**Part 2: Enhancing LMS with Advanced Features**

Objective: Apply knowledge of OOP principles, with a focus on inheritance and composition, to design and implement an advanced Library Management System with enhanced features.

**Requirements:**

1. **Enhance the class hierarchy for the LMS system:**
   * **Book class (Base Class)**
     + Attributes:
       1. Title
       2. Author
       3. Book ID
     + Methods: display\_info()
   * **Person class (Base Class)**
     + Attributes:
       1. Name
       2. Age
       3. Person ID
   * **Librarian class (Derived from Person)**
     + Attributes:
       1. Inherits attributes from Person,
       2. Employee ID
     + Methods:
       1. issue\_book(book, user)
       2. return\_book(book, user)
   * **Library class**
     + Attributes:
       1. Library Name,
       2. Library ID,
       3. List for books (expand this from the previous assignment),
       4. an instance of Librarian.
     + Methods:
       1. add\_book(book)
       2. remove\_book(book\_id)
       3. view\_books()
       4. search\_book(title)
       5. list\_issued\_books()
2. **Implement inheritance:**
   * The Librarian class should inherit attributes and methods from the Person class.
   * Enhance the Library class to include its own methods and attributes related to library management.
3. **Implement composition:**
   * The Library class should interact with instances of the Librarian class and Book class.
   * Demonstrate how composition allows you to manage library-book interactions effectively.

**Instructions:**

1. Define the Book class with the specified attributes and methods to manage book data.
2. Define the Person class with the specified attributes and methods.
3. Implement inheritance: Enhance the Librarian class to inherit attributes and methods from the Person class.
4. Enhance the Library class: Implement additional methods and features, as specified in the requirements.
5. Implement a mechanism that allows users to interact with the library, including searching and listing issued books.