**Amirhossein Sabagh | 152956199 |** [**asabagh@myseneca.ca**](mailto:asabagh@myseneca.ca) **| 2020-08-12**

**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]

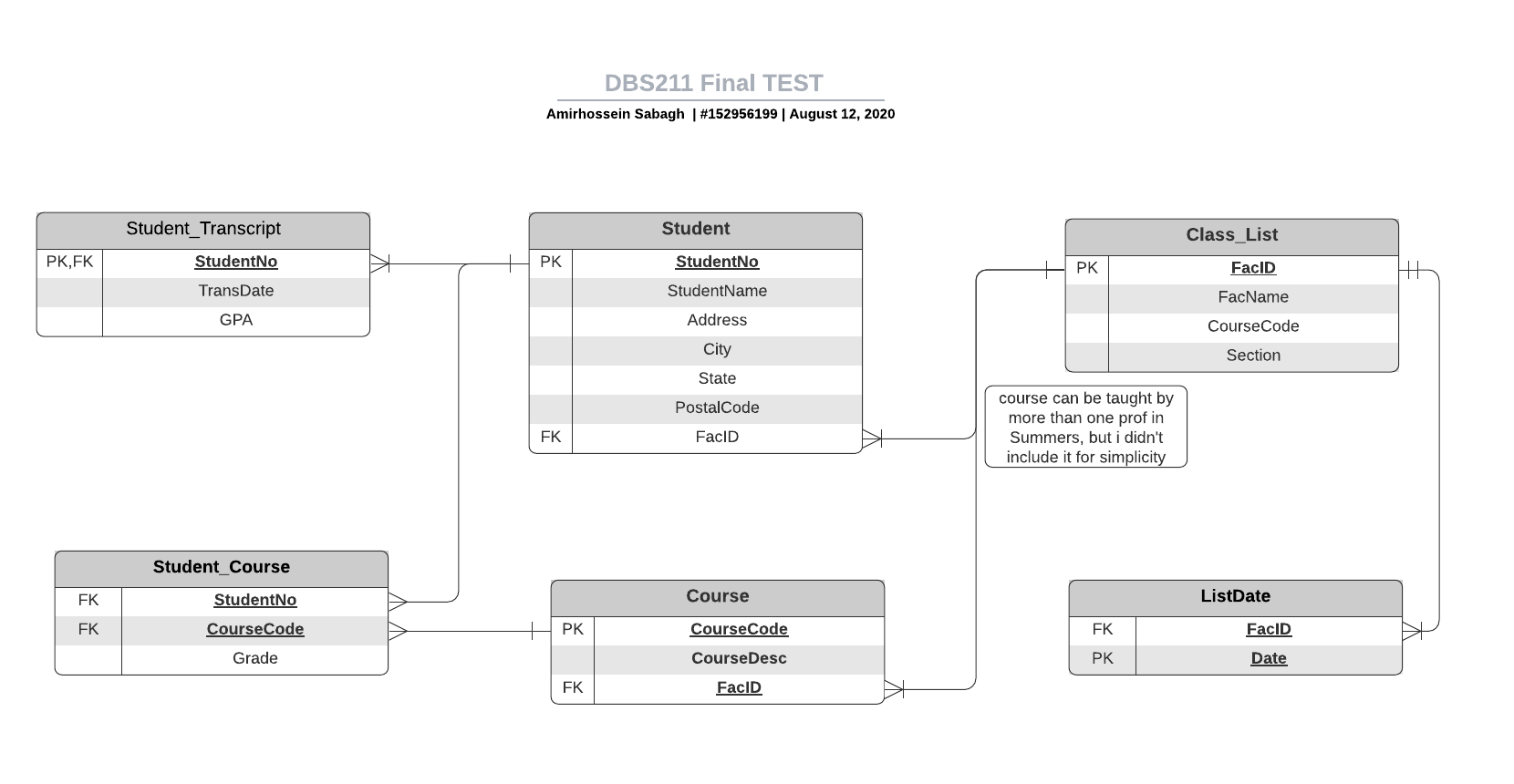
Student [**PK studentNo**, studentName, address, city, state, postalCode, **FK facID**]

Student\_Course [**FK studentNo**, **FK courseCode**, grade]

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

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

ListDate [**FK** **facID**, **PK date]**

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