**Lab 1 (Week 1 & 2)**

Read the description about Library system described in document “List of sample projects”, then create a C# console application, a part of Library system as below.

Lab 1: Nguyên Tuan Anh, SE01234, SE0911

MENU

1. Add a new borrower
2. Add a new book and its copies
3. Exit

Please enter: 1, 2, or 3:

1. If the user enters 1, the system will allow him/her to add a new borrower as below:

Borrower number (generated by the system): 1

Enter Name:

Must not be empty. Enter again!

Enter Name: Nguyen Van A

Enter Sex (F/M): N

Must be F or M. Enter again!

Enter Sex (F/M): F

Enter Address (optional):

Enter Telephone: 09 1234 1234

Enter Email: NguyenVanA@fpt.edu.vn

List of borrowers:

Number Name Sex Email

1 Nguyen Van A F [NguyenVanA@fpt.edu.vn](mailto:NguyenVanA@fpt.edu.vn)

2. If the user enters 2, the system will allow him/her to add a new book and its copies as below:

Book number (generated by the system): 1

Enter Title:

Must not be empty. Enter again!

Enter Title: t1

Enter authors: a1

Enter publisher: p1

Copy number (generated by the system): 1

Enter sequence number: 1

Enter Type (A/R): N

Must be A or R. Enter again!

Enter Type: A

Enter Price: -1

Must not be less than 0. Enter again!

Enter Price: 100

Add another copy (y/n)?: y

Copy number (generated by the system): 2

Enter sequence number: 2

Enter Type (A/R): N

Must be A or R. Enter again!

Enter Type: R

Enter Price: 100

Add another copy (y/n)?: n

List of books and its copies

Book # Title Authors Publisher

1 t1 a1 p1

Copy# Sequence # Type Price

1 1 A 100

2 2 R 100

1. If the user enters 3, the system will be terminated

**Note:**

* **Your solution nam**e: StdID\_StdName\_Lab1.sln
* **Your file name** : ClassID\_StdID\_StdName\_Lab1.zip

where: StdName = First name + Family name (e.g. AnhNguyen)