

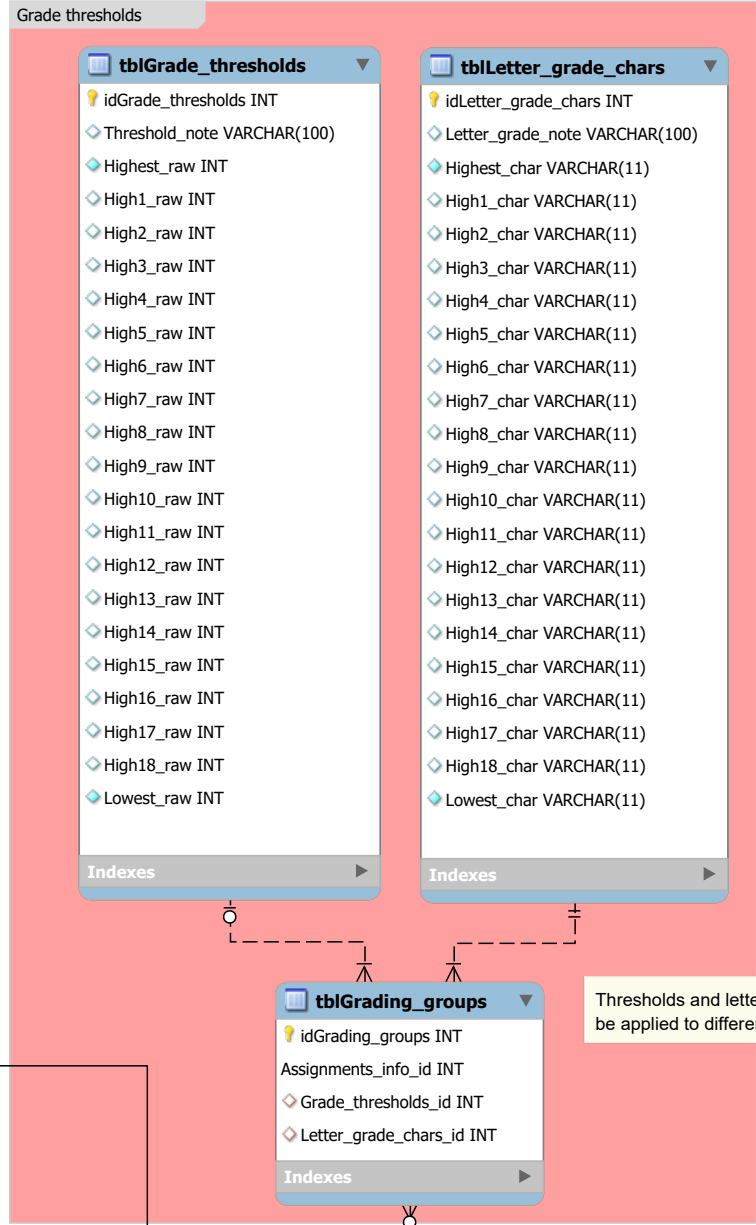
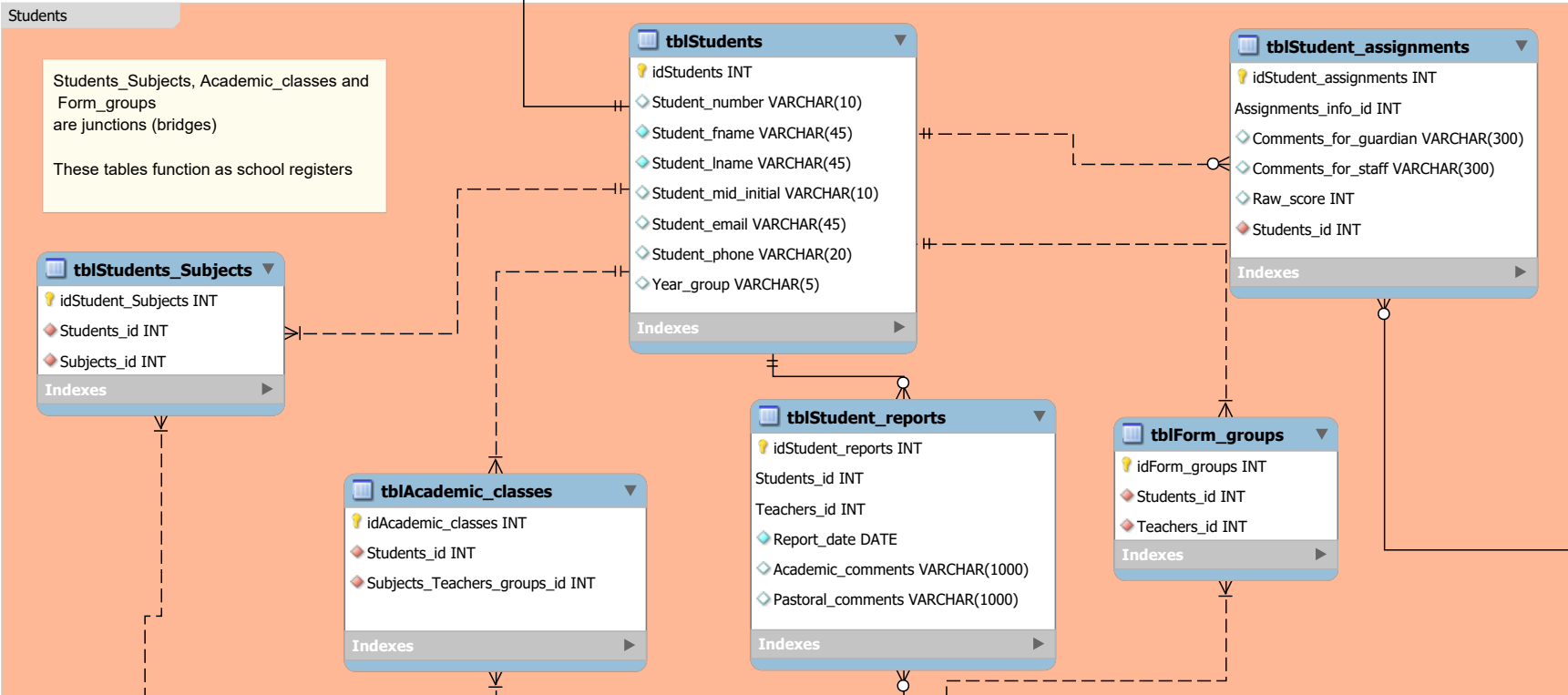
Due to foreign key constraints, the order of inserting data should be as follows:

