ER SCHEMA

ADMIN entity with attributes: aname, Admin_id, email, Date_of_join, Phone_no

BOOK entity with attributes: Book_name, Book_id, Issue_date, genre, rating, Date_of_publishing, Age_restriction, Type (Syllabus/Fiction), department, semester

AUTHOR entity with attributes: Author_name, Author_id, type, genre

PUBLISHER entity with attributes: pname, pid, paddress, email

issues relationship (1 : n) between ADMIN and BOOK, with Issue_id

writes relationship (n : 1) between BOOK and AUTHOR, with No_of_books

publishes relationship between BOOK and PUBLISHER

controls relationship between ADMIN and DEPARTMENT/BRANCH

DEPARTMENT entity with attributes: dname, did, No_of_students, No_of_sections

BRANCH entity with attributes: Branch_id, baddress, Year_of_setup, locality

Studying_in relationship (1 : n) between DEPARTMENT/BRANCH and STUDENT

teaches relationship between BRANCH and FACULTY

borrows relationship between STUDENT and BOOK, with Borrowal_id, Due_date, Overdue_fees

STUDENT entity with attributes: usn, sname, Phone_no, email, cgpa, semester, Date_of_birth, Class_12_%

FACULTY entity with attributes: fid, fname, age, Year_of_join, email, address, Phoneno