

Project proposal  
Database Record of Online Course  
(Coursera)

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# Description

This description defines our **CS205** project named as **Online course system (course-[era](#))**. Our main aim is to build an Online course system in perspective of **Database Management System**. How will our database system store required information in order to complete participation.

Online course system fundamentally co-ordinates the courses of students of specific university. The system will keep record of Student, course, Instructor, Institution and student's participation etc.

## Scope of our project in terms of DBMS

- Actually our this project is not much big so we can handle.
- All the data related to this project is very realistic<sup>1</sup>.
- In user perspective this project is play very good role in finding of online course.

## What kind of queries can be ask on our project?

Our project(Database record) that much capable so we can find out such kind of queries we are mentioned following :

There are some questions which can be answered by our this database record :

1. How many courses are offered by any university?  
with other question like :
  - with particular Instructor
  - with eligible for certificate.
2. How many course taken by particular student?  
with other question like :
  - How many courses from specific Institute?
  - How many courses from particular stream?
3. How many courses any student has completed?
4. Is there any course offers by particular Instructor?
5. How many Instructor are participated in a course?
6. We can find which student has completed most courses.
7. Which course enrolled mostly by students?
8. Courses which are going to start in next month?

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<sup>1</sup>Because we are taking all the data from coursera site (with permission).

9. Find the number of student who joined this course on perticular date.
10. How many courses available in a language?
11. How many student from individual country?
12. How many student from perticular year?
13. Numbers of student who did not completed their course.
14. Number of courses in which student got certificate by Institute.