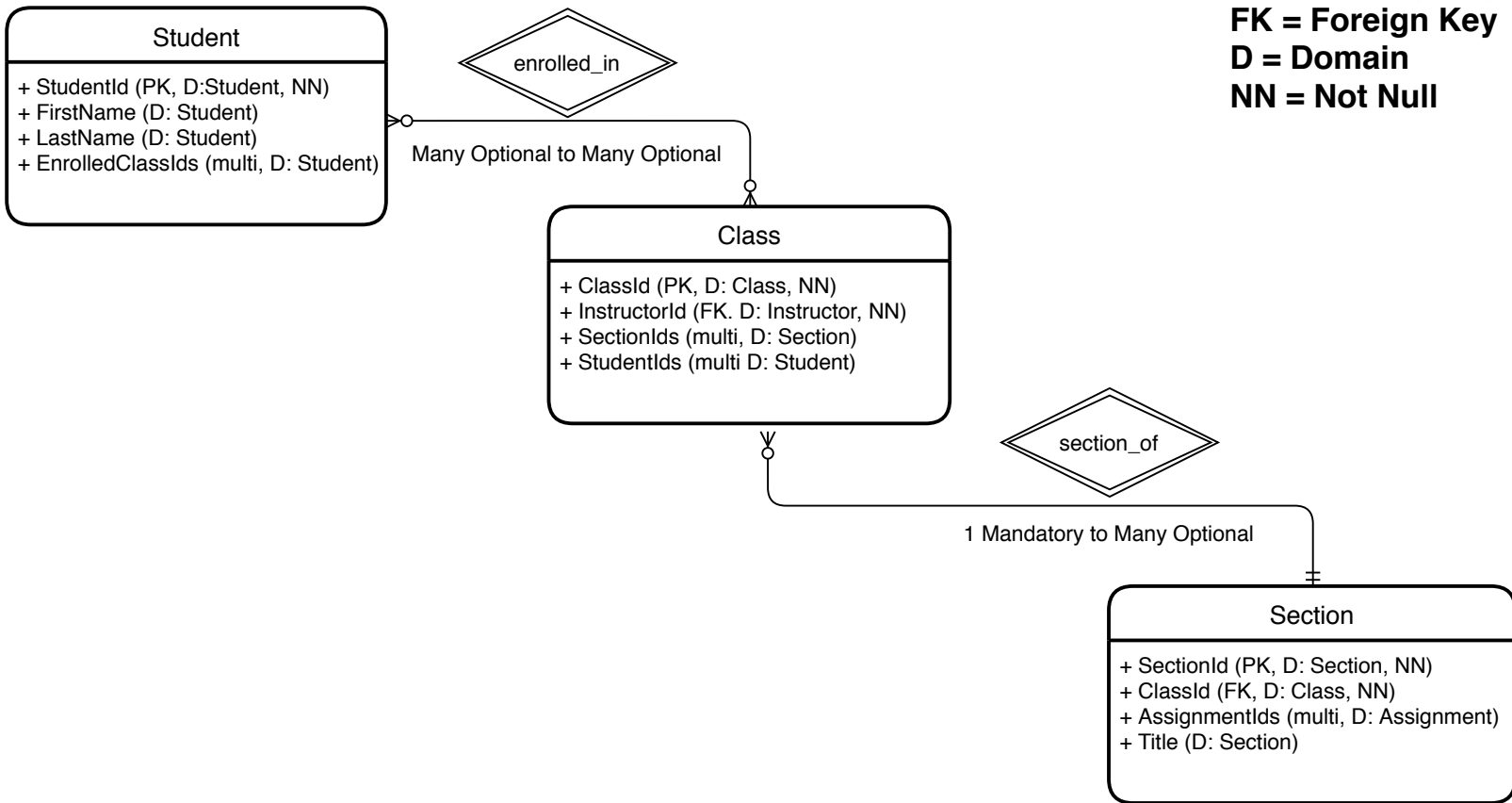


Key

PK = Primary Key
FK = Foreign Key
D = Domain
NN = Not Null

A3_Spencer_Rosenvall_phy_des



Question 1 Answers:

1. Student Table: Doesn't contain any transitive dependencies and qualifies as Second Normal (N2) form, therefore it is in Third Normal (N3) form.
2. Class Table: Doesn't contain any transitive dependencies and qualifies as Second Normal (N2) form, therefore it is in Third Normal (N3) form.
3. Section Table: Doesn't contain any transitive dependencies and qualifies as Second Normal (N2) form, therefore it is in Third Normal (N3) form.

Question 2 Answers:

1. Primary Keys Indicated
2. Foreign Keys Indicated.
3. Domains Indicated.
4. Constraints Indicated.
5. No Associative Table created.

Question 3 Answers:

Student(StudentId, FName, LName, University)

Now I'd split it into two based on which university the student attends, because there may be multiple specific attributes depending on the university, and then we can drop the University column.

WeberStudent (WNumber, FName, LName) & UofUStudent(UNumber, FName, LName)