

Scenario

Analyze and design a database that meets the requirements of the following scenario:

The Faculty Commons, a faculty run organization, maintains a library of hard-to-find books on pedagogy and these books are available for faculty to borrow. The Faculty Commons would like to track this loan process including the books, the date a book is loaned out, the date a book is due to be returned, and the actual date the book is returned. One faculty member may borrow many books and one book may be borrowed by many faculty members, over time. The Faculty Commons wants to track the full name, Bellevue College email address, and SID* for each faculty member.

**A SID is the system identification number issued by the college to all members of the college, including faculty, as a unique identifier. A SID is generated by the IT department at the college – it is not controlled by the Faculty Commons.*