PPP Code review, April 3

1. v\_StudentSearch.SQL
   1. “LEFT JOIN” and “LEFT OUTER JOIN” are identical 😊
2. In StudentController
   1. Created/Modified fields should **not** be set from the client-supplied object (updatedStudent), but instead set by code
3. In StudentGradeController/PUT
   1. two critical fields are **not** being set (Form\_nb, Program\_id)
   2. the ‘key field’ (Student\_id) **is** being set, but should not be altered
   3. Effective\_dt should be set by the client, either ‘today’ or (StartYear + Jan 1)
4. Is Upload Photo working ?
5. **School fees** – the solution here is to bring SchoolFees into the Student object, which provies the data needed for the Total in Review& Ranking, and also allows the fees to be shown on the Student detail screen.

Getting Student\_Fee requires that Program\_id be available. Right now, School\_id and Form\_nb are ‘de-normalied’, but not Program\_id.

There are two remedies here – a) add Student.Program\_id or b) change v\_StudentSearch to include School/Form/Program from StudentGrade

Option a) is reasonable, since the program does not change frequently.

There is a need for the server-side code to update Student.School/Form/Program when the most recent record in Student\_Grade is updated.

Steps:

* Run: Updates\2024.04.09 Add Student-Program\_id.SQL
* Run v\_StudentSearch.SQL