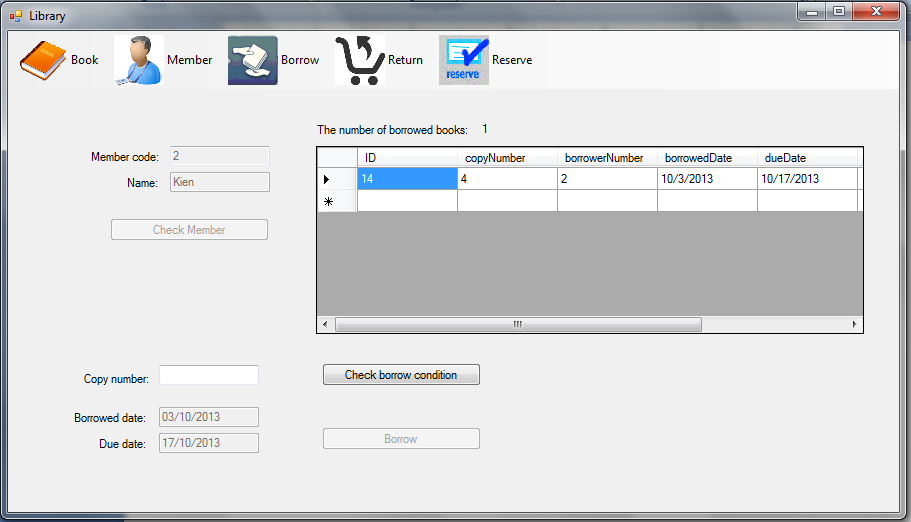
1. Register books and their copies



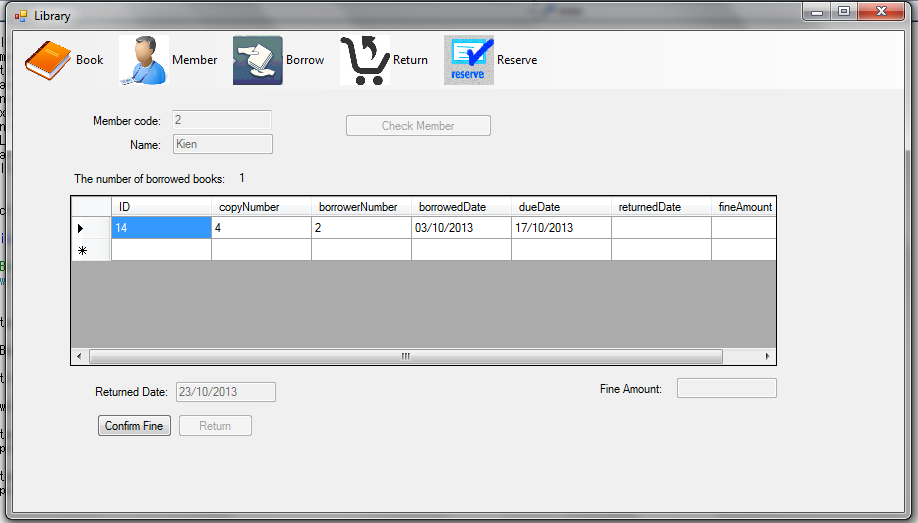
1. Register members



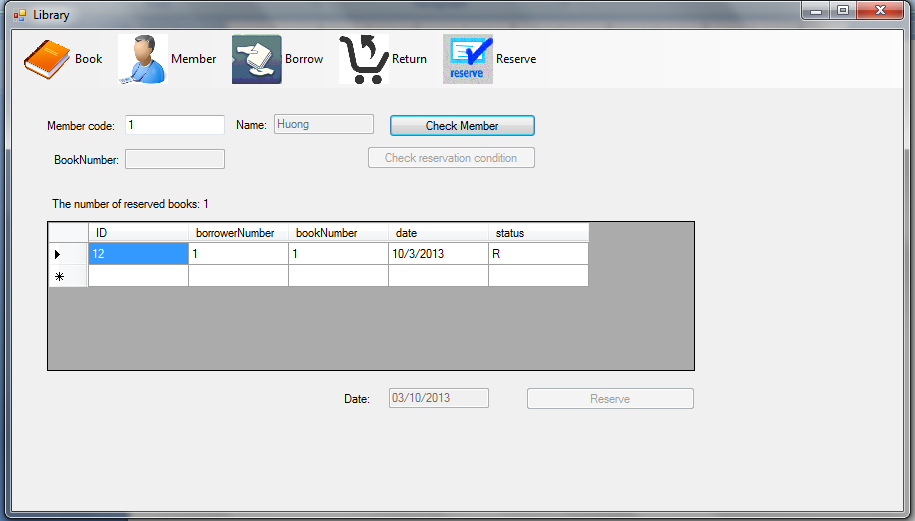
1. Borrow copies



1. Return copies



1. Reserve a book



**Requirements:**

* Your system must display Class ID and group number with the list of members (with functions made by them).
* Your system must follow all rules described in Library system.
* Your system must check input data and allow the user to enter again.
* Use Database “Library” given in site “cms” and must use “localhost”, or localhost\SQLExpress” for the name of DB server computer.
* Your solution name: Lab3\_GroupN.sln, and file name: ClassID\_GroupN\_Lab3.zip, where N = 1, or 2…

**References:**

* Document “List of sample projects”.
* Software requirement specification of Library system: “SRS\_Library system”.
* Software design of Library system: “SD\_Library system”.