

Free Tuition College Student Transcript - User View 1:

UNF:

StudentTranscript [**PK studentNo**, studentName, transDate, address, city, state, postalCode, GPA, (courseCode, courseDesc, grade, facID, facName)]

1NF:

StudentTranscript [**PK studentNo**, studentName, transDate, address, city, state, postalCode, GPA]

Student_Course [**FK studentNo**, **PK courseCode**, courseDesc, grade, facID, facName]

2NF:

StudentTranscript [**PK studentNo**, studentName, transDate, address, city, state, postalCode, GPA]

Student_Course [**FK studentNo**, **FK courseCode**, grade]

Course [**PK courseCode**, courseDesc, facID, facName]

3NF:

StudentTranscript [**FK PK studentNo**, transDate, GPA]

Student [**PK studentNo**, studentName, address, city, state, postalCode]

Student_Course [**FK studentNo**, **FK courseCode**, grade]

Course [**PK courseCode**, courseDesc, facID, facName]

Free Tuition College Class List for Faculty – User View 2:

UNF:

ClassList [PK facID, facName, date, courseCode, section, (studentName)]

1NF:

ClassList [PK facID, facName, date, courseCode, section]

Student [PK studentNo, studentName, FK facID]

2NF:

it's already in 2NF

3NF:

ClassList [PK facID, facName, courseCode, section]

ListDate [FK facID, PK date]

Student [PK studentNo, studentName, FK facID]

Merge two user views:

StudentTranscript [FK PK studentNo, transDate, GPA]

Student [PK studentNo, studentName, address, city, state, postalCode, FK facID]

Student_Course [FK studentNo, FK courseCode, grade]

Course [PK courseCode, courseDesc, FK facID]

ClassList [PK facID, facName, courseCode, section]

ListDate [FK facID, PK date]

DBS211 Final TEST

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