More open ended: Next we implement the part where faculty members of the admissions committee review the applications and decide who will be the accepted applicants.

- The admissions committee faculty is divided into two categories: Regular members (reviewers) and committee chairs. Regular members can review and grade applications. When a committee member grades an application he/she assigns a grade from 1-4, 1 being the lowest and 4 being the highest, and also provides a free text comment. Each reviewer may provide only one review and grade for each application.
- Note that there are applications that have been assigned to a reviewer and assigned applications that have actually been reviewed by this reviewer. One may not review applications that have not been assigned to him.
- Each application has a status (accepted, rejected, under consideration)
- Each reviewer should be able to see his/her workload queue, i.e., the list of applications that are due to be reviewed by him/her. The reviewer should be able to choose any applicant from the workload queue and be directed to an application review page for this applicant. The application review page should also include the grades and comments that other reviewers have given to this application.

Let’s create in this lecture an E/R and a database schema for the following graduate admissions application (this is the one of the class project we give)

Applicants submit the following data in order to submit their application.

- Personal Data:
  - First name, last name and middle initial.
  - Citizenship information provided using a list of hyperlinks; there is one hyperlink for each country known to the database. [We may later do queries based on countries.]
• Degrees, including expected but not yet awarded ones. For each degree specify the name of the college/university where the degree was obtained. There is a list of “known” colleges/universities and for each university we know the country and (if it is US) the state of the university. Every country must be from this list of known countries.