

# ERD mapping

## auth db

Stores login info  
USERS - auth

- user-id (Primary key)
- username: unique for each
- password-hash
- role

## erp-db

### Students

- user-id (Primary, Foreign)
- roll-no
- program
- year

### Instructors

- user-id (Primary, Foreign)
- department

### Courses

- course-id (Primary)
- code
- title
- credits

### Sections

- section-id (Primary)
- course-id (Foreign)
- inst-id
- day-time
- room
- capacity
- semester
- year

### enrollments

- enrollment-id (Primary)
- student-id (Foreign)
- section-id (Foreign)

### Grades

- grade-id (Primary)
- enrollment-id (Foreign)
- component
- score
- final-grade

### Settings

- setting-key (Primary)
- setting value

1:1

1:1

1:N

N:N

N:N

N:N

1:N

Enroll



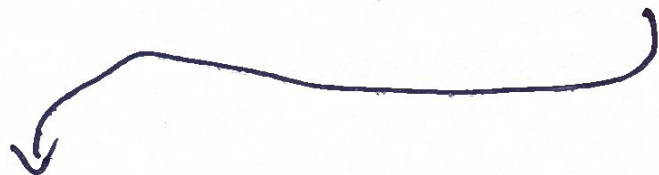
Open  
course  
catalog



select a  
course



click register  
for course



is maintenance  
on?

Yes



not registered

No



are you already enrolled

Yes



error box

"already  
registered"

No



is class filled

Yes



error  
"class"  
filled

No



Registered



# Gradebook

