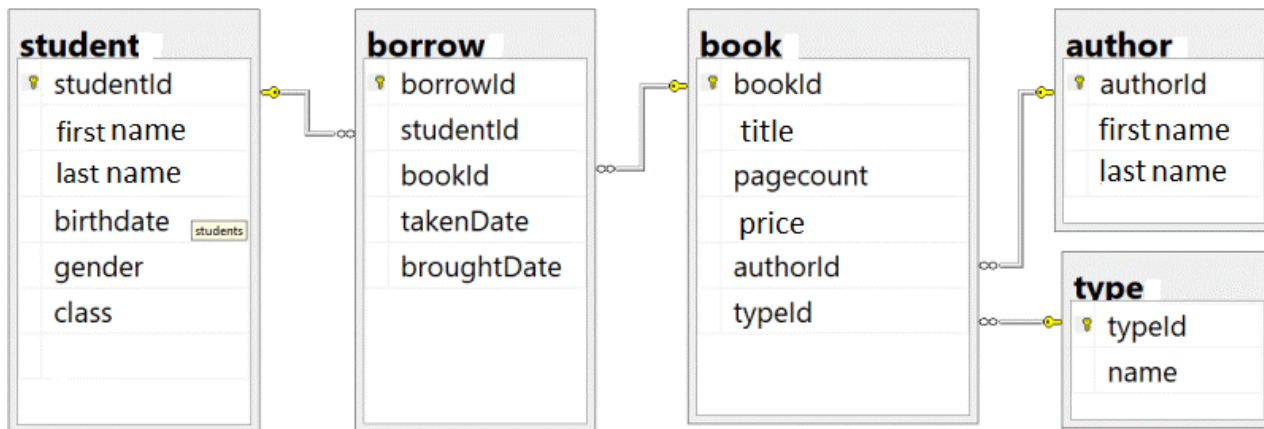


## ***Database II Final Project – LIBRARY Web Application***

### ***DB Diagram:***



1. Create a .NET Web Application using Blank Application Template.
2. Create an AddStudent.aspx page used to insert a new student record on the DB table.
3. Create an AddBook.aspx page used to insert a new book record + author record + type record.
4. Create a BorrowBook.aspx page that contains:
  - 2 dropdownlists : 1 populated with all the students (student.firstname - student.lastname)
  - 1 populated with all books (book.title – type.name - author.firstname,author.lastname)

When select one student and one book click “borrow book” button that will insert a new record on the table borrow (ONLY IF studentId/bookid not exists on the table.)

5. Create a ReturnBook.aspx page that contains:
  - 2 dropdownlists: 1 populated with all the students (student.firstname - student.lastname)
  - 1 dynamically populated with all the books borrowed by a specific student (selected from the prev dropdownlist).When select 1 student and one borrowed book click “return book” button that will update the broughtDate for that specific studentId/bookid identifier.
6. Create 2 folders: BusinessLayer,                      – BusinessLayer will contain all your Entity Classes, DataAccessLayer will contain all your utility DB access classes and methods.