More Subkeys
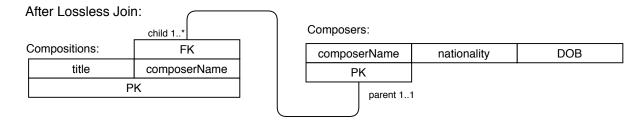
Scott Roberts
011651729
03/13/17

Before Lossless Join:

Compositions:

title	composerName	nationality	yearOfBirth
PK			

After Lossless Join:

child 1..*

Compositions:

	FK
title	composerName
PK	

Composers:

composerName	nationality	DOB
PK		

parent 1..1

Student Grades:

Before Lossless Join Decomposition:

Student Grades:

SID	CID	studentName	studentEmail	studentGrade
PK				

After Lossless Join Decomposition:

CourseGrades:

PK		
SID	CID	grade
FK		

child 0..*

parent 1..1

Students:

PK		
SID	studentName	studentEmail