# Business Rules

1. SCOPE OF THE DATABASE SCHEMA:-

A.1 The Scope is enrolling and taking music classes from SMMC

1. THE THING OF INTEREST include:-

B.1 Persons

B.2 Students

B.3 Tutors

B.4 Guardians

B.5 Classes

B.6 Instruments

B.7 Performances

B.8 Sheet Music

B.9 Ensembles

B.10 Seniority

1. These THINGS are Related as follows:-

C.1 A STUDENT can be ENROLLED in none or many CLASSES

C.2 An Enrolled STUDENT must be a member of an ENSEMBLE

C.3 An ENSEMBLE plays at a PERFORMANCE

C.4 SHEET MUSIC is played at a PERFORMANCE

C.5 A TUTOR is paid based on the INSTRUMENT and SENIORITY

C.6 An INSTRUMENT has different costs depending on the STUDENT’s graduation status

C.7 A STUDENT under 18 must have GUARDIAN information

C.8 An INSTRUMENT must have a HEAD TUTOR

C.9 An INSTRUMENT is taught in a CLASS

C.10 A CLASS has a TUTOR

C.11 A CLASS has at minimum 3 STUDENTS

C.12 A STUDENT enrols for an INSTRUMENT

1. Other Characteristics of these THINGS include:-

D.1 A piece of MUSIC may not be used in a PERFORMANCE if it has been used in any of the 3 years prior

D.2 An ENSEMBLE must play at the major PERFORMANCE each year

D.3 STUDENTS may not hire a Recorder INSTRUMENT

D.4 Only a head or senior TUTOR may teach an INSTRUMENT at level 7 and 8

D.5 A CLASS has at minimum 3 STUDENTS