This is how to compute GPA by Student:

Student will click button and program will create a query, so we don’t need an entity for GPA since it is a JOIN.

SELECT

s.SID

SUM (c.Credits \*g.Grade) / SUM (c.Credit) Average – GPA

FROM Student s

InnerJoin Grade g on s.SID = g.SID

InnerJoin Course c on g.CID = c.CID

GROUP BY s.SID;

Notes:

* SID represents Student ID
* CID is Course ID
* Credit is Credits per Class