**Library Management Project Summary**

**Class: IS216.O21**

**Student: Truong Vinh Tien**

**Student Number: 21520481**

**Sumary fuction:**

***1. Login***

* **User Authentication:**
  + Allow users to log in with their credentials (username and password).

***2. Member Management***

* **Add New Members:**
  + Register new members with personal information (name, age, address, email, phone number, etc.).
* **Edit Member Information:**
  + Update personal information of existing members.
* **Delete Members:**
  + Remove inactive or obsolete member records.

***3. Book Management***

* **Add New Books:**
  + Add new books with detailed information including title, author, genre, publication year, publisher, ISBN, etc.
* **Edit Book Information:**
  + Update information of existing books in the library.
* **Delete Books:**
  + Remove books that are no longer available in the library.

***4. Category Management***

* **Add New Category:**
  + Add new book category to the library's catalog.
* **Edit Category Information:**
  + Update information of existing category.
* **Delete Category:**
  + Remove category that are no longer relevant or needed.

***5. Publisher Management***

* **Add New Publishers:**
  + Add new publishers to the library's catalog.
* **Edit Publisher Information:**
  + Update information of existing publishers.
* **Delete Publishers:**
  + Remove publishers that are no longer relevant or needed.

***6. Author Management***

* **Add New Authors:**
  + Add new authors to the library's catalog.
* **Edit Author Information:**
  + Update information of existing authors.
* **Delete Authors:**
  + Remove authors that are no longer relevant or needed.

***7. Book Borrowing Management***

* **Manage Borrowing Records:**
  + Create new borrowing records for members.
* **Track Borrowing History:**
  + Maintain the history of books borrowed by members.

***8. Book Returning Management***

* **Manage Returning Records:**
  + Record the return of borrowed books.
* **Track Returning History:**
  + Maintain the history of books returned by members.
* **Displays the penalty amount and the number of days overdue**