## **🔹 Scenario : Library Management System**

A student logs in to the library portal and requests to borrow the book **“Data Structures in C”**.

When the request is submitted:

* **TypeORM** communicates with the database and updates the **Books** table to mark the selected book as *borrowed*.
* The system uses defined **entities** such as **Book**, **Member**, and **BorrowRecord** to manage the records.
* The request is processed through the **/borrow/create** controller, which is responsible for handling borrow operations.
* Before confirming, a **validation step** ensures that:  
  + The book is currently available (not borrowed by someone else).
  + The student has no pending overdue books in their account.

If all checks pass, the system successfully records the transaction, and the student can view the borrowed book details in their profile.