

**Engineering:** DB Introduction to Databases

brannerchinese (/dashboard)

Courseware (/courses/Engineering/db/2014\_1/courseware) Course Info (/courses/Engineering/db/2014\_1/info)

Discussion (/courses/Engineering/db/2014\_1/discussion/forum) Wiki (/courses/Engineering/db/2014\_1/course\_wiki)

Progress (/courses/Engineering/db/2014\_1/progress)

Syllabus (/courses/Engineering/db/2014\_1/ecb24bd5517b470bbf30f8be67d29c7b/)

Readings (/courses/Engineering/db/2014\_1/d7164b54dc614cb7835fe8aea4b9b3a9/)

Software Guides (/courses/Engineering/db/2014\_1/a9ce7e86f39c4f8aa833215e22c02e20/)

Extra Problems (/courses/Engineering/db/2014\_1/cdd688fe03544c8aa1f9cff9d6ff0b53/)

Additional Info (/courses/Engineering/db/2014\_1/82c5fa0444034bf8bf57a1f40214cdf6/)

# Q1 (1.0/1.0 points)

You're creating a database to contain information about university records: students, courses, grades, etc. Should you use the relational model or XML?

- Relational
- XML
- Either one is appropriate
- Neither is appropriate

### **EXPLANATION**

The database has a simple structure fixed in advance, so it's amenable to the relational model.

Save

Submit

Hide Answer(s)

You have used 2 of 4 submissions

## Q2 (1.0/1.0 points)

You're creating a database to contain information for a university web site: news, academic announcements, admissions, events, research, etc. Should you use the relational model or XML?

- Relational
- XML
- Either one is appropriate
- Neither is appropriate

1 of 2 1/20/14, 11:32 PM

#### **EXPLANATION**

The database has an unpredictable, complex, dynamic structure, so the flexibility of XML is warranted.

Save

Submit

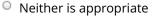
Hide Answer(s)

You have used 1 of 4 submissions

Q3 (1.0/1.0 points)

You're creating a database to contain information about family trees (ancestry). Should you use the relational model or XML?

- Relational
- XML
- Either one is appropriate



#### **EXPLANATION**

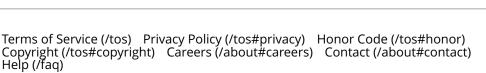
The database has a fixed structure suggesting relational, but it's strictly hierarchical suggesting XML. Either may be suitable.

Save

Submit

Hide Answer(s)

You have used 1 of 4 submissions



Built on OpenEdX (http://code.edx.org).

Stainford University

(http://www.stanford.edu)

SU Home (http://www.stanford.edu)
Maps & Directions (http://visit.stanford.edu/plan/maps.html)
Search Stanford (http://www.stanford.edu/search/)
Terms of Use (http://www.stanford.edu/site/terms.html)
Copyright Complaints (http://www.stanford.edu/site/copyright.html)

© Stanford University, Stanford, California 94305