**A university has an online registration system that enables the staff of each**

**academic department to examine the courses offered by their department,**

**add and remove courses, and change the information about them (e.g. the**

**maximum number of students permitted). It should permit students to**

**examine currently available courses, add and drop courses to and from their**

**schedules, and examine the courses for which they are enrolled. Department**

**staff should be able to print a variety of reports about the courses and the**

**students enrolled in them. The system should ensure that no student takes too**

**many courses and that students who have any unpaid fees are not permitted**

**to register. (Assume that a fees data store is maintained by the university's**

**financial office, which the registration system accesses but does not change).**