1. Students
2. (In no particular order) Guardians, Subjects and Teachers
3. (In no particular order) Guardians_addresses, Subject_Subjects, Form_groups, Subject_Teachers_groups and Student_reports
4. Academic_classes

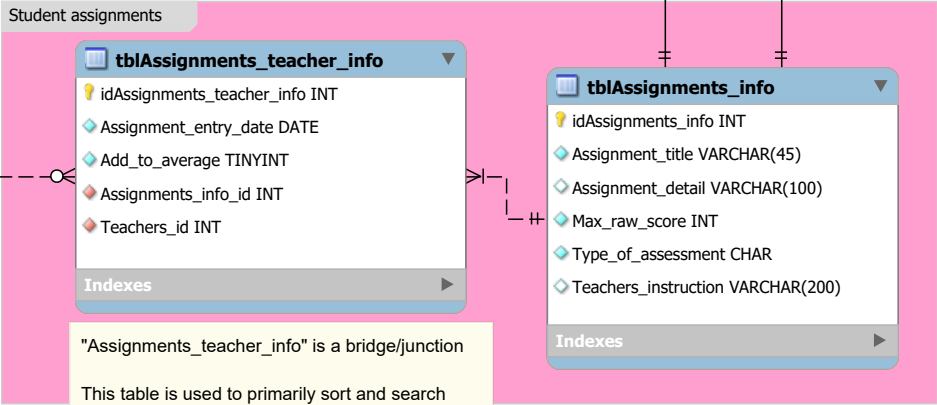
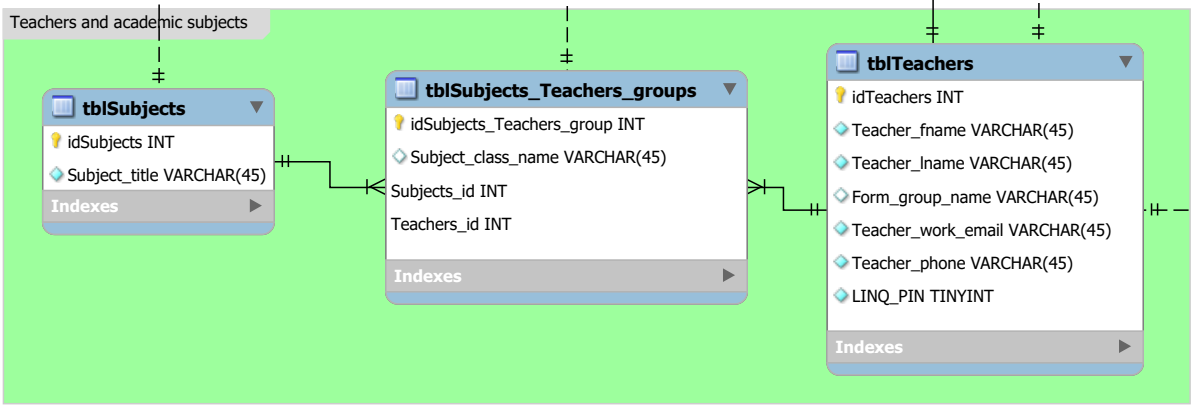
Once the pastoral and academic plans are entered, teachers can then begin entering assignments related data:

4. Assignments_info
5. (In no particular order) Assignments_teacher_info, Grade_thresholds, Letter_grade_chars and Student_Assignments
6. Grading Groups

The order of dropping rows should be carried out in the reverse order (6 to 1).



Thresholds and letter grades can be applied to different assignments



"Assignments_teacher_info" is a bridge/junction

This table is used to primarily sort and search data by teacher_id (and date)

An assignment (e.g. exams) can be shared with teachers, and vice versa

Records for a new year can be transferred to the the following year (with changes to subjects and teachers). Students.Year_group can be updated as a batch command.

As part of DB maintenance per year, only Guardians_addresses are automatically deleted with Guardians.

All other data is retained.

Naming conventions

1. All primary keys are preceded with id
2. All table identifiers are preceded with tbl
3. All foreign keys are labelled tableName_id

Table names (except for _info) and FK references are pluralised

Other non-PK and non-FK references to tables are singular

