

## SCENARIO

Each SCC faculty member is expected to serve on one or more committees. Suppose you need to design a database that tracks campus committee assignments. Each committee can have many faculty members and each faculty can participate in many committees. Sometimes a faculty member joins a committee and serves for a few years, then resigns from the committee for a while and later re-joins the *same* committee (as I did with the Scholarships committee). The table below presents the data organized by *committee*.

Committee Name	Created	Name	Join	Resign	Office	Hire Date
Scholarships	5/1973	Tom Trollen	12/15/1992 8/1/2000	5/1/1997	BU104	1/15/1983
		Barbara Fahey	3/12/1992		LC300	7/28/1987
		Rodger Slater	8/17/1982	5/5/2000	LC322	7/18/1975
Graduation	9/1982	Rodger Slater	10/1/1975	5/5/2000	LC322	7/18/1975
		Jim Elam	3/14/1996		BU114	7/20/1992
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Beautification	6/1988	Barbara Fahey	8/5/1993 8/1/1999	12/15/1996	LC300	7/28/1987
		Jim Elam	9/21/1998	5/5/2000	BU114	7/20/1992
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**Develop an appropriate set of 3NF tables. Document your design with *complete shorthand notation* and an *ER diagram*.**

**Enhancement:** In reality, faculty can leave the college, perhaps to teach elsewhere or work in industry. Occasionally, faculty are rehired. Modify the base design to track multiple hire dates (and separation dates) for each faculty member.