

Tabular Form:  
UNNORMALIZED  
course\_ID  
course\_name  
instructor\_ID  
instructor\_name  
student\_name  
DOB  
gender  
grade

1st NF

Instructor
course_ID (PK)
course_name (PK)
instructor_ID (PK)
instructor_name
student_name (PK)
grade

  

Student
course_ID (PK)
course_name (PK)
instructor_name
student_name (PK)
DOB
gender
grade

2nd NF

Instructor
instructor_ID (PK)
instructor_name

  

Course
course_ID (PK)
course_name (PK)
instructor_Name
student_name (PK)
grade

  

Student
student_name (PK)
DOB
gender

3rd NF

Instructor

instructor\_ID (PK)

instructor\_name

Course

course\_ID (PK)

course\_name (PK)

grade

Course\_Members

course\_ID (PK)

course\_name (PK)

instructor\_name

student\_name

Student

student\_name (PK)

DOB

gender