

Task 2

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202202239

~~Credits Only~~ NOT OPTIMIZED

~~Credits Three~~ = ~~all~~ ~~Courses~~
Credits: 3

SJE =

SJE = (Student \bowtie Enrollment)
StudentID: StudentID

SJE, C = (SJE \bowtie Course)
CourseID: CourseID

Selection = σ (SJE, C)

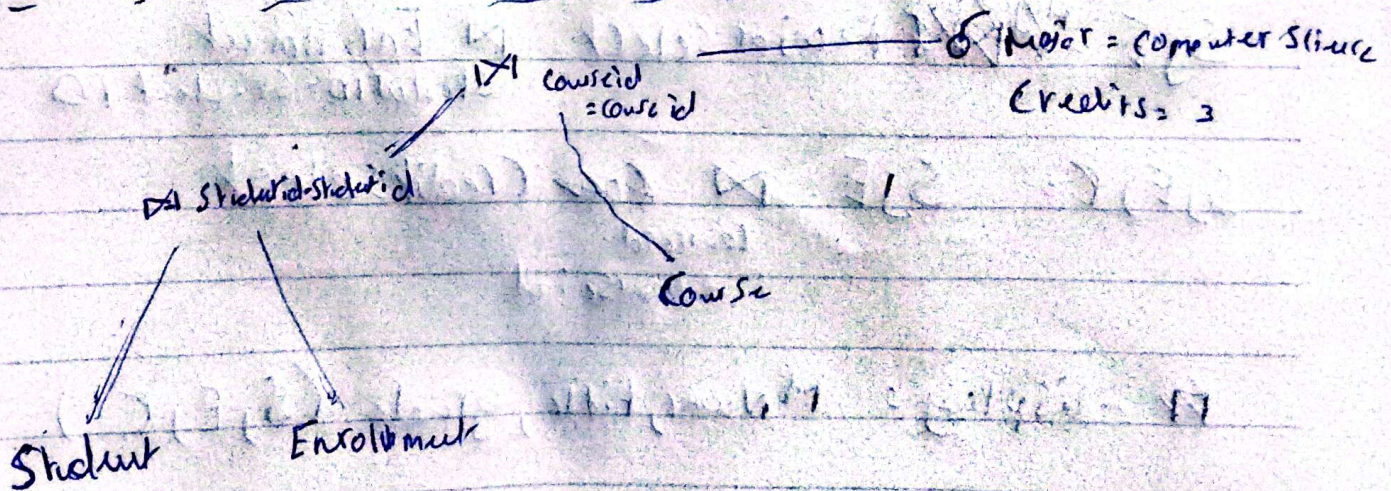
Major = "computer science"

Credits = 3

display = π (Selection)

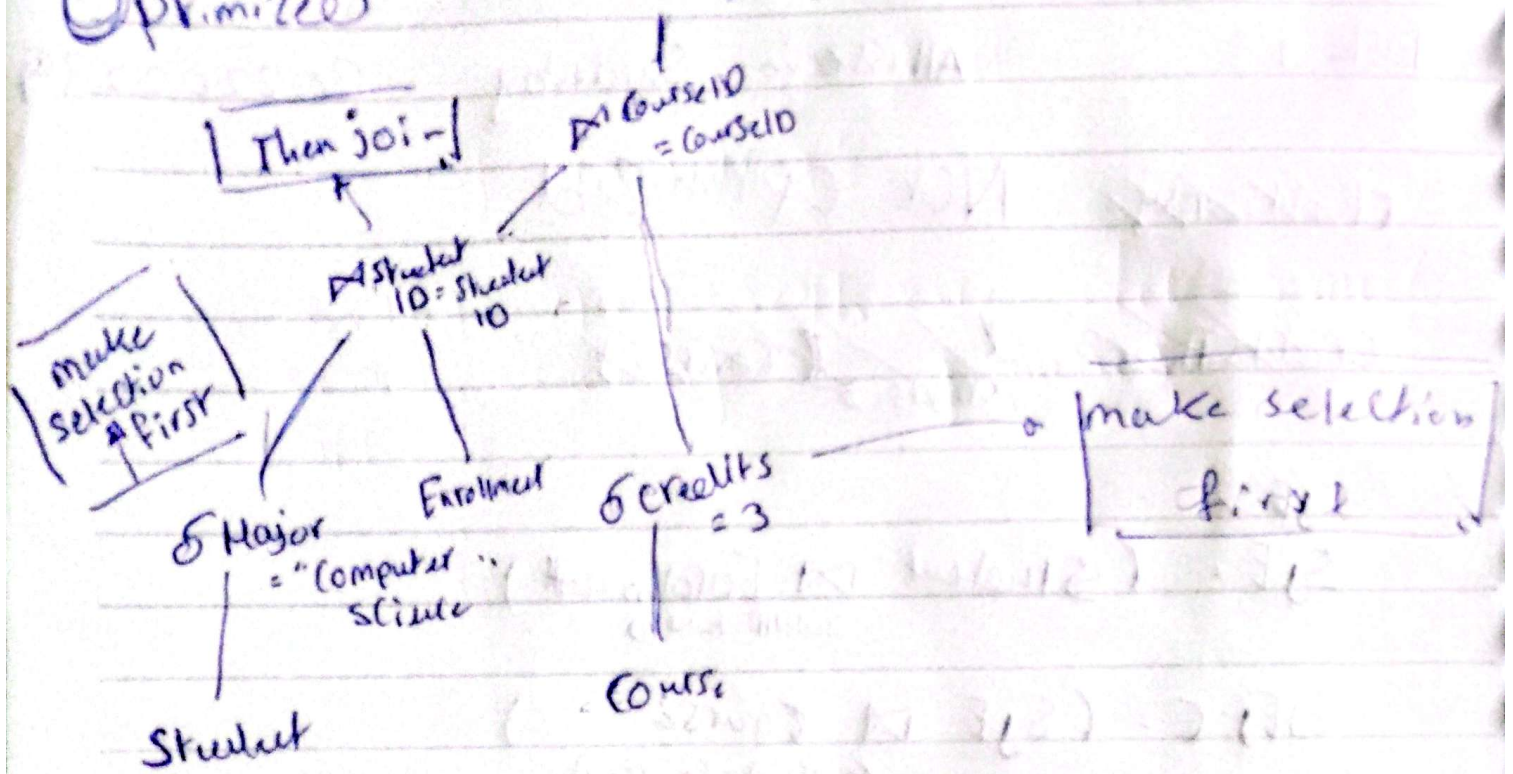
Name, Title, Grade

Name, Title, Grade



Optimized

M Name, Title, Grade



Major Select = σ (Student)
major = "Computer Science"

Credit Select = σ (Course)
Credits = 3

SJE = ~~Major select~~ Major select \bowtie Enrollment
StudentID = StudentID

SJE C = SJE \bowtie Credit select
CourseID = CourseID

display = M Name, Title, Grade (S, E, C)